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February 27, 2015

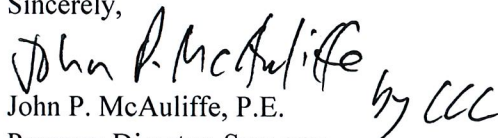
To: Harry Warner, NYSDEC, Region 7 (1 bound)
Diane Carlton, NYSDEC, Region 7 (1 PDF)
Holly Sammon, Onondaga County Public Library (1 bound)
Samuel Sage, Atlantic States Legal Foundation (1 bound)
Mary Ann Coogan, Camillus Town Hall (1 bound)
Stephen Weiter, Moon Library (1 bound)
Joseph J. Heath, Esq., Onondaga Nation (1 bound)
Cara Burton, Solvay Public Library (1 bound)
Chris Fitch, Communications

Re: Letter of Transmittal – Onondaga Lake Site Repository Addition

The below document has been approved by the New York State Department of Environmental Conservation (NYSDEC) and is enclosed for your document holdings:

- Revised Hydrogeologic Investigation to Support Groundwater Monitoring at the Sediment Consolidation Area dated December 2014

Sincerely,


John P. McAuliffe, P.E.
Program Director, Syracuse

Enc.

cc: Mary Jane Peachey, P.E.
James E. Gruppe, P.E.

New York State Department of Environmental Conservation

Division of Materials Management, Region 7

615 Erie Boulevard West, Syracuse, New York 13204-2400

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Joe Martens
Commissioner

February 11, 2015

Mr. John P. McAuliffe, P.E.
Program Director, Syracuse
Honeywell
301 Plainfield Road
Suite 330
Syracuse, NY 13212

RE: Honeywell Sediment Consolidation Area (SCA) monitoring deliverables

Dear Mr. McAuliffe:

The Department received the following documents which were submitted on December 5, 2014:

- Revised Hydrogeologic Investigation to Support Groundwater Monitoring at the Sediment Consolidation Area (SCA) (O'Brien & Gere, December, 2014)
- Revised Sediment Consolidation Area (SCA) Environmental Monitoring Plan (O'Brien & Gere, December, 2014)

These revised documents were prepared based on the Departments comment letter dated August 6, 2012 and on results of the October 2013 Closure Investigation Report for Wastebeds 9-15. These documents and the comment response letter dated December 5, 2014 satisfy the Departments comments. Therefore, these documents are approved.

Please keep in mind that the Environmental Monitoring Plan (EMP) is a document that should be current through all phases of the site (operational, closure, and post-closure). Reductions to the monitoring program may be considered after five years of post-closure monitoring data has been obtained. Post-closure monitoring is required for a minimum of 30 years.

Should you have any questions regarding the EMP please do not hesitate to contact me or Tom Annal at 426 – 7535.

Sincerely,

James E. Gruppe, P.E.
Environmental Engineer 2

Mr. John P. McAuliffe, P.E.

February 11, 2015

Page 2 of 2

ec:	Tim DiGiulio	NYSDEC, R7
	Tom Annal	NYSDEC, R7
	Nicole Chisholm	NYSDEC, R7
	Tara Blum	NYSDEC, R7
	Margaret Sheen	NYSDEC, R7
	Jaime Lang	NYSDEC, Albany
	Tim Larson	NYSDEC, Albany
	Bob Nunes	USEPA
	Christopher Caulkins	O'Brien & Gere
	Maureen Markert	O'Brien & Gere
	Jim Kyles	O'Brien & Gere

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August 20, 2012

Ms. Mary Jane Peachey, P.E.
Regional Engineer
New York State Department of Environmental Conservation
Region 7
615 Erie Boulevard West
Syracuse, NY 13204-2400

**Re: Hydrogeologic Investigation Data Validation Report to Support Groundwater Monitoring
at the Sediment Consolidation Area**

Dear Ms. Peachey:

Attached for your review is the Hydrogeologic Investigation to Support Groundwater Modeling at the Sediment Consolidation Area (SCA) Data Validation Report, which has been prepared by O'Brien & Gere. If you have any questions about this submittal, please contact Jim Heckathorne of O'Brien & Gere or me.

Sincerely,



John P. McAuliffe, P.E.
Program Director, Syracuse

cc: Mr. Joseph Zalewski – NYSDEC-Water, Reg 7 (ec)
Mr. Robert Nunes – USEPA (ec)
Ms. Jamie Lang – NYSDEC-DSHM, Albany (ec)
Mr. Timothy Larson – NYSDEC-DER, Albany (ec)
Ms. Tara Blum – NYSDEC-DER, Reg 7 (CecD)
Mr. Thomas Annal – NYSDEC – S&HM, Reg 7 (ec)
Mr. James Gruppe – NYSDEC - S&HM, Reg 7 (ec)
Mr. Paul Blue – Parsons (ec)
Mr. Christopher Calkins – O'Brien & Gere (ec)
Mr. James R. Heckathorne – O'Brien & Gere (ec)

REVISED REPORT

Hydrogeologic Investigation to Support Groundwater Monitoring at the Sediment Consolidation Area (SCA)

Honeywell

December 2014



1163 | 46698

Hydrogeologic Investigation to Support Groundwater Monitoring at the Sediment Consolidation Area (SCA) Camillus, New York

Prepared for:

Honeywell



CHRISTOPHER C. CALKINS, VP
O'BRIEN & GERE ENGINEERS, INC.

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- 5 BB&L Top of Bedrock Figure
- 6 Onondaga Lake FS Appendix D: Part A

LIST OF ACRONYMS AND ABBREVIATIONS

BB&L	Blasland, Bouck & Lee
bgs	Below Ground Surface
BR	Bedrock
CFS	Cubic feet per second
CI	Closure Investigation
cm/sec	Centimeters per Second
CSS	Critical Stratigraphic Section
EDR	Environmental Data Resources, Inc.
EFH	Equivalent Fresh Water Head
EMP	Environmental Monitoring Plan
°F	Degrees Fahrenheit
ft	Feet or Foot
ft/day	Feet per Day
ft/ft	Feet per Foot
HDPE	High Density Polyethylene
I.D.	Inside Diameter
Inc.	Incorporated
J	Estimated Value
K-Test	Hydraulic Conductivity Test
LCCS	Leachate Collection and Conveyance System
mg/L	Milligrams per Liter
min	Minute
MNM	Mixed Ninemile Creek Deposits
MSDS	Material Safety Data Sheet
MSI	Mount Sopris Instrument Company Inc.
msl	Mean Sea Level
mS/m	milli Siemens per meter
MW	Monitoring Well
NAD	North American Datum
NAVD	North American Vertical Datum
NI	Not Installed
NS	Not Sampled
NTU	Nephelometric Turbidity Unit
NYCRR	New York Code of Rules and Regulations

NYSDEC	New York State Department of Environmental Conservation
ORP	Oxidation Reduction Potential
PCB	Polychlorinated Biphenyl
pH	Potential Hydrogen
PQL	Practical Quantitation Limits
PVC	Polyvinyl Chloride
ROD	Record of Decision
SB9-15	Settling Basins 9 through 15
SCA	Sediment Consolidation Area
SPDES	State Pollution Discharge Elimination System
SR	Shallow Requested
S.U.	Standard Units
SVOC	Semi Volatile Organic Compounds
TDS	Total Dissolved Solids
µg/L	Micrograms per liter
US	United States
USGS	United States Geologic Survey
VOC	Volatile Organic Compound

EXECUTIVE SUMMARY

Honeywell International Inc. entered into a Consent Decree with the New York State Department of Environmental Conservation (NYSDEC) in 2007 to implement the selected remedy for Onondaga Lake as outlined in the Record of Decision (ROD) issued by the NYSDEC and United State Department of Environmental Protection (USEPA) on July 1, 2005. A major component of the selected remedy includes the dredging of sediments from the lake, on-site dewatering, and consolidation of the sediments in the Sediment Consolidation Area (SCA) on existing Wastebed 13. The SCA has been engineered with a composite (clay/geomembrane) bottom liner and leachate collection system.

A Hydrogeologic Investigation for the SCA is required by 6 NYCRR Part 360 (Part 360) and was completed during 2011 and 2012. The objectives of the Hydrogeologic Investigation Report are to summarize the data collected during the Hydrogeologic Investigation and identify the Critical Stratigraphic Sections (CSS) immediately surrounding the SCA. The CSS is defined as "... all stratigraphic units, both unconsolidated deposits and bedrock, including but not limited to the unsaturated zone, uppermost aquifer and first water-bearing unit into which facility derived contaminants that escape from a solid waste management facility might reasonably be expected to enter and cause contamination during the active life or within 30 years following closure of the facility."

Separately, a comprehensive Closure Investigation of the entire Wastebeds 9-15 site is being performed pursuant to Administrative Consent Order D-7-0001-02-03 between the New York State Department of Environmental Conservation (NYSDEC) and Honeywell International Inc. (Honeywell) dated December 6, 2010. The purpose of the Closure Investigation is to evaluate and characterize the nature and extent of site-related chemical parameters of interest, and to evaluate potential migration pathways. The Closure Investigation will provide data to support the development of a Final Closure Plan that is protective of human health and the environment.

Location

The SCA is located on Wastebed 13 in the Town of Camillus, Onondaga County, New York (**Figure 1**). Wastebed 13 occupies approximately 163 acres and is bordered to the north by Ninemile Creek and CSX Railroad tracks; to the west by an Onondaga County Garage property, a former gravel excavation owned by Honeywell, and a few residential properties; and to the east and south by Wastebeds 12 and 14, respectively (**Figure 2**).

Geology

Wastebed 13 is located within Ninemile Creek Valley which is a glacially-scoured bedrock channel. The Ninemile Creek Valley trough is oriented southwest to northeast and bedrock surface dips along the center axis of the trough downward to the northeast.

The bedrock in the Ninemile Creek Valley is overlain by approximately 100 to 160 feet of overburden (till, stream sediments, and lake deposits). Within the footprint of Wastebed 13 up to 91 feet of Solvay Waste fill material is present.

Surface water

Ninemile Creek is the dominant surface water body in the Ninemile Creek Valley and flows from the southwest to northeast through the valley and discharges to Onondaga Lake. Ninemile Creek is located approximately 300 feet to the north of the Wastebed 13 berm.

Groundwater

The site hydrogeology can be divided into the shallow fill, glaciolacustrine, mixed Ninemile Creek, till, and bedrock units. Regional groundwater flow predominantly occurs in the mixed Ninemile Creek and bedrock units. The glaciolacustrine and till layers which lie above the bedrock are low hydraulic conductivity units that each act as an aquitard separating the overlying mixed Ninemile Creek unit from the underlying bedrock.

The regional groundwater flow in the Ninemile Creek Valley, in the mixed Ninemile Creek unit and the bedrock, is from the southwest to the northeast towards Onondaga Lake, mimicking the regional topography.

Critical Stratigraphic Sections

Based on the Hydrogeologic Investigation, the proposed CSS for the SCA is the mixed Ninemile Creek unit. This unit is subdivided into the Shallow Native, Intermediate Native, and Deep Native units. The selection of the mixed Ninemile Creek unit as the CSS for the SCA is supported by geochemical and groundwater quality data that was collected during the Hydrogeologic Investigation. That data showed parameters and concentrations that were consistent with data collected during previous investigations at the Wastebeds 9-15 site.

Based on the geochemical and VOC data collected during the Hydrogeologic Investigation, water with a leachate geochemical signature from the wastebeds was identified in the shallow fill unit, which consists of the Solvay wastebed. This signature was also observed mixing with native groundwater in the mixed Ninemile Creek unit, which indicates that wastebed leachate has historically migrated into this unit. Therefore, the shallow, intermediate, and deep mixed Ninemile Creek units are part of the CSS. The bedrock hydrogeologic unit groundwater did not contain a leachate signature, indicating that historically leachate has not entered the bedrock and the bedrock should not be considered part of the CSS.

1 INTRODUCTION

Honeywell International Inc. entered into a Consent Decree with the New York State Department of Environmental Conservation (NYSDEC) in 2007 to implement the selected remedy for Onondaga Lake as outlined in the Record of Decision (ROD) issued by the NYSDEC and United State Department of Environmental Protection (USEPA) on July 1, 2005. A major component of the selected remedy includes the dredging of sediments from the lake, on-site dewatering, and consolidation of the sediments in the Sediment Consolidation Area (SCA) which has been constructed and is operated on existing Wastebed 13.

The *Hydrogeologic Investigation Work Plan to Support Ground Water Monitoring at the Sediment Consolidation Area - Wastebed 13- Camillus, New York* dated June 2010 and approved by the NYSDEC on August 2, 2010 was developed to gather information pertaining to the SCA and meet the New York State requirements for landfills as outlined in 6 NYCRR Part 360.

This Hydrogeologic Investigation Report summarizes the data collected during the Hydrogeologic Investigation and identifies the Critical Stratigraphic Sections (CSS) immediately surrounding the SCA.

The objectives of this report are:

- To define the hydrogeologic conditions under and immediately surrounding the SCA. This includes the thickness and geologic properties of the overburden formation, the direction and rate of groundwater flow within the overburden and bedrock flow systems, and the water quality characteristics of the groundwater flow systems
- To collect data necessary to prepare an Environmental Monitoring Plan (EMP)
- To provide topographic and geologic information
- Define the CSS for the site

2 SITE BACKGROUND

2.1 GENERAL BACKGROUND

Wastebed 13 occupies approximately 163 acres and is located in the Town of Camillus, Onondaga County, New York (**Figure 1**). Wastebed 13 was originally designed as a settling basin for Solvay waste. Solvay waste is a by-product of sodium carbonate (soda ash) production via the Solvay process by which soda ash is formed from salt, limestone, carbon dioxide, and ammonia. Solvay waste was produced by Honeywell's predecessor between 1881 and 1986. Wastebed 13 received the Solvay waste material from 1973 to 1985.

Solvay waste is a combination of process residuals, unreacted material, and mineral salts that were deposited in a chloride-rich slurry exhibiting an elevated pH (10-12 S.U.). Residual Solvay waste is a sterile, inert, inorganic accumulation of equigranular, silt-sized particles in a brine. The substrate consists of calcium carbonate, calcium sulfate, calcium silicate, and magnesium hydroxide with no hazardous waste characteristics. The primary environmental concerns related to Solvay waste are its elevated pH and the brackish leachate (10,000 to 20,000 mg/L chloride) that was originally generated as the material in the basins dewatered, and later as precipitation percolated through the basins (BB&L, 1989). In terms of physical properties, Solvay waste has a low bearing capacity and a high consolidation ratio.

During the period of active use, the berm height of Wastebed 13 was increased as the elevation of the waste material in the settling basins increased. The slurry discharged to Wastebeds 12-15 during the filling of the wastebeds consisted of approximately 90 to 95% liquids and 5 to 10% solids (BB&L, 1989). Construction drawings prepared by Honeywell detail a gravel drainage layer near the base of each berm, topped with a 6-inch sand filter layer, topped with native soil material (till), to a height of approximately 55 feet from the base elevation. The drainage layer is 1 to 4 feet thick and was designed to drain leachate from the settling basins into the perimeter swales. Weir boxes were constructed in the center of the basins to collect excess liquids during basin filling. The weir boxes were piped to a drainage swale that conveyed flows, both leachate and storm water, to two retention ponds located in the northeast corner of the site. The leachate and storm flow were then pumped from the retention ponds to the Syracuse Metropolitan Wastewater Treatment Plant.

A Leachate Collection and Conveyance System (LCCS) was installed in September 2002 to collect leachate at the base of the berms and to separate leachate from storm water. The collection system was installed along the eastern, western, and northern perimeters of Wastebeds 12 through 15 (**Figure 2**), and consists of 6-inch diameter perforated HDPE pipe placed within a trench and backfilled with crushed stone. The collection trench is lined with a geotextile filter fabric to minimize the migration of fine grained materials into the trench. A geocomposite drainage net installed near the surface of the wastebed berms and covered with a geomembrane and soil layer extends from the outboard side of the storm water drainage swale to 20 feet above the leachate collection trench. This drainage layer is designed to intercept and convey surface seeps into the collection trench. As part of subsequent seep mitigation projects, additional perforated collection pipes were installed higher on the berms in the northeast and southwest corners of the site where active seeps had been observed.

The leachate collected in the 6-inch perforated pipes (including the seep mitigation systems) flows via gravity into the conveyance system through a series of lateral tie-ins. The conveyance system consists of 12-inch diameter solid-wall HDPE pipe with associated cleanouts and manholes to permit cleaning and inspection. The conveyance system slopes from the two high points (MH-1 and MH-18) on opposite sides of the system to a common low point (MH-15).

As part of the installation of the LCCS, the discharge pipes from weir boxes located within the wastebeds were also intercepted for collection. Those discharge pipes are now connected to the LCCS at manholes.

Storm water is conveyed to three SPDES-permitted outfalls via the open drainage swale: Outfall 017 discharges to the abandoned gravel pit on the western edge of Wastebed 13, Outfall 18 discharges to Ninemile Creek immediately adjacent to the site, and Outfall 019 discharges to Geddes Brook.

During construction of the SCA on Wastebed 13, the weir box located immediately under the SCA was abandoned as documented in the SCA Civil and Geotechnical Final Design (Parsons and Geosyntec, 2011). **Figure 2** indicates the active and abandoned weir boxes subsequent to the construction of the SCA.

3 HYDROGEOLOGIC INVESTIGATION

The site Hydrogeologic Investigation was devised to provide the data necessary to understand the site's hydrogeologic setting, define the CSS, and implement a site EMP. Field investigations were performed in accordance with the *Draft Work Plan for Hydrogeologic Investigation to Support Groundwater Monitoring at the Sediment Consolidation Area – June 24, 2010*, which was approved by the NYSDEC on August 2, 2010. The various field investigations and the associated objectives of each are summarized below:

- Geophysical survey of six soil boring locations
 - » Provide detailed information related to the overburden thickness
 - » Describe physical properties of the formations
 - » Identify the zones that had/have the potential to transport leachate from the wastebeds
 - » Document permeable zones within the unconsolidated deposits above bedrock
- Collection of 36 geotechnical samples for grain size/hydrometer and estimated dry bulk density analysis
 - » Estimate grain size of formation material
 - » Assist in selecting monitoring well screen intervals
 - » Assist in selecting monitoring well screen slot size and associated sand pack
- Installation of 38 new monitoring wells
 - » Evaluate subsurface geology
 - » Characterize site hydrogeologic conditions
 - » Characterize the chemistry of the site groundwater
 - » Estimate the horizontal hydraulic conductivity of the screened geologic units (**Table 1**)
 - » Obtain monthly groundwater elevation measurements (**Table 2**)
 - » Evaluate groundwater elevation changes
 - » Evaluate groundwater flow
 - » Evaluate vertical and horizontal hydraulic gradients
 - » Collect seven quarterly groundwater samples from the newly installed and selected historic monitoring wells. Monitoring wells were sampled for Part 360 Expanded Parameter List for the first round of samples and Part 360 Baseline Parameter List for the next six quarterly sampling events.
 - » Establish a water quality database

3.1 SOIL BORINGS

To establish an understanding of the stratigraphy, six soil borings were installed at locations coinciding with proposed bedrock monitoring well locations (SB915-MW-87BR through SB915-MW-92BR). The soil boring logs are presented in **Appendix A**. These borings were installed to facilitate the completion of geophysical surveys of the overburden material (**Figure 3**). The soil borings were advanced to the top of till utilizing fluid rotary drilling techniques. A nominal 3.875-inch diameter roller bit was used to advance the boreholes. A bentonite slurry with the drilling additive EZ-MUD® was recirculated through the drill stem to carry soil cuttings to the ground surface. The MSDS sheet for EZ-MUD® is presented in **Exhibit 1**. Drill cuttings carried to the ground surface were initially contained in the recirculation tub and then transferred to steel storage tanks as needed. During the fluid-rotary drilling, soil samples were collected continuously in 2-ft intervals using a 2 or 3-inch diameter, 2-foot long split-spoon sampler to the terminal depth of the boring. Once the top of till was confirmed, a 2-inch I.D. 0.010 inch slot PVC screen was temporarily installed in the boring from the top of till to grade to facilitate the geophysical surveys.

Subsequent to the completion of the geophysical surveys at each location, the PVC screen was removed and a 5-inch diameter permanent steel casing was installed approximately four feet into the till unit and grouted in place. If the PVC screen could not be removed, which occurred at boring locations SB915-MW-87BR, SB915-MW-91BR, and SB915-MW-92BR, then the screen was grouted in place by filling the interior of the screen with grout lifts to grade and a new boring immediately adjacent to the geophysical boring was completed and the permanent steel casing was installed.

3.2 GEOPHYSICAL SURVEYS

Borehole geophysical surveys were conducted in each of the six screened borings described above (**Figure 3**). Natural gamma, short and long normal resistivity, spontaneous potential, and electromagnetic induction logs were collected in each of the surveyed borings. These logs provided information related to the overburden thickness, physical properties of the formations, and conductivity of the formation water to aid in the selection of the monitoring well screen intervals. The geophysical surveys were performed from grade to the top of the till unit. Mount Sopris Instrument Company Inc. (MSI) downhole sondes were lowered through 2-inch slotted PVC screen to allow for data collection from the formation while preventing borehole collapse on the geophysical survey equipment. Geophysical logs were digitally recorded using a MSI MGX II data acquisition console. During the survey at each boring the geophysical logs were referenced to the top of the temporary casing which was referenced from the ground surface.

Electromagnetic induction logs were collected to evaluate the bulk groundwater and soil conductivity over the length of each boring. Electromagnetic induction logs were collected for 0 to 1,000 mS/m and 0 to 10,000 mS/m depending on the range of conductivity values observed. A combined MSI 2PGA-1000 and MSI 2PIA-1000 sonde was used to acquire the electromagnetic induction logs. The electromagnetic induction sonde was field calibrated per the manufacturer's instructions whenever the sensitivity range of the sonde was changed.

Short and long normal resistivity and spontaneous potential logs were collected over the saturated portions of each boring. Short and long normal resistivity logs were used to evaluate the bulk groundwater and soil resistivity (inverse of conductivity). Spontaneous potential logs were used to evaluate the electric potential between the surface and the saturated portions of each borehole. A combined MSI 2PGA-1000 and 2PEA-1000 polyelectric sonde was used to collect the short and long normal resistivity and spontaneous potential logs. The sonde was factory calibrated prior to use in this program.

Natural gamma logs were collected to evaluate the relative clay content in the soils over the length of each boring. Natural gamma logs were acquired as stand-alone logs and in conjunction the short and long normal resistivity logs. A MSI 2PGA-1000 sonde was used to acquire the natural logs. The natural gamma sonde was factory calibrated prior to use in this program.

Responses recorded in the geophysical logs were correlated to installed casing depths, static water levels during logging, stratum changes observed during drilling, the depth of drilling process debris (broken casing and split spoon pieces) to constrain geophysical log accuracy. A detailed discussion of the results is presented in **Appendix B**.

3.3 GEOTECHNICAL TESTING

Geotechnical testing, consisting of grain-size/hydrometer and estimated dry bulk density, was conducted on six selected overburden samples from each bedrock monitoring well location (SB915-MW-87BR through SB915-MW-92BR) for a total of 36 geotechnical samples. Sample intervals are summarized in **Table 3.3**, below. The geotechnical samples were analyzed by Atlantic Testing Laboratories, Ltd. of Syracuse, New York. The geotechnical data were used in conjunction with the geophysical data and visual observations from the split-spoon samples to understand the physical properties of the formations and assist in the selection of screen intervals/screen sizes for the proposed monitoring wells. **Exhibit 2** presents the results of the geotechnical analysis.

Table 3.3 - Summary of Geotechnical Data Collected

Location	Sample Depth Interval (ft bgs)	Location	Sample Depth Interval (ft bgs)
SB915-MW-87BR	8 – 10	SB915-MW-90BR	27 – 29
SB915-MW-87BR	18 - 20	SB915-MW-90BR	37 – 39
SB915-MW-87BR	32 – 34	SB915-MW-90BR	51 – 53
SB915-MW-87BR	48 - 50	SB915-MW-90BR	65 – 67
SB915-MW-87BR	78 - 80	SB915-MW-90BR	79 - 81
SB915-MW-87BR	100 - 102	SB915-MW-90BR	98 - 100
SB915-MW-88BR	14 – 16	SB915-MW-91BR	60 – 62
SB915-MW-88BR	22 – 24	SB915-MW-91BR	70 – 72
SB915-MW-88BR	38 – 40	SB915-MW-91BR	84 – 86
SB915-MW-88BR	52 – 54	SB915-MW-91BR	106 – 108
SB915-MW-88BR	58 - 60	SB915-MW-91BR	120 – 122
SB915-MW-88BR	70 - 72	SB915-MW-91BR	136 – 138
SB915-MW-89BR	10 – 12	SB915-MW-92BR	56 – 58
SB915-MW-89BR	20 – 22	SB915-MW-92BR	58 - 60
SB915-MW-89BR	36 – 38	SB915-MW-92BR	66 – 68
SB915-MW-89BR	48 - 50	SB915-MW-92BR	76 – 78
SB915-MW-89BR	58 - 60	SB915-MW-92BR	90 – 92
SB915-MW-89BR	80 - 82	SB915-MW-92BR	108 - 110

3.4 MONITORING WELL INSTALLATION

To establish an understanding of the stratigraphy, hydrogeology, and geochemistry at the SCA site, 38 monitoring wells were installed (**Figure 3**) along the border of the SCA. These included:

- Seven bedrock monitoring wells
 - » SB915-MW-87BR through SB915-MW-93BR
- Five deep overburden monitoring wells
 - » SB915-MW-88D, SB915-MW-89D, SB915-MW-91D, SB915-MW-92D, and SB915-MW-93D
 - » In addition, two existing deep monitoring wells (SB915-WB-02L and SB915-WB-04L) were utilized
- Seven intermediate overburden monitoring wells
 - » SB915-MW-87I through SB915-MW-93I
- Nineteen shallow overburden monitoring wells
 - » SB915-MW-87S through SB915-MW-103S, SB915-MW-89SR, and SB915-MW-91SN

Drilling activities were performed by GeoLogic NY, Inc. of Homer, New York, American Auger & Ditch Co, Inc. of Constantia, New York, and Parratt-Wolff, Inc. of East Syracuse, New York. The wells were installed using truck mounted drill rigs equipped with fluid rotary tools, hollow-stem augers, roller-bit reaming tools, and coring tools. An O'Brien & Gere geologist observed drilling activities and completed boring logs for each location (**Appendix A**). Drilling and well installation methodologies for the monitoring wells are described below.

3.4.1 Bedrock Monitoring Wells

The soil borings to facilitate the installation of the bedrock monitoring wells were advanced to the top of till utilizing fluid rotary techniques as described in Section 3.1. Split-spoon samples were collected continuously to the terminal depth of the boring. Once the top of till was confirmed a 5-inch permanent steel casing was installed with grout approximately 4-feet into the till unit. Once the grout had cured for a minimum of 12 hours the boring was advanced through the 5-inch steel casing utilizing fluid rotary techniques to the top of bedrock. A 4-inch steel casing was grouted approximately 4 feet into the bedrock. Once the grout had cured for a minimum of 12 hours the casing was cleaned out using a 3 7/8 inch roller bit and the boring was advanced 3 feet below the bottom of the casing. Conventional coring techniques, utilizing a 3 7/8 inch diameter core barrel, were implemented to advance the boreholes through the bedrock formation. Potable water was recirculated through the drill stem to carry rock cuttings to the ground surface. Cuttings carried to the ground surface were initially contained in the recirculation tub and then transferred to 1,500-gallon poly tanks as needed. Subsequent to the completion of the coring a 2-inch inside diameter, 10-foot long, 0.010-inch slot, Schedule 40 PVC screen flush mounted to a riser was installed within the core hole. **Table 3** provides construction details for each monitoring well. The sand pack consisting of US Silica size #00 sand or equivalent extended approximately 2 feet, or 20 percent of the screen length, whichever was greater, above the top of the screen. Due to potential high chloride concentrations in the groundwater, and the inability of bentonite to properly hydrate in high chloride conditions, a 2 to 3-foot sand choke consisting of US Silica size #000 sand or equivalent was installed above the sand pack and into the 4-inch casing to prevent grout infiltration into the sand pack. A portland cement/bentonite grout was installed to grade and an aluminum locking cover was installed on the casing (**Figure 4**).

3.4.2 Deep Monitoring Wells

The soil borings to facilitate the installation of deep monitoring wells were advanced to the top of till utilizing fluid rotary techniques as described above. Split-spoon samples were collected within the selected screen interval only. Once the top of till was confirmed a 2-inch inside diameter, 10 foot long, schedule 40 PVC screen flush mounted to riser was installed within the boring. An appropriate screen slot size was selected and a sand pack was installed on top of the till unit (**Table 3**). The sand pack consisting of US Silica size #00 sand or equivalent extended approximately 2 feet, or 20 percent of the screen length, whichever was greater, above the top of the screen. Due to the potential for high chloride water and the inability of bentonite to properly hydrate in high chloride conditions a 2 to 3-foot sand choke consisting of US Silica size #000 sand or equivalent was installed above the sand pack to stop grout infiltration. The annular space above the sand choke was then sealed with a portland cement/bentonite grout to grade. The well was secured with a steel standpipe and aluminum locking cover.

3.4.3 Intermediate and Shallow Monitoring Wells

The soil borings to facilitate the installation of intermediate and shallow monitoring wells were advanced to the terminal depth utilizing 4 1/4 inch hollow-stem augers. Split-spoon samples were collected within the selected screen interval only. Once the terminal depth of the well was reached (approximately 8 feet below the water table for shallow wells and in a permeable unit between the deep and shallow well screens for intermediate wells) a 2-inch inside diameter, 10-foot long Schedule 40 PVC screen, flush mounted to riser, was installed within the boring. An appropriate screen slot size was selected and a sand pack consisting of US Silica size #00 sand or equivalent was installed (**Table 3**). The sand pack extended approximately 2 feet, or 20 percent of the screen length, whichever was greater, above the top of the screen. Due to the potential for high chloride water and the inability of bentonite to properly hydrate in high chloride conditions a 2 to 3-foot sand choke consisting of US Silica size #000 sand or equivalent was installed above the sand pack to stop grout infiltration. The annular space above the sand choke was then sealed with a portland cement/bentonite grout to grade. The well was then secured with a steel standpipe and aluminum locking cover.

3.5 MONITORING WELL DEVELOPMENT

Newly installed monitoring wells were developed following installation to remove fine grained material within the sand pack and establish a good hydraulic connection with the formation. To provide adequate time for the cement/bentonite grout to cure prior to development, each well was left undisturbed for a minimum period of

one week before development. Selected historic monitoring wells (SB915-WB-02U, SB915-WB-02L, SB915-WB-04U, and SB915-WB-04L) to be utilized during the investigation were redeveloped. Well development was conducted using the method described below.

An electrically-driven inertial pump (Watterra®) was used for development of the monitoring wells. Water quality measurements including pH, temperature, specific conductance, specific gravity (density) via hydrometer, and turbidity were recorded during well development. Development was considered complete when the turbidity was below 50 NTU or ten well volumes were purged from the well. Well development within the bedrock monitoring wells SB915-MW-91BR and SB915-MW-92BR was limited due to the low hydraulic conductivity of the formation. One well volume of water was removed at a time before the wells went dry, and were allowed to recover before another volume was removed. Approximately five well volumes (~ 90 gallons) were removed for both SB915-MW-91BR and SB915-MW-92BR. Well development logs are provided in **Appendix C**.

3.6 HYDRAULIC CONDUCTIVITY TESTING

In situ hydraulic conductivity tests (slug tests) were performed on 37 newly installed monitoring wells and four existing monitoring wells (**Table 3.6**). One well, SB915-MW-89SR, was dry on all occasions hydraulic conductivity tests were attempted.

Table 3.6 – Summary of Hydraulic Conductivity Measurement Locations

Location	Location	Location	Location
SB915-MW-87BR	SB915-MW-89S	SB915-MW-92D	SB915-MW-97S
SB915-MW-871	SB915-MW-90BR	SB915-MW-92I	SB915-MW-98S
SB915-MW-87S	SB915-MW-90I	SB915-MW-92S	SB915-MW-99S
SB915-MW88BR	SB915-MW-90S	SB915-MW-93BR	SB915-MW-100S
SB915-MW-88D	SB915-MW-91BR	SB915-MW-93D	SB915-MW-101S
SB915-MW-88I	SB915-MW-91D	SB915-MW-93I	SB915-MW-102S
SB915-MW-88S	SB915MW-91I	SB915-MW-93S	SB915-MW-103S
SB915-MW-89BR	SB915-MW-91S	SB915-MW-94S	SB915-WB-02L
SB915-MW-89D	SB915-MW-91SN	SB915-MW-95S	SB915-WB-02U
SB915-MW-89I	SB915-MW-92BR	SB915-MW-96S	SB915-WB-04L
			SB915-WB-04U

Notes:
 SB915-WB-02U and WB-02L are part of the SB915-MW-87 cluster.
 SB915-WB-04U and WB-04L are part of the SB915-MW-90 cluster.

The slug tests were performed to estimate the horizontal hydraulic conductivity of materials surrounding the well screen. Both rising and falling head tests were performed at each well when the screen was fully saturated. Only rising head tests were performed on wells with partially saturated screens. The groundwater level measurements were recorded using an electronic data logger. The data collected were analyzed using the Bouwer and Rice (1976) method with the software AquiferWin®. For monitoring wells showing an oscillatory response due to high hydraulic conductivity, the data were analyzed using the High K-Test spreadsheets provided by Butler and Garnett (2000). A summary of the estimated hydraulic conductivities is presented in **Table 2** and the data plots are presented in **Appendix D**.

3.7 GROUNDWATER ELEVATION MONITORING

Groundwater elevations within each monitoring well were evaluated by collecting monthly water level measurements from each of the newly installed monitoring wells and selected historic monitoring wells. **Figure 5-1** shows the monthly groundwater gauging locations. **Table 2** presents a summary of monthly depth to water measurements and calculated groundwater elevations. Water level measurements were referenced to the top of

PVC casing. Groundwater specific gravity (density) measurements were collected via hydrometer from each location by lowering a bottom loading stainless steel bailer into the screen interval and removing a water sample for measurement, or during low flow sampling from the discharge line of the pump.

3.7.1 Equivalent Fresh Water Head Calculations

Equivalent fresh water head (EFH) values were calculated to account for variations in the density of the groundwater present at the site. Conventional groundwater head (water level) is calculated by measuring the depth to water and subtracting the depth to water from a reference elevation. In using this method, the well casing acts as a pressure gauge. The measured water column in the well is equal to the pressure (P) in the aquifer at the base of the well (assumes well has an infinitely small screen) divided by the density of the water (ρ) in the well and the gravitational constant (g).

$$\text{Water column} = \frac{P}{\rho g}$$

The height of the water column is a function of the density of the water. Therefore, the groundwater head calculated by the conventional method of water level measurements is a function of the density of the water in the well column.

The true head or potential is not a function of the density of the water column in the well. To express head using a common reference, the concept of EFH was introduced. The EFH is calculated using the following formula:

$$\text{EFH} = [\text{Density} \times \text{Water level}] + [(1 - \text{Density}) \times \text{Screen depth}],$$

where Density = measured specific gravity by hydrometer, Water level = measured water level (elevation), and Screen depth = elevation of screen midpoint. **Exhibit 6** details the EFH calculation.

3.8 SURVEY

Monitoring well locations were surveyed by a New York-licensed surveyor. For monitoring wells, the New York State Plane coordinates (NAD 83) were surveyed, and the ground surface elevation (NAVD 88) and top of casing elevation were surveyed to allow for the calculation of groundwater elevations and development of groundwater flow maps. Elevations were surveyed to the nearest 0.01 ft. The location and elevation data are presented in **Table 2**.

3.9 RESIDENTIAL WELL SURVEY

A survey of public and private wells within one mile downgradient and one-quarter mile upgradient of the SCA was completed to obtain relevant and available information.

O'Brien & Gere hired Environmental Data Resources, Inc. (EDR) to perform a water well search in a 2-mile radius from the site on January 10, 2011 (EDR, 2011). The survey searched available government records on the target property and within the search radius around the target property from the databases outlined on pages 3 through 4 of the Executive Summary of the EDR Report (**Exhibit 3-1**). Based on the residential well survey, no public or private drinking water wells were identified within the 2-mile search radius. A map of the search radius is presented in **Exhibit 3-2**.

3.10 GROUNDWATER QUALITY SAMPLING AND ANALYSIS

In accordance with Part 360, baseline water quality at the site must be established prior to the deposition of solid waste at the facility. Baseline water quality at the site was established by sampling the site monitoring wells for the Expanded Parameter list for the first sampling event at each monitoring well and Baseline Parameter list for a minimum of three additional quarters. The Expanded Parameter list includes scans for Volatile Organic Compounds (VOCs), Semi Volatile Organic Compounds (SVOCs), metals, pesticides, PCBs, and dioxin. The Baseline Parameter list does not include all the compounds within the Expanded Parameter list such as SVOCs, pesticides, PCBs, and dioxin. Groundwater quality samples were collected by O'Brien & Gere field

personnel and analyzed by Accutest ® Laboratories of Dayton, New Jersey and Test America of Pittsburgh, Pennsylvania.

Groundwater samples were collected using low flow purging techniques. Low flow purging involves inserting a stainless steel pump (Grundfos Rediflow®) and dedicated polyethylene tubing within the screened interval of the well and purging at a maximum rate of 0.5 L/min. During purging, groundwater levels were monitored to document stabilization. In addition, groundwater quality parameters including pH, conductivity, temperature, ORP, turbidity, and dissolved oxygen were monitored continuously using an in-line meter. Samples were collected directly from the tubing once the groundwater quality parameters stabilized or after the removal of three well volumes. If the hydrogeologic unit did not produce sufficient water to allow for low flow purging, a bailer was used to purge the well and collect a sample once a sufficient amount of water entered the well. The field parameters collected during the groundwater purging and sampling were recorded on a groundwater sampling log (**Appendix E**).

A summary of the locations sampled and the analyses performed is below.

Location	Mar-11	Jun-11	Sep-11	Dec-11	Mar-12	May-12	Jul-12
SB915-MW-87BR	Expanded	Baseline	Baseline	Baseline	Baseline	Baseline	Baseline
SB915-MW-87I	Expanded	Baseline	Baseline	Baseline	Baseline	Baseline	Baseline
SB915-MW-87S	NI	NI	Expanded	Baseline	Baseline	Baseline	Baseline
SB915-MW88BR	Expanded	Baseline	Baseline	Baseline	Baseline	Baseline	Baseline
SB915-MW-88D	Expanded	Baseline	Baseline	Baseline	Baseline	Baseline	Baseline
SB915-MW-88I	Expanded	Baseline	Baseline	Baseline	Baseline	Baseline	Baseline
SB915-MW-88S	Expanded	Baseline	Baseline	Baseline	Baseline	Baseline	Baseline
SB915-MW-89BR	Expanded	Baseline	Baseline	Baseline	Baseline	Baseline	Baseline
SB915-MW-89D	Expanded	Baseline	Baseline	Baseline	Baseline	Baseline	Baseline
SB915-MW-89I	Expanded	Baseline	Baseline	Baseline	Baseline	Baseline	Baseline
SB915-MW-89S	Expanded	Baseline	Baseline	Baseline	Baseline	Baseline	Baseline
SB915-MW-89SR	NS ^{dry}	NS ^{dry}	NS ^{dry}	NS ^{dry}	NS ^{dry}	NS ^{dry}	NS ^{dry}
SB915-MW-90BR	Expanded	Baseline	Baseline	Baseline	Baseline	Baseline	Baseline
SB915-MW-90I	Expanded	Baseline	Baseline	Baseline	Baseline	Baseline	Baseline
SB915-MW-90S	NI	NI	Expanded	Baseline	Baseline	Baseline	Baseline
SB915-MW-91BR	Expanded	Baseline	Baseline	Baseline	Baseline	Baseline	Baseline
SB915-MW-91D	Expanded	Baseline	Baseline	Baseline	Baseline	Baseline	Baseline
SB915-MW-91I	Expanded	Baseline	Baseline	Baseline	Baseline	Baseline	Baseline
SB915-MW-91S	Expanded	Baseline	Baseline	Baseline	Baseline	Baseline	Baseline
SB915-MW-91SN	Expanded	Baseline	Baseline	Baseline	Baseline	Baseline	Baseline
SB915-MW-92BR	Expanded	Baseline	Baseline	Baseline	Baseline	Baseline	Baseline
SB915-MW-92D	Expanded	Baseline	Baseline	Baseline	Baseline	Baseline	Baseline
SB915-MW-92I	Expanded	Baseline	Baseline	Baseline	Baseline	Baseline	Baseline
SB915-MW-92S	Expanded	Baseline	Baseline	Baseline	Baseline	Baseline	Baseline
SB915-MW-93BR	NI	NI	Expanded	Baseline	Baseline	Baseline	Baseline
SB915-MW-93D	NI	NI	Expanded	Baseline	Baseline	Baseline	Baseline
SB915-MW-93I	NI	NI	Expanded	Baseline	Baseline	Baseline	Baseline
SB915-MW-93S	NI	NI	Expanded	Baseline	Baseline	Baseline	Baseline
SB915-MW-94S	NI	NI	Expanded	Baseline	Baseline	Baseline	Baseline
SB915-MW-95S	NI	NI	Expanded	Baseline	Baseline	Baseline	Baseline

Table 3.10 – Summary of Monitoring Wells Sampled

Location	Mar-11	Jun-11	Sep-11	Dec-11	Mar-12	May-12	Jul-12
SB915-MW-96S	NI	NI	Expanded	Baseline	Baseline	Baseline	Baseline
SB915-MW-97S	NI	NI	Expanded	Baseline	Baseline	Baseline	Baseline
SB915-MW-98S	NI	NI	Expanded	Baseline	Baseline	Baseline	Baseline
SB915-MW-99S	NI	NI	Expanded	Baseline	Baseline	Baseline	Baseline
SB915-MW-100S	NI	NI	Expanded	Baseline	Baseline	Baseline	Baseline
SB915-MW-101S	NI	NI	Expanded	Baseline	Baseline	Baseline	Baseline
SB915-MW-102S	NI	NI	Expanded	Baseline	Baseline	Baseline	Baseline
SB915-MW-103S	NI	NI	Expanded	Baseline	Baseline	Baseline	Baseline
SB915-WB-02L	Expanded	Baseline	Baseline	Baseline	Baseline	Baseline	Baseline
SB915-WB-02U	Expanded	Baseline	NS	NS	NS	NS	NS
SB915-WB-04L	Expanded	Baseline	Baseline	Baseline	Baseline	Baseline	Baseline
SB915-WB-04U	Expanded	Baseline	NS	NS	NS	NS	NS

Notes:

NI = Not Installed

NS = Not Sampled

SB915-WB-02U was replaced by SB915-MW-87S and SB915-WB-04U was replaced by SB915-MW-90S as the historic wells were not screened across the water table.

4 SITE INVESTIGATION RESULTS

This section provides discussion of the properties and extent of the geologic materials underlying the SCA, and describes the following:

- Hydrogeologic conditions under and immediately surrounding the SCA
- Thickness and geologic properties of the overburden formation
- Direction and rate of groundwater flow of the overburden and bedrock groundwater flow systems
- Water quality characteristics of the overburden and bedrock groundwater flow systems

The summary of geologic and hydrogeologic conditions is based on data collected during the Hydrogeologic Investigation and previous investigations conducted at Wastebeds 9-15. A list of previous investigations is provided as **Exhibit 4**.

4.1 ENVIRONMENTAL SETTING

This section presents the physical features of the SCA site.

4.1.1 Location

The SCA will be located on Wastebed 13 in the Town of Camillus, Onondaga County, New York (**Figure 1**). Wastebed 13 occupies approximately 163 acres and is bordered to the north by Ninemile Creek and CSX Railroad tracks; to the west by an Onondaga County Garage property, a former gravel excavation owned by Honeywell, and a few residential properties; and to the east and south by Wastebeds 12 and 14, respectively (**Figure 2**). The site elevation ranges from 392 at the base of the wastebed berms to 448 ft at the highest wastebed berms above mean sea level (**Figure 9**). Wastebed 13 is located within Ninemile Creek Valley.

4.1.2 Climate

Onondaga County has a humid, continental climate. Annual precipitation averages about 38 inches with 124 inches of snowfall. The mean annual temperature is 48°F, with a mean July temperature of 71°F and a mean January temperature of 24°F. Record temperatures range from 102°F in July to -26°F in January and February. The frost-free season lasts from 150 to 180 days per year (Climatological Narrative For Syracuse, New York). The National Weather Service Station at Hancock International Airport in Syracuse, New York collects weather data for the area.

4.2 REGIONAL GEOLOGIC SETTING

Ninemile Creek Valley is a glacially-scoured bedrock channel (**Figure 10**). As the glaciers advanced they scoured a trough into the bedrock. The Ninemile Creek Valley trough is oriented southwest to northeast and bedrock surface dips along the center axis of the trough downward to the northeast. The axis of the trough appears to run under Wastebed 13. To the southeast (under Wastebeds 12, 14, and 15) and the northwest the bedrock surface rises to form the valley wall. The elevation of the top of bedrock is variable with a reported low elevation of 250 ft above mean sea level and a high elevation of 450 ft above mean sea level (**Exhibit 5**) (BB&L, 1989).

The Vernon Formation is the first encountered bedrock formation. This formation is composed of thick-bedded red and green mudstone, argillaceous dolostone, gypsum, and green shale (Kappel and Miller, 2005). Following the retreat of the glaciers, till and glaciofluvial and glaciolacustrine deposits filled the trough. In general, the geology of Ninemile Creek Valley consists of over 100 ft of glaciofluvial and glaciolacustrine deposits overlying till and bedrock. The energy of the meltwater flow decreased as it flowed down the Ninemile Creek Valley to Glacial Lake Iroquois. As a result, the deposits transition from coarser grained, permeable sediments in the southwest to finer grain, less permeable sediments to the northeast near the present-day edge of Onondaga Lake (Kappel and Miller, 2005). In general, four basic geological units make up native materials in the Ninemile Creek Valley:

1) Bedrock

- 2) Till
- 3) A poorly sorted, mixed glaciofluvial unit consisting of a variety of fluvial sediments in varying grain sizes referred to as the mixed Ninemile Creek deposits
- 4) A prograding, glaciolacustrine sequence of deposits

4.3 SITE GEOLOGIC SETTING

Wastebed 13 is bordered by Wastebeds 12 and 14 to the south while the Ninemile Creek flood plain is located to the north and west. Wastebeds 12 and 14 are approximately 20 feet higher than Wastebed 13 and the Ninemile Creek flood plain is 60 feet lower than the top of Wastebed 13 (**Figure 9**). Wastebeds 12, 14, and 15 have been constructed on the original ground surface. Wastebed 13 extends to an approximate depth of 35 feet below the original land surface, as it overlies a former sand and gravel quarry (**Figure 12**).

The locations of cross-sections through the site are presented on **Figure 12**. The cross-sections display the thickness of the glacial valley deposits and the elevation of the bedrock surface found beneath the site. Cross-sections A-A' and B-B' (**Figure 13** and **Figure 14**) are oriented parallel and perpendicular to the axis of the valley, respectively. Cross-section C-C' (**Figure 15**) is a perimeter cross section around Wastebed 13 from the western to the northeastern side. Cross-section D-D' (**Figure 16**) is a cross section around Wastebed 13 from the southwestern to the northeastern side.

As discussed in detail in Section 2.1, the wastebeds are composed of hydraulically placed Solvay waste. The observed thickness of Solvay waste within Wastebed 13 ranges from 30 to 91 feet. The variation in thickness of Solvay waste can be attributed to the tiered nature of the wastebed and removal of material from the former sand and gravel quarry.

Underlying Wastebed 13, outside the extent of the former sand and gravel quarry (**Figure 14**), is a glaciolacustrine sequence of deposits. Generally, these deposits are composed of silt and varying amounts of fine grained sand and clay. The glaciolacustrine deposits range from 2 to 17 feet in thickness where present.

Where the prograding glaciolacustrine sequence of deposits are present there is a gradual transition to the underlying mixed Ninemile Creek deposits. The mixed Ninemile Creek deposits are composed of a poorly sorted, glaciofluvial deposit consisting of silt, sand, gravel, and cobbles of varying sizes. The glaciofluvial sequence varies in thickness and composition horizontally and vertically as is expected of such deposits. The observed thickness of the mixed Ninemile Creek deposits ranges from 119 feet near the northeastern edge of Wastebed 13 to 45 feet near the southern edge of Wastebed 13. The differences in thicknesses of the mixed Ninemile Creek deposits are attributed to a combination of the change in relief of the bedrock valley walls and the excavation of material within the former sand and gravel quarry. Till has been observed to occur within the glaciofluvial deposits and is likely an ablation till (**Figure 13**).

Immediately underlying the mixed Ninemile Creek deposits is a till. The till unit in the immediate area around and underlying Wastebed 13 consists of dense, red, sandy silt with variable amounts of gravel and clay. The till is of variable thickness ranging from 3 feet at the western edge to 62 feet at the southwestern edge of Wastebed 13 (**Figure 13** to **Figure 16**). The thickness of the till is largely consistent in most areas ranging from 10 to 23 feet. The exceptions to this are the upgradient well locations SB915-MW-92BR and SB915-MW-91BR which have thicknesses of 62 and 52 feet, respectively. The variations in the elevation of till surface approximately mirrors that of the underlying bedrock surface.

Immediately below the till unit is bedrock. Due to the highly weathered nature of the upper portion of the bedrock, the transition from till to bedrock appears gradual in places. The bedrock consists of highly weathered and fractured, thinly laminated, fissile, red and green mudstone, argillaceous dolostone, gypsum, and green shale (the Vernon Formation), with remineralization of calcite/gypsum within some of the fractures.

4.4 REGIONAL HYDROGEOLOGY AND HYDROLOGY

4.4.1 Surface Water

Ninemile Creek is the dominant surface water body in the Ninemile Creek Valley and flows from the southwest to northeast through the valley and discharges to Onondaga Lake. The creek was re-routed to the area between Wastebeds 9 through 11 and Wastebeds 12 through 15 in 1944 (BB&L, 1989). The average annual flow in the creek is 177 cubic feet per second (cfs), based on United States Geologic Survey [USGS] data from 1971 to 2010. Geddes Brook, which is situated east of Wastebeds 12 through 15, enters Ninemile Creek from the south and Beaver Meadow Brook enters Ninemile Creek from the west upstream from Wastebeds 9 through 11. There is one USGS stream gauging station along Ninemile Creek in the vicinity of the wastebeds. The location and Internet address is:

- Lakeland - http://waterdata.usgs.gov/ny/nwis/dv/?site_no=04240300&PARAMeter_cd=00065

4.4.2 Groundwater

The regional groundwater flow of the Ninemile Creek Valley is from the southwest to the northeast towards Onondaga Lake, mimicking the regional topography. Groundwater flow in the Ninemile Creek Valley occurs in the bedrock, mixed Ninemile Creek deposits, and the shallow fill zone. In the Ninemile Creek Valley between Wastebeds 9-11 and Wastebeds 12-15, a portion of overburden groundwater discharges to Ninemile Creek (BB&L, 1989).

4.5 SITE HYDROGEOLOGY AND HYDROLOGY

4.5.1 Surface Water

Runoff from the perimeter berms of Wastebed 13 is collected in the drainage swale at the toe of the wastebed and discharges to Ninemile Creek or a former gravel pit on the north west side of Wastebed 13. As discussed in Section 2.1, Outfall 18 discharges upstream of the railroad bridge crossing Ninemile Creek. Along the northwest edge of Wastebed 13 between SB915-MW-88S and SB915-MW-89S, Ninemile Creek is approximately 200 ft from the toe of the wastebed berm. Precipitation on the interior of Wastebed 13 that is not lost through evapotranspiration either infiltrates into the wastebed, or is collected in the weir boxes and conveyed through buried overflow pipes to the LCCS at the toe of the wastebed (**Figure 2**).

4.5.2 Groundwater

This section describes groundwater flow within various geologic deposits. Monthly groundwater elevations for a period of one year (March 2011 to February 2012) are presented in **Table 2. Figures 5-2 to Figure 8-12** depict the monthly groundwater elevations from March 2011 through February 2012 for shallow native, intermediate native, deep native and bedrock units.

In general, the site hydrogeology can be divided into seven units:

- Shallow fill unit
- Glaciolacustrine unit
- Mixed Ninemile Creek
 - » Shallow native unit, consisting of upper portion of mixed Ninemile Creek deposits
 - » Intermediate native unit, consisting of center portion of mixed Ninemile Creek deposits
 - » Deep native unit, consisting of lower portion of mixed Ninemile Creek deposits
- Till unit
- Bedrock unit

The following summary of groundwater conditions is based on data collected during the Hydrogeologic Investigation conducted at the SCA, as well as interpretation of data collected during prior investigations.

The data collected during September 2011 was selected as a representative month because all of the new monitoring wells were installed at that time and, in general, groundwater conditions were consistent with data collected throughout the 12 monthly water level events. A detailed discussion of geochemical data collected is presented in Section 4.7.

As summarized in **Section 3.7.1**, and described in **Exhibit 6**, the height of water observed in a piezometer or monitoring well (hydraulic head or potentiometric head) is governed by the pressure of the fluid (water) in the aquifer, the density of the fluid, and the force of gravity. Typically, when groundwater is fresh, with low dissolved solids (TDS) and a density close to 1 g/cm³, no corrections are necessary because EFH corrected values are essentially equivalent to the field head measurement. However, when the TDS concentration is high enough to affect the density of the water, this will also be reflected in the actual field measurement of elevation head. In this case, EFH calculations will result in a significant difference in water level values, and the EFH calculation should be used to adjust field measurements to a common datum (fresh water). As a result of the corrections to a common freshwater datum, hydraulic head between wells can be compared and hydraulic head contours provide a representation of general hydraulic head gradient. The discussion below describes groundwater movement utilizing EFH values.

Shallow Fill Unit

Shallow fill groundwater occurs within the Solvay waste in the wastebed. Two new monitoring wells were installed within the Solvay waste upgradient of Wastebed 13: SB915-MW-91S and SB915-MW-92S. The groundwater elevations ranged from 426.4 ft AMSL on October 18, 2011 to 429.64 ft AMSL on May 19, 2011 at SB915-MW-91S, and from 418.86 ft AMSL on August 30, 2011 to 432.45 ft AMSL on April 27, 2011 at SB915-MW-92S (**Table 2**). Groundwater within the shallow fill unit is recharged by precipitation. Groundwater typically flows from the mounded wastebed to the north and west, mimicking the sharp change in site topography. Horizontal groundwater flow through the Solvay waste is considered limited due to the low permeability of the material. As discussed in Section 2.1, a portion of shallow fill groundwater is collected in the LCCS and in historic weir boxes that still collect wastebed groundwater and surface runoff. Water from the weir boxes is conveyed through buried overflow pipes to the LCCS (**Figure 2**).

Glaciolacustrine Unit (Silt and Clay)

The glaciolacustrine deposits (silt and clay) are discontinuous beneath Wastebed 13 and, where present, act as a locally semi-confining unit due to their low hydraulic conductivity. Horizontal groundwater flow through this unit is considered limited due to the low permeability. This unit is present along the south edge of the wastebed (**Figure 16**). The presence of this unit directly beneath the southern edge of the wastebed acts as a confining unit limiting vertical migration of shallow fill groundwater into the underlying shallow native and mixed Ninemile deposits. No monitoring wells were installed in this unit due to its low permeability.

Shallow Native Unit

The shallow native groundwater occurs within the upper portion of the mixed Ninemile Creek deposits and includes the water table outside the extent of the wastebed. Shallow groundwater flow is consistently towards the northeast and in general migrates towards Onondaga Lake following the regional flow of the Ninemile Creek Valley. Due to the variable groundwater densities within the shallow native unit (as discussed in Section 4.7), hydraulic gradients were calculated using the EFH. Hydraulic gradients ranged from 0.0008 ft/ft during seasonally high groundwater elevations in April 2011 to 0.0006 ft/ft during seasonally low groundwater elevations in August 2011. **Figures 5-2 to Figure 5-13** present groundwater elevation contours generated from groundwater levels collected from March 2011 to January 2012. The calculated EFH elevations fluctuated approximately 3.9 ft seasonally, based on data from the four monitoring wells, SB915-MW-88S, SB915-MW-89S, SB915-WB-02U, and SB915-WB-04U, installed within the shallow native unit (**Table 2**). The maximum fluctuation within a single Shallow Native well was 5.04 feet observed at SB915-WB-05U located on the opposite side on Ninemile Creek near Wastebeds 9-11. The minimum fluctuation within a single shallow native well was 1.55 feet observed at SB915-MW-93S located northwest of the SCA.

The 3.9 ft average was derived by taking the maximum groundwater EFH from each well and subtracting the minimum groundwater EFH for each well and arriving at the maximum EFH fluctuation from each well. Then an average of the EFH fluctuation was calculated for all wells installed in the shallow native unit (**Table 2**).

Groundwater within the shallow native unit is recharged by precipitation percolating through the overburden material and to some extent shallow fill groundwater discharging from the wastebed. As mentioned above in Section 4.3, the remnants of a former sand and gravel quarry are present beneath Wastebed 13. These coarse and permeable materials act as a conduit for the groundwater flow from the shallow fill into the shallow native unit. Some portion of the shallow native groundwater discharges to Ninemile Creek and a surface water depression near a former gravel pit.

Intermediate Native Unit

The intermediate native groundwater occurs between the shallow native and deep native units. Intermediate native groundwater flow is consistently towards the northeast and in general migrates towards Onondaga Lake following the regional flow of Ninemile Creek valley. Due to the variable groundwater densities within the intermediate unit (as discussed in Section 4.7), hydraulic gradients were calculated using the EFH. The hydraulic gradient between SB915-MW-87I and SB915-MW-90I ranged from 0.0008 ft/ft during seasonally high groundwater elevations in April 2011 to 0.0005 ft/ft during seasonally low groundwater elevations in August 2011. **Figures 6-1 to Figure 6-12** show groundwater elevations collected from March 2011 to January 2012. Seasonally the groundwater elevations fluctuated approximately 3.8 ft based on data from monitoring wells SB915-MW-87I, SB915-MW-88I, SB915-MW-89I, SB915-MW-90I, SB915-MW-91I, and SB915-MW-92I, which were installed for all of the groundwater elevation monitoring events (**Table 2**).

The intermediate native groundwater unit is in good hydraulic connection with the shallow native groundwater and deep native groundwater as all these units are part of the permeable mixed Ninemile Creek deposits that were deposited within the Ninemile Creek Valley.

Deep Native Unit

The deep native groundwater unit occurs in the deeper unconsolidated materials. Deep native groundwater flow is toward the northeast following the regional flow of the Ninemile Creek valley. Due to the variable groundwater densities within the deep native unit (as discussed in Section 4.7), hydraulic gradients were calculated using the EFH. As described above in Section 3.7.1, measured groundwater elevations were corrected for the density of the water within the monitoring well screen. Some specific gravity (density) measurements at each monitoring location fluctuated from month to month, but EFH consistently showed an overall flow of groundwater to the northeast as seen in **Figures 7-1 to 7-12**. The calculated EFH hydraulic gradient ranged from 0.0061 ft/ft during seasonally low groundwater elevations in August 2011 to 0.001 ft/ft during seasonally high groundwater elevations in April 2011. For monitoring wells SB915-MW-88D, SB915-MW-89D, SB915-MW-91D, SB915-MW-92D, SB915-WB-02L, and SB915-WB-04L, which were installed for all of the groundwater elevation monitoring events, the average groundwater elevations ranged from 372.39 ft AMSL in August 2011 to 376.53 ft AMSL in March 2012. Groundwater elevations for the 12-month monitoring period fluctuated approximately 3.8 ft (**Table 2**).

The deep native groundwater unit is in hydraulic connection with the intermediate native groundwater as both units are part of the permeable mixed Ninemile Creek deposits.

Till Unit

The till unit consists mainly of varying amounts of silt, clay, sand, and gravel in a dense compacted layer above the bedrock unit. Because of the low permeability, this unit is not considered a zone of significant groundwater flow. Therefore, no monitoring wells have been installed in this unit on the site. In general, the till acts as a confining layer between the deep native groundwater unit and the bedrock groundwater unit.

Bedrock Unit

Groundwater occurring in the bedrock is separated from the deep native groundwater by the till unit. Bedrock groundwater flow likely occurs through bedding planes and secondary fractures. Due to the low hydraulic conductivity, groundwater flow within the bedrock is slow and in general migrates towards Onondaga Lake following the regional flow of Ninemile Creek valley (**Figures 8-1 through 8-12**).

Due to the variable groundwater densities within the bedrock unit (as discussed in Section 4.7), groundwater elevations were calculated using the EFH. **Figures 8-1 through 8-12** show the groundwater elevations for the bedrock wells across the site for the 12-month period from which data were collected. There is potential that the movement of groundwater within the wells during sampling events affects the density within the well. As seen on **Table 2**, the groundwater densities in the bedrock wells in the months immediately following a sampling event are lower and gradually increase in following months. This pattern repeats for the last three sampling events. The amount of change in the density directly correlates with the hydraulic conductivity of the rock surrounding each well. The monitoring wells with higher hydraulic conductivity (SB915-MW-87BR, MW-88BR, MW-89BR, and MW-90BR) show a greater change in specific gravity (density), while monitoring wells with lower hydraulic conductivity (SB915-MW-91BR, MW-92BR, MW-93BR) show less change, if any.

Due to the low hydraulic conductivity of the bedrock, groundwater recharge along the valley wall is expected to be limited. Groundwater interaction with the overburden is limited by the low permeability till separating the two units.

4.6 HYDRAULIC CONDUCTIVITY ESTIMATES

As discussed in Section 3.6, *in situ* hydraulic conductivity tests (slug test) were performed on all newly installed and selected historic monitoring wells used during the investigation. **Table 4.4** presents the geologic unit, hydrogeologic zone, range of hydraulic conductivity values, and the geometric mean of the hydraulic conductivity for the hydrogeologic zones.

Table 4.4 – Summary of Estimated Hydraulic Conductivity

Geologic Unit	Zone	Elevation of Screen Range (ft above MSL)	Estimated Hydraulic Conductivity Range				Geometric Mean			
			(cm/sec)		(ft/day)		(cm/sec)	(ft/day)		
Solvay Waste	Shallow Fill	426 - 399	2.1E-06	-	4.5E-05	0.006	-	0.13	9.7E-06	0.03
GD (Silt, clay, f sand)	Shallow Native	379 - 360	9.7E-06	-	5.7E-05	0.03	-	0.16	2.4E-05	0.07
MNM (Gravel and Sand)	Shallow Native	377- 357	2.1E-02	-	2.9E-01	59	-	834	7.8E-02	222
MNM (Gravel and Sand)	Intermediate	359 - 322	2.0E-03	-	3.1E-02	6	-	88	8.0E-03	22
MNM (Gravel and Sand)	Deep	356 - 296	3.6E-04	-	2.2E-01	1	-	609	8.8E-03	24
Till	Till	302 - 297	2.6E-04*		0.7*		NA		NA	
Bedrock	Bedrock	301 - 240	1.4E-07	-	1.4E-04	0.0004	-	0.4	4.4E-06	0.01

Notes:

GD – Glaciolacustrine Deposits

MNM – mixed Nine Mile Creek Deposits

* – Data from *Hydrogeological Assessment of the Allied Waste Beds in the area of Syracuse* (BB&L, 1989).

4.6.1 Shallow Fill Zone

Slug tests were performed on the two wells installed in the Solvay waste, SB915-MW-91S and SB915-MW-92S. The hydraulic conductivity values for the shallow fill zone ranged from 2.1E-06 to 4.5E-05 cm/sec (0.006 to 0.1

ft/day) with a geometric mean value of $9.7\text{E-}06$ cm/sec (0.03 ft/day). Historic estimates of the hydraulic conductivity of the Solvay waste ranged from $1\text{E-}04$ cm/sec to $4\text{E-}04$ cm/sec (0.3-1 ft/day) (BB&L, 1989). The lower values collected during the Hydrogeologic Investigation are most likely a function of the variable permeability within the wastebed. The hydraulic conductivity values of the Solvay waste are low compared to the surrounding overburden material and limit the leachate migration from the beds into the native formation.

4.6.2 Overburden Water-Yielding Zone

Slug tests were performed on the 35 monitoring wells installed in the overburden unit. The overburden immediately adjacent to the SCA was segregated into two distinct subunits: the glaciolacustrine deposits consisting of silt and varying amounts of fine grained sand and clay, and the mixed Ninemile Creek deposits consisting of varying amount of gravel, sand, and silt. The hydraulic conductivities of these two subunits are very distinct and the effect on groundwater migration is also expected to be very distinct.

4.6.3 Glaciolacustrine Deposits

The glaciolacustrine deposits consist of silt and varying amounts of fine grained sand and clay. The deposits are discontinuous under and immediately adjacent to the SCA due to the removal of material within the extent of the former sand and gravel quarry (**Figure 14**). Hydraulic conductivity values for the glaciolacustrine deposits ranged from $9.74\text{E-}06$ to $5.66\text{E-}05$ cm/sec (0.03 to 0.16 ft/day) with a geometric mean value of $2.35\text{E-}05$ cm/sec (0.07 ft/day). Historic data collected estimates the hydraulic conductivity of the glaciolacustrine deposits at $4\text{E-}03$ to $1\text{E-}03$ cm/sec (12 to 3 ft/day) (O'Brien & Gere, 2009). The values observed under the SCA are considerably lower than the historic values and are a function of the varying amounts of silt, fine grained sand, and clay observed in the deposits across the valley.

4.6.4 Mixed Ninemile Creek Deposits

The mixed Ninemile Creek deposits consist of varying amounts of sand, gravel, silt, and cobbles. Hydraulic conductivity values for the mixed Ninemile Creek deposit ranged from $2.94\text{E-}01$ to $3.57\text{E-}04$ cm/sec (844 to 1 ft/day) with a geometric mean value of $2\text{E-}02$ cm/sec (50 ft/day). Historical estimates of the hydraulic conductivity of the mixed Ninemile Creek deposit ranged from $2\text{E-}04$ to $9\text{E-}03$ cm/sec (0.5 to 24 ft/day) (O'Brien & Gere, 2009).

4.6.5 Till

No additional hydraulic conductivity data were collected for the till unit. Historic estimates of the hydraulic conductivity for the till unit were $2.6\text{E-}04$ cm/sec (0.7 ft/day) (BB&L, 1989).

4.6.6 Bedrock

Slug tests were performed on the six wells installed in the bedrock formation. Hydraulic conductivity values for the bedrock formation ranged from $1.37\text{E-}07$ to $1.41\text{E-}04$ cm/sec (0.0004 to 0.04 ft/day) with a geometric mean value of $4.40\text{E-}06$ cm/sec (0.01 ft/day).

4.7 GROUNDWATER GEOCHEMISTRY

Geochemical data collected during the Hydrogeologic Investigation were used to plot geochemical signatures on Stiff diagrams. Based on the diagrams, four distinct patterns illustrate the four groundwater types observed at the SCA site. These four groundwater water types are summarized below:

- 1) Leachate from the wastebeds
- 2) Native overburden groundwater
- 3) Native Bedrock groundwater (brine)
- 4) A mixture of native overburden groundwater and leachate

Stiff diagrams comparing major anions and cations (magnesium, calcium, sodium, potassium, sulfate, bicarbonate, carbonate, and chloride) concentrations from the September 2011 (third quarter) sampling event are presented in **Figures 21** through **Figure 24-4**. Each of these patterns is displayed on the figures, and each

pattern has been color coded to better illustrate similar water types. The third quarter sampling event was used as it is the most complete set of data (all wells within the monitoring well network were installed). The distribution of the different groundwater types is depicted on **Figures 17 through 20**. **Table 4.7** presents key geochemical parameters that help characterize the different groundwater types. These parameters include, pH, sodium, calcium, chloride, bromide, and total dissolved solids (TDS), which represents the total amount of mobile charged ions dissolved in water.

Table 4.7 Summary of Key Groundwater Geochemistry Values September 2011

Location	Water Type	pH	TDS mg/L	Sodium mg/L	Calcium mg/L	Chloride mg/L	Bromide mg/L
SB915-MW-87S	Native Overburden	8.81	403	45.8	111	101	0.58J
SB915-MW-94S	Native Overburden	6.59	753	54.7	170	196	0.43J
SB915-MW-96S	Native Overburden	7.12	849	71.2	146	241	0.52J
SB915-MW-91S	Leachate	12.10	31,200	3,090	7,300	17,300	24.9J
SB915-MW-92S	Leachate	12.17	21,200	3,680	5,480	12,200	24.6
SB915-MW-87I	Native Overburden-Leachate	7.59	2,820	449	333	1,110	2.8J
SB915-MW-88D	Native Overburden-Leachate	7.09	18,200	2,100	3,290	11,300	11.8J
SB915-MW-88I	Native Overburden-Leachate	7.59	7,970	686	1,450	4,480	7.6J
SB915-MW-88S	Native Overburden-Leachate	6.92	1,310	125	238	492	1.1J
SB915-MW-89D	Native Overburden-Leachate	6.75	11,300	1,110	2,060	6,180	10.9J
SB915-MW-89I	Native Overburden-Leachate	7.17	6,580	654	878	3,070	6J
SB915-MW-89S	Native Overburden-Leachate	7.25	1,280	123	235	436	2J
SB915-MW-90I	Native Overburden-Leachate	7.29	6,940	847	1,040	3,620	7J
SB915-MW-90S	Native Overburden-Leachate	6.85	5,140	589	789	2,600	3.9J
SB915-MW-91D	Native Overburden-Leachate	7.71	4,780	580	782	2,380	5.2J
SB915-MW-91I	Native Overburden-Leachate	7.21	4,500	580	750	2,120	4.1J
SB915-MW-91SN	Native Overburden-Leachate	6.65	4,780	546	827	2,260	4.2J
SB915-MW-92D	Native Overburden-Leachate	7.18	2,010	266	291	756	2J
SB915-MW-92I	Native Overburden-Leachate	7.74	5,420	712	997	2,790	8.4
SB915-MW-93D	Native Overburden-Leachate	7.19	4,950	522	838J	2,140J	4.5J
SB915-MW-93I	Native Overburden-Leachate	6.92	4,990	507	811J	2,100J	4.8J
SB915-MW-93S	Native Overburden-Leachate	6.89	4,680	403	788J	1,930J	4.2J
SB915-MW-95S	Native Overburden-Leachate	8.72	1,750	357	538	685	2.6J
SB915-MW-97S	Native Overburden-Leachate	6.93	1,660	136	295	610	1.2J
SB915-MW-98S	Native Overburden-Leachate	6.56	2,840	219	418	1,020	1.8J
SB915-MW-99S	Native Overburden-Leachate	6.82	4,500	445	751	2,600	3.7J
SB915-MW-100S	Native Overburden-Leachate	7.99	3,560	243	391	1,600	3J
SB915-MW-101S	Native Overburden-Leachate	7.74	7,690	761	1,200	4,340	7.8J
SB915-MW-102S	Native Overburden-Leachate	6.93	4,740	537	776	2,250	4.3J
SB915-MW-103S	Native Overburden-Leachate	7.60	1,740	202	290	662	1.8J
SB915-MB-02L	Native Overburden-Leachate	6.07	65,400	9,460	14,600	46,200	77.1J
SB915-MB-04L	Native Overburden-Leachate	6.79	13,100	1,800	2,330	8,020	16.4J
SB915-MW-87BR	Native Bedrock/Brine	8.30	53,600	9,540	9,980	40,800	171
SB915-MW-88BR	Native Bedrock/Brine	6.58	39,400	6,860	7,860	30,300	122
SB915-MW-89BR	Native Bedrock/Brine	7.14	73,500	12,000	7,060	39,900	457
SB915-MW-90BR	Native Bedrock/Brine	6.72	42,400	7,070	4,620	21,300	217
SB915-MW-91BR	Native Bedrock/Brine	10.16	117,000J	53,000	3,280	73,700	258J
SB915-MW-92BR	Native Bedrock/Brine	8.21	45,500	8,030	4,830	26,000	207
SB915-MW-93BR	Native Bedrock/Brine	6.75	114,000J	20,400	13,400J	63,400J	658

Notes:

mg/L = Milligrams per liter

Table 4.7 Summary of Key Groundwater Geochemistry Values September 2011

Location	Water Type	pH	TDS mg/L	Sodium mg/L	Calcium mg/L	Chloride mg/L	Bromide mg/L
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J = Estimated value

4.7.1 Leachate

A typical leachate signature for the site is depicted by the Stiff diagrams for monitoring wells SB915-MW-91S and SB915-MW-92S, which are screened in the Solvay waste (**Figure 21**). These two wells are located to the south of the SCA bordering Wastebed 12 and Wastebed 14, and are part of the upgradient monitoring well network (**Figure 3**).

The Solvay process included the removal of sodium from the brine used in the process, and consequently leachate from the wastebed has a higher concentration of calcium than sodium. In addition the pH of leachate is generally high, usually above 10, and can be above 12. TDS and chloride concentrations are usually elevated (above 21,000 mg/L for TDS and above 12,000 mg/L for chloride in these two wells), while bromide concentrations are about 25 mg/L, which is lower than native bedrock groundwater and higher than native overburden groundwater. By comparing the concentrations of these six constituents a geochemical profile of leachate can be described (**Figure 21**). A summary of the geochemical conditions within the wastebed monitoring wells is presented above in **Table 4.7**.

4.7.2 Native Overburden

The site native overburden groundwater type typically has low concentrations of TDS, calcium, chloride, sodium, and bromide compared to leachate and native bedrock groundwater. In addition the pH of native overburden groundwater is between 6 and 9. A typical native overburden groundwater signature for the site is depicted on the Stiff diagrams presented in **Figure 22**. Three monitoring wells (SB915-MW-87S, SB915-MW-94S, and SB915-MW-96S) screening the water table have native overburden groundwater signatures for the site. These three locations are located upgradient (to the west) of the Wastebed 13 and have concentrations of geochemical parameters below class GA standards (**Figure 18**). A summary of the geochemical conditions within the shallow native overburden formation is presented above in **Table 4.7**.

4.7.3 Native Bedrock/Brine

The site native bedrock groundwater typically has elevated concentrations of TDS, sodium, chloride, and bromide and low concentrations of calcium relative to leachate. Native bedrock groundwater typically has elevated concentrations of TDS, sodium, chloride, calcium, and bromide relative to native overburden groundwater. Six bedrock wells (SB915-MW-87BR through SB915-MW-90BR, SB915-MW-92BR, and SB915-MW-93BR) present native bedrock groundwater signatures for the site as depicted by Stiff diagrams in **Figure 23**. The origin of the native bedrock groundwater types is unknown, but their geochemical signature is different from the native halite brine prevalent under Onondaga Lake. The lower concentrations of calcium, higher concentrations of sodium, as well as a pH generally near 8 distinguishes the halite brines from leachate. Brines produced by the dissolution of halite consist almost entirely of sodium and chloride and have low concentrations of calcium (Kappel and Miller, 2005). One monitoring well (SB915-MW-91BR) screened in the bedrock formation has a native halite brine signature. These native bedrock groundwater types around Wastebed 13 are consistent with the unknown groundwater types documented in the Closure Investigation Report (O'Brien & Gere, 2013).

As discussed above the Solvay process included the removal of sodium from the brine used in the process while the native bedrock groundwater is rich in sodium (**Figure 20**). A summary of the geochemical conditions within the bedrock formation is presented above in **Table 4.7**.

4.7.4 Mix of Native Overburden and Leachate

A mix of native overburden groundwater and leachate has elevated concentrations of TDS, calcium, chloride, sodium and bromide compared to native overburden groundwater. Typical mixed native overburden

groundwater and leachate signatures for the site are depicted on the Stiff diagrams presented in **Figure 24**. Twenty seven monitoring wells screened in the native overburden formation have a mixed native overburden and leachate signature. Of the 27 locations 13 are shallow wells, seven intermediate wells, and seven deep wells. These 27 locations are located around Wastebed 13 both upgradient and downgradient.

Shallow Wells

Thirteen shallow wells (SB915-MW-88S through SB915-MW-90S, SB915-MW-91SN, SB915-MW-93S, SB915-MW-95S, and SB915-MW-97S through SB915-MW-103S) are screened to straddle the water table in the native overburden formation and present mixed native overburden groundwater and leachate signatures (**Figures 24-1 and 24-2**). These 13 monitoring wells are located around the SCA (**Figure 17**).

Intermediate Wells

Seven intermediate wells (SB915-MW-87I through SB915-MW-92I) are screened between the bottom of the shallow wells and top of the deep wells in the native overburden formation and present mixed leachate and native overburden groundwater mixture signatures (**Figure 24-3**). These seven monitoring wells are located around the SCA (**Figure 18**).

Deep Wells

Seven deep wells (SB915-WB02L, SB915-WB-04L, SB915-MW-88D, SB915-MW-89D, SB915-MW-91D, and SB915-MW-92D,) are screened from the top of till up into the native overburden formation and present mixed native overburden groundwater and leachate signatures (**Figure 24-4**). These seven monitoring wells are located around the SCA (**Figure 19**).

Some individual locations (SB915-WB-02L and SB915-MW-88D) have elevated concentrations of TDS, sodium, calcium, and chloride compared to the other wells within the same interval (shallow, intermediate, and deep). A discussion of these data is presented below.

Discussion

When comparing the concentrations of TDS, calcium, sodium, and chloride observed in the mixed leachate and native overburden groundwater, it appears that historic or present releases of leachate have impacted the native overburden groundwater in the shallow, intermediate and deep monitoring wells. In general an increasing trend in the relative impact of leachate on native overburden groundwater is observed from the overburden wells from the southwest (upgradient within the valley) to the northeast (located downgradient of the wastebeds).

The evidence of leachate migration to the deep native zone is apparent in the water chemistry and geochemical signatures, as well as organic data, which indicate that leachate type water has migrated to the deep native zone. Directly underneath the wastebed, as documented by monitoring well cluster SB9-15-MW-91, leachate has migrated through the shallow and intermediate zones and into the deep zone such that these three zones show similar geochemical concentration ranges. A similar profile of geochemical concentration ranges can be observed immediately downgradient of Wastebed 13 in monitoring well cluster SB915-MW-93, although it should be noted that SB915-MW-93D is screened from 53 to 63 ft bgs, which is relatively shallow when compared with other deep wells. The distribution of leachate chemistry at these and other locations document that leachate has migrated through the shallow and intermediate zones and into the deep native zone.

Slurry was historically discharged to Wastebeds 12-15 during the filling of the wastebeds. The slurry consisted of approximately 90 to 95% liquids and 5 to 10% solids (BB&L, 1989). Excess supernatant from the slurry was released from the beds during the filling operations and a portion of those releases entered the overburden groundwater system. The historic release rates were substantially higher than current precipitation driven releases due to the active filling of wastebeds. During the filling of the wastebeds it is expected leachate would have migrated into the formation at a higher rate and to a greater extent than is presently occurring.

The presence of a leachate signature in the overburden groundwater provides an indication of where historic migration of pre-SCA wastebed constituents has occurred. Future releases from the wastebed could be expected

to potentially follow similar migration pathways. Based on the distribution of leachate in the overburden, the presence of a till confining unit, and the lack of a leachate signature in the bedrock, it is expected that potential releases from the SCA would migrate into the overburden formation and not into the bedrock formation.

4.8 SUMMARY OF BASELINE WATER QUALITY

To characterize the pre-SCA groundwater quality in the vicinity of the SCA, representative groundwater samples were collected from the newly installed wells and select historic wells as described in Section 3.10. **Figure 3** presents the locations sampled.

Groundwater samples were collected from newly installed and select historic monitoring wells in March (1st quarter) and June (2nd Quarter) 2011. Additional wells were installed after the 2nd quarter 2011 sampling event, and sampling was conducted for five additional quarters between September (3rd Quarter) 2011 and July (3rd Quarter) 2012. Groundwater samples were collected utilizing low-flow sampling techniques as described in detail in Section 3.10 except where prevented by low permeability formations. A summary of the wells sampled for each quarter is presented in **Table 3.10**. **Tables 4 through 31** presents the data collected between the 1st quarter 2011 and 3rd Quarter 2012. The 2011 and 2012 data validation reports are presented in **Appendix F**.

This discussion of the distribution of VOCs in the 17 shallow, seven intermediate, seven deep, and seven bedrock monitoring wells across the site focuses on the data from the September 2011 sampling event specifically. This event was the first event when all of the monitoring locations had been installed. Through the seven quarters of sampling the VOCs detected have been generally consistent for each well and there is no discernable trend of contaminant concentrations. Therefore, a comparison or discussion of each sampling event is not presented here. In addition, this section will focus on VOC constituents since they are the most prevalent and mobile constituents within the wastebeds and will assist in defining past migration of leachate from the wastebeds. The VOCs detected in groundwater samples from the SCA monitoring wells were compared to VOCs detected in historic groundwater samples to verify that the constituents are wastebed related (BB&L, 1989).

Based on the two different parameter lists sampled (Expanded and Baseline Parameter Lists) there is limited data for SVOC and other organic parameters (pesticides, PCB's, etc.). In accordance with Part 360 requirements these parameters were analyzed via the Expanded Parameter list the first time a monitoring well was sampled and not for subsequent events. Concentrations of metals are not discussed due to the prevalence of metals naturally occurring in the native groundwater. **Tables 4 through 31** summarize the shallow, intermediate, deep, and bedrock groundwater data collected for each sampling event.

4.8.1 Shallow Groundwater Quality

Through the seven quarters of sampling the VOCs detected have been generally consistent for each well and there is no discernable seasonal trend of constituent concentrations; therefore, a comparison or discussion of each sampling event is not presented here. The shallow groundwater data from each sampling event are included in **Tables 4 through 10**.

This discussion focuses on total VOC concentrations at each monitoring well from the September 2011 sampling event, as well as constituents that exceeded New York State Class GA Groundwater standards. **Figure 25** presents the distribution of total VOC concentrations, indicates the number of VOC constituents that exceeded groundwater standards, and the number of total VOC constituents detected at each shallow monitoring well during the September 2011 event. The constituents detected above groundwater standards are 1,2-dichlorobenzene, 1,4-dichlorobenzene, acetone, benzene, chlorobenzene, toluene, and xylenes. There were detections of other VOCs but they were at concentrations below groundwater standards. All detected VOCs were used to calculate the total VOCs concentration.

For the two monitoring wells screened in the Solvay waste (SB915-MW-91S and SB915-MW-92S) total VOC concentrations were higher than the upgradient monitoring wells and multiple constituents were detected above groundwater standards. The total VOC concentration for SB915-MW-91S was 582 µg/L and the total VOC concentration for SB915-MW-92S was 1,320 µg/L. The VOC compounds detected in these wells are similar to

those that have been detected in historic samples from the LCCS, and the detected concentration ranges are similar to those in samples from the LCCS.

For nine of the 15 monitoring wells screened in the shallow native overburden (SB915-MW-87S through SB915-MW-89S, SB915-MW-94S through SB915-MW-98S, and SB915-MW-103S) only one constituent (1,2-dichloroethane) was detected above groundwater standards (at SB915-MW-95S). Two additional constituents (1,4-dichlorobenzene and toluene) were detected at estimated levels below the laboratory PQL. The concentrations in these monitoring wells appear to have had minimal impact from the wastebed leachate.

For the six downgradient shallow overburden monitoring wells (SB915-MW-90S, SB915-MW-93S, and SB915-MW-99S through SB915-MW-102S) total VOCs were higher than upgradient monitoring wells and multiple constituents were detected above groundwater standards. The constituents detected above groundwater standards are 1,2-dichlorobenzene, 1,2-dichloroethane, 1,4-dichlorobenzene, acetone, benzene, and chlorobenzene. Total VOC concentrations ranged from 31 µg/L at SB915-MW-93BR to 363 µg/L at SB915-MW-101S.

At monitoring well SB915-MW-91SN, located on the wastebeds but screened under the glaciolacustrine deposits, and within the mixed Ninemile Creek unit, only one constituent (benzene) was detected above groundwater standards. Two additional constituents (chlorobenzene and toluene) were detected at estimated levels below the laboratory PQL. The limited presence of site VOCs in this monitoring well is indicative of the effectiveness of the glaciolacustrine deposits as a confining unit at limiting the vertical migration of constituents within the Solvay waste into the native overburden formation.

4.8.2 Intermediate Groundwater Quality

This discussion focuses on total VOC concentrations at each intermediate monitoring well from the September 2011 sampling event, as well as constituents that exceeded New York State Class GA Groundwater standards during that event. **Figure 26** presents the distribution of total VOC concentrations, and indicates the number of VOC constituents that exceeded groundwater standards at each location during the September 2011 event. These constituents include chlorobenzene, 1,2-dichlorobenzene, 1,4-dichlorobenzene, benzene, 1,2-dichloroethane, acetone, and toluene. There were detections of other VOCs but they were at concentrations below groundwater standards. All detected VOCs were used to calculate the total VOCs concentration. Intermediate groundwater analytical data are presented in **Tables 11 through 17**.

For the upgradient monitoring well SB915-MW-87I there were no constituents detected. Downgradient monitoring wells (SB915-MW-88I, SB915-MW-89I, SB915-MW-90I, and SB915-MW-93I) and the monitoring wells screened below the wastebed (SB915-MW-91I and SB915-MW-92I) had higher concentrations of total VOCs, compared to monitoring wells upgradient of the wastebed, and had multiple constituents above groundwater standards. Total VOC concentrations within the downgradient intermediate monitoring wells ranged from 25.5 µg/L at SB915-MW-88I to 273.55 µg/L at SB915-MW-89I. Total VOC concentrations within the two intermediate monitoring wells below the wastebed were 48.55 µg/L at SB915-MW-91I to 323.65 µg/L at SB915-MW-92I.

These data show that organic constituents detected in the wastebeds are present in the intermediate groundwater in both the downgradient monitoring wells and the monitoring wells directly below the wastebeds. Constituents above GA groundwater standards in the monitoring wells, except SB915-MW-87I, suggest that the VOCs found in the monitoring wells originated from the wastebeds and migrated through the permeable overburden formation, in the extent of the former sand and gravel quarry, to the intermediate groundwater wells downgradient and below Wastebed 13.

4.8.3 Deep Groundwater Quality

This discussion focuses on total VOC concentrations in the deep monitoring wells from the September 2011 sampling event, as well as constituents that exceeded New York State Class GA Groundwater standards during that event. **Figure 27** presents the distribution of total VOC concentrations, and indicates the number of VOC constituents that exceeded groundwater standards at each location during the September 2011 event. These constituents include chlorobenzene, 1,2-dichlorobenzene, 1,4-dichlorobenzene, benzene, 1,1-dichloroethane,

1,2-dichloroethane, and cis-1,2-dichloroethene. There were detections of other VOCs but they were at concentrations below groundwater standards. All detected VOCs were used to calculate the total VOCs concentration. A summary of deep groundwater analytical data is presented in **Table 18 through 24**.

For the upgradient well SB915-WB-02L, the only detection was toluene at 0.21 $\mu\text{g/L}$, below groundwater standards. For upgradient monitoring well SB915MW-92D total VOCs were 5 $\mu\text{g/L}$.

Monitoring wells SB915-MW-91D, SB915-MW-93D, SB915-WB-04L, SB915-MW-88D, and SB915-MW-89D had higher total VOCs compared to the upgradient monitoring wells and multiple constituents above groundwater standards. Total VOC concentrations within these deep monitoring wells ranged from 40.62 $\mu\text{g/L}$ at SB915-MW-91D to 396.37 $\mu\text{g/L}$ at SB915-MW-89D.

These data show that organic constituents detected in the wastebeds are present in the deep groundwater in both the downgradient monitoring wells and the monitoring wells directly below the wastebeds. Constituents above GA groundwater standards suggest that the VOCs found in the monitoring wells originated from the wastebeds and migrated through the permeable overburden formation, in the extent of the former sand and gravel quarry, to the deep groundwater wells downgradient and below Wastebed 13.

4.8.4 Bedrock Groundwater Quality

The analysis of the distribution of VOCs in the seven bedrock monitoring wells includes seven quarters of sampling with the exception being SB915-MW-93BR which was sampled during five quarters. As discussed in Section 3.5, well development within the bedrock was limited due to the low hydraulic conductivity of the bedrock. It is possible that site related organics present in the overburden formation were introduced during well construction and trace amounts remained in the bedrock formation following the installation and development of the monitoring wells. Initial elevated concentrations of constituents in the March 2011 sampling event, and a pattern of declining constituent concentrations across the subsequent sampling events, support this hypothesis. This is discussed further below.

Bedrock monitoring wells SB915-MW-91BR and SB915-MW-92BR do not provide sufficient water for low flow sampling. At these locations the wells were pumped dry utilizing a Grundfos pump and allowed to recharge overnight. Analytical samples were then collected using a bailer. A summary of bedrock groundwater analytical data is presented in **Table 25 through 31**.

Based on the analytical results from the seven quarters of sampling, multiple exceedances of New York State Class GA Groundwater quality standards for inorganics were observed (**Table 29**). As discussed in Section 4.7.3, the chemistry of the native bedrock groundwater has elevated levels of naturally occurring inorganics. Based on the prevalence of natural inorganics in the bedrock groundwater and the detailed discussion of groundwater chemistry in Section 4.7.3, this section focuses on organic constituents which assist in delineating potential site related impacts to the bedrock groundwater.

Groundwater quality in the bedrock typically exhibits no exceedances of organic groundwater quality standards. Monitoring wells SB915-MW-87BR, SB915-MW-88BR, SB915-MW-92BR, and SB915-MW-93BR have no constituents above groundwater standards for any of the seven quarters (**Table 25**). **Figure 28** presents the distribution of total VOC concentrations in the bedrock wells, and indicates that no VOCs exceeded groundwater standards during the September 2011 event. In general the most common constituents detected, but below groundwater standards, were 1,2-dichlorobenzene, 1,4-dichlorobenzene, and toluene. The detected concentrations were below the laboratory Practical Quantitation Limits (PQL) with the exception of toluene (1 $\mu\text{g/L}$) during the first sampling event at SB915-MW-88BR. Concentrations below the PQL are estimated and are symbolized on the tables with a "J" designation.

One constituent (benzene) at SB915-MW-89BR was above groundwater standards in the first quarter sampling event and was non-detect for the subsequent sampling events. In addition, detections of 1,2-dichlorobenzene, 1,4-dichlorobenzene, chlorobenzene, and chloromethane were estimated (below the laboratory PQL) and detected only one time during the four sampling events. Toluene was detected in the first and second sampling events in a decreasing trend and non-detect in the third and fourth sampling events.

Four constituents (1,2-dichlorobenzene, 1,2-dichloroethane, 1,4-dichlorobenzene, and chlorobenzene) at SB915-MW-90BR were detected above groundwater standards in the first quarter sampling event. However these compounds were not detected in the three subsequent sampling events. The only additional constituent detected at this location was toluene during the second sampling event (below the laboratory PQL).

One constituent (benzene) at SB915-MW-91BR was above groundwater standards in the sixth and seventh quarter sampling events and was non-detect for the other sampling events. It should be noted that benzene has not been detected in subsequent quarters during the operation of the SCA.

As described above, these organic compounds were detected in the shallow, intermediate, and deep monitoring wells and it is possible that some cross contamination occurred during the installation of the bedrock monitoring wells. As discussed in Section 3.5, well development within the bedrock was limited due to the low hydraulic conductivity of the bedrock. It is likely that trace amounts of organics were introduced during well construction and remained in the bedrock following the installation and development of the monitoring wells. The general pattern of declining concentrations in the wells is consistent with this hypothesis.

There do not appear to be current or past impacts from the wastebeds in the bedrock. The lack of VOC constituents within the bedrock groundwater are consistent with the bedrock geochemistry described in detail in Section 4.7.3 and support the conclusion there are no impacts from the wastebeds within the bedrock formation.

5 CRITICAL STRATIGRAPHIC SECTION

Based on the Hydrogeologic Investigation results, the proposed CSS for the SCA consists of:

- Mixed Ninemile Creek deposits
 - » Shallow Native
 - » Intermediate Native
 - » Deep Native

Each of the geologic units at the site is discussed below, with the rationale for including or not including in the CSS.

5.1 SOLVAY WASTE/FILL

The Solvay waste is a topographic high ranging approximately 60 to 90 feet above the native surface and consisting of hydraulically placed material. This material is not considered part of the CSS based on the following:

- The Solvay waste is not a primary transport zone away from the wastebed because it is only present within the wastebed
- The low hydraulic conductivity of the Solvay waste (0.006 ft/day to 0.13 ft/day) does not make these deposits a likely transport zone
- The presence of weir boxes and the LCCS on the downgradient perimeter of Wastebed 13 intercepts the discharge from the wastebed

However, it should be noted that while the Solvay waste is not considered part of the Critical Stratigraphic Section for the Site, the waste is the first unit that leachate from the SCA will come in contact with should there be a release from the SCA.

5.2 GLACIOLACUSTRINE DEPOSITS

The silt, clay, and fine grained sand deposit is a discontinuous unit located under a portion of Wastebed 13. This unit does not extend to the north, west, or east beyond the wastebed footprint. Under Wastebed 13, a portion of this unit was likely removed during the historic sand and gravel mining activities (**Figure 14**). This unit is not considered part of the CSS based on the following:

- The discontinuous nature of the deposit does not make it a likely off-site transport zone.
- The silt, clay, and fine grained sand deposit is not a primary transport zone because it does not extend to the north, west, or east beyond the footprint of the SCA. This unit only occurs upgradient of the SCA.
- The low hydraulic conductivity of the silt, clay, and fine grained sand (0.03 ft/day to 0.16 ft/day) does not make this unit a likely transport zone, compared to the more permeable mixed Ninemile Creek deposits, for SCA related constituents.
- Where present, the deposit acts as a confining unit limiting vertical migration from the wastebed to the underlying mixed Ninemile Creek deposits.

5.3 MIXED NINEMILE CREEK DEPOSITS

The mixed Ninemile Creek unit consists of glaciofluvial/fluvial deposits located within the Ninemile Creek valley. The unit is composed of poorly sorted gravel and sand with varying amounts of silt, clay, and cobbles. The thickness of the mixed Ninemile Creek deposits is variable throughout the site, ranging in thickness from approximately 16 feet south of the SCA to approximately 105 feet north of the SCA. Based on the total thickness of (up to 105 feet thick), geochemical characteristics, and the distribution of organic constituents, the mixed Ninemile Creek deposits has been subdivided into three zones:

- Shallow Native Zone
- Intermediate Zone
- Deep Zone

5.3.1 Shallow Native Zone

The Shallow Native Zone is defined as the upper-most, native water yielding unit at the site and consists of the upper 35 feet of the mixed Ninemile unit which includes the water table where it is not overlain by Solvay waste. In general the Shallow Native Zone is made up of gravel and sand with localized variations in silt and fine grained sand. The Shallow Native Zone is included in the CSS for the SCA based on the following:

- A. The Shallow Native Zone is the first water-yielding unit below the Solvay waste.
- B. The Shallow Native Zone is the primary transport zone away from the wastebed in which transport of site constituents (leachate and VOCs) from the wastebeds has occurred in the past and could occur during a potential release from the SCA.
- C. The hydraulic conductivity of the Shallow Native Zone in the vicinity of the SCA has a geometric mean of 222 ft/day (**Table 2**), which is approximately one order of magnitude greater than the other overburden hydrogeologic units.
- D. Shallow native groundwater discharges to portions of Ninemile Creek to the northeast and east, downgradient of the wastebed. Localized shallow groundwater discharge to Ninemile Creek may occur to the north of the wastebed where the creek is in close proximity to the wastebed.
- E. Geochemical data suggest that a component of wastebed leachate, either historical or current, is present in the Shallow Native Zone.
- F. Organic compounds similar to those detected in wells within the Solvay waste are detected in groundwater in the Shallow Native Zone. The organic analytical data summarized in **Table 4** and presented on **Figure 25** show the distribution of detectable levels of organic constituents in the Shallow Native Zone.
- G. Shallow Native groundwater to the west/southwest of Wastebed 13 does not appear to be impacted by organic constituents. However, VOCs in Shallow Native groundwater appear to have an increasing trend across the northern margin of Wastebed 13 with the highest concentrations observed to the northeast (down gradient) of the wastebed.

5.3.2 Intermediate Native Zone

The Intermediate Native Zone is defined as the interval between the bottom of the shallow well screens and the top of the deep well screens within the mixed Ninemile Creek deposits. The approximate range in depth of the intermediate zone is from 45 to 110 feet bgs. The Intermediate Native Zone is made up of gravel and sand with localized variations in silt and fine grained sand content. The Intermediate Native Zone is included in the CSS for the SCA based on the following:

- A. The Intermediate Native Zone is a permeable groundwater zone in hydraulic connection with the Shallow Native and Deep Native Zones.
- B. The Intermediate Native Zone is a potential transport zone away from the wastebed in which transport of site constituents (leachate and VOCs) from the wastebeds has occurred in the past and could occur during a potential release from the SCA.
- C. The hydraulic conductivity of the Intermediate Native Zone in the vicinity of the SCA has a geometric mean of 23 ft/day (**Table 2**).
- D. Based on the groundwater elevation data summarized in **Table 2**, the Intermediate Native Zone has the potential to be a zone where groundwater from the Shallow Native Zone interacts with groundwater from the Deep Native Zone.
- E. Intermediate groundwater has the potential to discharge to portions of Ninemile Creek to the northeast and east, downgradient, of the wastebed. Localized intermediate groundwater discharge to Ninemile Creek may occur to the north of the wastebed where the creek is in close proximity to the wastebed.
- F. Geochemical data suggests that a component of wastebed leachate, either historical or current, is present in the Intermediate Native Zone.

- G. Organic compounds similar to those detected in wells within the Solvay waste are detected in groundwater in the Intermediate Native Zone. The organic analytical data summarized in **Table 11** and presented on **Figure 26** shows the distribution of detectable levels of organic constituents.
- H. Organic constituents appear to have an increasing trend in Intermediate Native groundwater across the northern margin of Wastebed 13.

5.3.3 Deep Native Zone

The Deep Native Zone is defined as the lower 30 feet of the mixed Ninemile Creek unit where it transitions to till. The Deep Native Zone is made up of gravel and sand with varying amounts of silt, clay and cobbles. The localized variations in silt, clay, and fine grained sand content in the Deep Native Zone appear to be associated with the transition to the underlying till unit. The Deep Native Zone is included in the CSS for the SCA based on the following:

- A. The Deep Native Zone is a permeable groundwater zone in hydraulic connection with the Intermediate Native Zone.
- B. The Deep Native Zone is a potential transport zone away from the wastebed in which transport of site constituents (leachate and VOCs) from the wastebeds has occurred in the past and could occur during a potential release from the SCA.
- C. The hydraulic conductivity of the Deep Native Zone in the vicinity of the SCA has a geometric mean of 24.8 ft/day (**Table 2**).
- D. Based on the groundwater elevation data summarized in **Table 2**, the Deep Native Zone has the potential to migrate upward vertically to the Intermediate Native Zone.
- E. Geochemical data suggests that a component of wastebed leachate, either historical or current, is present in the Deep Native Zone.
- F. Organic compounds similar to those detected in wells within the Solvay waste are detected in groundwater in the Deep Native Zone. The analytical data summarized in **Table 18** and presented on **Figure 27** show the distribution of detectable levels of organic constituents.
- G. Organic compounds appear to have an increasing trend in the deep groundwater across the northern margin of Wastebed 13.

5.4 TILL

The till unit consists of a dense, red, sandy silt with variable amounts of gravel and clay. **Figure 29** presents the interpolated till thickness and **Figure 30** presents the interpolated top of till contour. This unit is not considered part of the CSS based on the following:

- A. The till is not an expected transport zone because of its low permeability (0.7 ft/day) compared to the overlying mixed Ninemile Unit.
- B. The till acts as a confining unit limiting the vertical migration of groundwater to the bedrock.

5.5 BEDROCK ZONE

The Bedrock Zone, the Vernon Formation, is composed of thick-bedded red and green mudstone, argillaceous dolostone, gypsum, and green shale. **Figure 31** presents the interpolated top of bedrock contour. The Bedrock Zone is not included in the CSS for the SCA based on the following.

- A. The Bedrock Zone is a low permeability zone not in connection with the overburden zones.
- B. The Bedrock Zone is not considered a primary transport zone away from the wastebeds.
- C. The hydraulic conductivity of the Bedrock Zone in the vicinity of the SCA has a geometric mean of 0.01 ft/day (**Table 2**).
- D. Based on the data summarized in **Table 2**, groundwater in the Bedrock Zone has the potential to migrate vertically upward to the Deep Zone, though the flow would be limited by the till confining unit.
- E. Geochemical data document a halite brine and other unknown native bedrock groundwater. The unknown native bedrock groundwater types are similar to two of the unknown bedrock groundwater types documented in the Closure Investigation.

- F. Site-related VOCs appear to be *de minimus* in the bedrock groundwater. VOC detections in initial monitoring events are consistent with drilling related cross contamination and not evidence of past or present impacts from the wastebeds.

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Table 2
Honeywell
Wastebeds 9-15 SCA
GW Elevations

Location ID	DTW (4/27/11)	GW Elevation (4/27/11)	Specific Gravity (4/27/11)	Equivalent Fresh Water Head (4/27/11)	DTW (5/19/11)	GW Elevation (5/19/11)	Specific Gravity (5/19/11)	Equivalent Fresh Water Head (5/19/11)	DTW (6/22/11)	GW Elevation (6/22/11)	Specific Gravity (6/22/11)	Equivalent Fresh Water Head (6/22/11)
SB915-MW-36D	77.68	377.24	1.004	377.40	77.92	377.00	1.003	377.12	80.20	374.72	1.004	374.87
SB915-MW-36I	26.68	429.69	1.004	429.84	26.31	430.06	1.020	430.82	29.42	426.95	1.010	427.30
SB915-MW-36S	5.25	451.27	1.006	451.36	6.20	450.32	1.003	450.36	12.63	443.89	1.000	443.89
SB915-MW-84S	9.68	372.50	1.006	372.57	13.12	369.06	1.008	369.13	13.72	368.46	1.004	368.49
SB915-MW-84D	9.81	372.55	1.022	373.69	12.90	369.46	1.030	370.93	13.64	368.72	1.050	371.13
SB915-MW-85S	7.23	372.36	1.011	372.53	10.78	368.81	1.012	368.95	11.64	367.95	1.008	368.04
SB915-MW-85I	8.22	371.56	1.030	372.84	11.39	368.39	1.032	369.65	12.10	367.68	1.050	369.62
SB915-MW-85D	8.85	370.88	1.054	374.41	11.90	367.83	1.058	371.45	12.59	367.14	1.060	370.84
SB915-MW-87BR	26.59	377.32	1.010	378.32	26.86	377.05	1.022	379.23	29.18	374.73	1.040	378.61
SB915-MW-87I	25.56	378.36	1.003	378.49	25.89	378.03	1.004	378.21	28.31	375.61	1.002	375.69
SB915-MW-87S												
SB915-MW-88BR	25.34	376.77	1.008	377.42	25.52	376.59	1.015	377.81	27.59	374.52	1.030	376.89
SB915-MW-88D	25.33	377.49	1.002	377.57	25.91	376.91	1.008	377.23	27.80	375.02	1.002	375.10
SB915-MW-88I	25.80	377.50	1.003	377.58	26.41	376.89	1.008	377.08	28.33	374.97	1.004	375.06
SB915-MW-88S	26.08	377.35	1.002	377.36	26.69	376.74	1.004	376.77	28.59	374.84	1.004	374.86
SB915-MW-89BR	24.27	376.39	1.004	376.79	24.88	375.78	1.022	377.98	26.73	373.93	1.030	376.87
SB915-MW-89D	25.10	376.39	1.004	376.57	25.48	376.01	1.007	376.33	27.45	374.04	1.008	374.39
SB915-MW-89I	25.15	376.03	1.004	376.13	25.39	375.79	1.006	375.94	27.35	373.83	1.004	373.92
SB915-MW-89S	25.10	376.40	1.002	376.41	25.33	376.17	1.002	376.18	27.34	374.16	1.004	374.17
SB915-MW-89SR	Dry	NA	NA	NA	Dry	NA	NA	NA	Dry	NA	NA	NA
SB915-MW-90BR	24.66	373.18	1.028	376.03	25.21	372.63	1.030	375.67	26.98	370.86	1.040	374.84
SB915-MW-90I	22.98	375.72	1.006	375.88	23.44	375.26	1.006	375.42	25.39	373.31	1.004	373.40
SB915-MW-90S												
SB915-MW-91BR	82.96	366.81	1.076	376.08	82.76	367.01	1.082	377.03	84.18	365.59	1.088	376.22
SB915-MW-91D	73.30	376.29	1.002	376.41	73.71	375.88	1.004	376.11	75.86	373.73	1.015	374.58
SB915-MW-91I	73.57	376.35	1.002	376.45	73.98	375.94	1.005	376.18	76.18	373.74	1.005	373.97
SB915-MW-91S	20.08	429.81	1.028	430.19	20.25	429.64	1.024	429.96	22.49	427.40	1.023	427.66
SB915-MW-91SN	73.93	376.36	1.005	376.42	74.33	375.96	1.010	376.07	76.51	373.78	1.016	373.93
SB915-MW-92BR	75.35	374.31	1.032	378.01	75.33	374.33	1.042	379.18	77.40	372.26	1.040	376.80
SB915-MW-92D	72.78	377.15	1.002	377.21	73.04	376.89	1.004	377.00	75.35	374.58	1.006	374.73
SB915-MW-92I	72.55	376.99	1.012	377.03	72.79	376.75	1.012	376.79	75.12	374.42	1.012	374.43
SB915-MW-92S	17.23	432.45	1.016	432.82	18.90	430.78	1.016	431.13	26.56	423.12	1.014	423.32
SB915-MW-93BR												
SB915-MW-93D												
SB915-MW-93I												
SB915-MW-93S												
SB915-MW-94S												
SB915-MW-95S												
SB915-MW-96S												
SB915-MW-97S												
SB915-MW-98S												
SB915-MW-99S												
SB915-MW-100S												
SB915-MW-101S												
SB915-MW-102S												
SB915-MW-103S												
SB915-MWB-01D	5.50	373.06	1.006	373.54	8.06	370.50	1.022	372.22	8.94	369.62	1.050	373.48
SB915-MWB-01S	5.89	373.32	1.010	373.49	8.55	370.66	1.006	370.74	9.44	369.77	1.002	369.80
SB915-PZ-07N	31.10	416.06	1.049	418.20	31.02	416.14	1.052	418.42	31.73	415.43	1.050	417.59
SB915-WB-01L*	20.99	384.22	1.002	384.33	21.62	383.59	1.002	383.70	24.21	381.00	1.000	381.00
SB915-WB-01U*	21.45	384.41	1.002	384.44	21.92	383.94	1.004	384.01	24.05	381.81	1.000	381.81
SB915-WB-02L*	26.31	375.70	1.018	377.04	26.67	375.34	1.034	377.87	29.00	373.01	1.054	376.90
SB915-WB-02U*	24.11	378.50	1.000	378.50	24.36	378.25	1.002	378.28	26.84	375.77	1.000	375.77
SB915-WB-03L*	NA	NA	NA	NA	26.28	376.23	1.012	376.79	27.85	374.66	1.020	375.56
SB915-WB-03U*	NA	NA	NA	NA	27.20	376.46	1.002	376.49	28.77	374.89	1.006	374.96
SB915-WB-04L*	21.85	375.56	1.009	376.22	22.43	374.98	1.010	375.71	24.31	373.10	1.010	373.81
SB915-WB-04U*	22.52	375.77	1.006	375.85	22.97	375.32	1.006	375.40	24.91	373.38	1.002	373.40
SB915-WB-05L*	17.61	364.34	1.073	371.58	20.30	361.65	1.074	368.79	21.05	360.90	1.072	367.79
SB915-WB-05U*	8.94	374.23	1.001	374.23	9.73	373.44	1.008	373.46	11.32	371.85	1.006	371.85

NA - Not Available

Monitoring Wells Not Installed

Horizontal Survey Datum: North American Datum (NAD 83), New York State Plane Central
Vertical Survey Datum: North American Vertical Datum of 1988 (NAVD 88)

Table 2
Honeywell
Wastebeds 9-15 SCA
GW Elevations

Location ID	DTW (1/30/12)	GW Elevation (1/30/12)	Specific Gravity (1/30/12)	Equivalent Fresh Water Head (1/30/12)	DTW (2/27/12)	GW Elevation (2/27/12)	Specific Gravity (2/27/12)	Equivalent Fresh Water Head (2/27/12)
SB915-MW-36D	79.28	375.6	1.004	375.80	80.05	374.9	1.006	375.10
SB915-MW-36I	30.05	426.3	1.002	426.39	31.04	425.3	1.020	425.99
SB915-MW-36S	6.42	450.1	1.002	450.13	9.99	446.5	1.002	446.55
SB915-MW-84S	13.13	369.1	1.004	369.09	13.66	368.5	1.004	368.55
SB915-MW-84D	13.37	369.0	1.026	370.25	11.35	371.0	1.032	372.63
SB915-MW-85S	10.80	368.8	1.006	368.86	12.09	367.5	1.016	367.67
SB915-MW-85I	11.60	368.2	1.050	370.14	12.09	367.7	1.038	369.16
SB915-MW-85D	12.20	367.5	1.058	371.13	12.66	367.1	1.054	370.40
SB915-MW-87BR	28.33	375.6	1.026	378.12	29.04	374.9	1.024	377.20
SB915-MW-87I	27.29	376.6	1.014	377.24	28.06	375.9	1.002	375.94
SB915-MW-87S	27.27	376.8	1.000	376.83	28.06	376.0	1.002	376.05
SB915-MW-88BR	26.75	375.4	1.018	376.80	27.41	374.7	1.020	376.29
SB915-MW-88D	27.08	375.7	1.012	376.21	27.71	375.1	1.010	375.50
SB915-MW-88I	27.53	375.8	1.010	376.00	28.17	375.1	1.008	375.31
SB915-MW-88S	27.75	375.7	1.002	375.69	28.40	375.0	1.002	375.04
SB915-MW-89BR	26.45	374.2	1.000	374.21	27.10	373.6	1.012	374.73
SB915-MW-89D	26.63	374.9	1.002	374.95	27.32	374.2	1.004	374.34
SB915-MW-89I	26.51	374.7	1.002	374.72	27.19	374.0	1.004	374.08
SB915-MW-89S	26.49	375.0	1.000	375.01	27.13	374.4	1.002	374.38
SB915-MW-89SR	Dry	NA	NA	NA	Dry	NA	NA	NA
SB915-MW-90BR	26.06	371.8	1.028	374.60	26.71	371.1	1.028	373.93
SB915-MW-90I	24.45	374.2	1.002	374.30	25.18	373.5	1.010	373.77
SB915-MW-90S	23.08	374.4	1.044	374.67	23.79	373.7	1.002	373.70
SB915-MW-91BR	84.45	365.3	1.090	376.17	84.73	365.0	1.088	375.62
SB915-MW-91D	74.94	374.6	1.004	374.88	75.67	373.9	1.004	374.15
SB915-MW-91I	75.19	374.7	1.004	374.92	75.92	374.0	1.004	374.19
SB915-MW-91S	21.77	428.1	1.022	428.38	22.31	427.6	1.022	427.83
SB915-MW-91SN	75.59	374.7	1.018	374.88	76.28	374.0	1.020	374.20
SB915-MW-92BR	76.52	373.1	1.032	376.80	77.13	372.5	1.036	376.62
SB915-MW-92D	74.36	375.6	1.002	375.62	75.13	374.8	1.006	374.95
SB915-MW-92I	74.15	375.4	1.018	375.43	74.91	374.6	1.020	374.65
SB915-MW-92S	20.87	428.8	1.016	429.13	24.92	424.8	1.004	424.83
SB915-MW-93BR	27.15	366.7	1.084	376.96	27.55	366.3	1.078	375.80
SB915-MW-93D	21.38	372.5	1.004	372.66	22.02	371.9	1.020	372.61
SB915-MW-93I	22.21	372.5	1.024	373.06	22.51	372.2	1.008	372.36
SB915-MW-93S	21.87	372.4	1.002	372.44	22.86	371.4	1.022	371.57
SB915-MW-94S	25.71	377.6	1.000	377.55	25.95	377.3	1.004	377.32
SB915-MW-95S	27.21	376.9	1.000	376.89	28.02	376.1	1.010	376.13
SB915-MW-96S	28.11	376.2	1.002	376.24	28.81	375.5	1.006	375.56
SB915-MW-97S	26.49	375.6	1.000	375.62	27.13	375.0	1.020	375.08
SB915-MW-98S	24.61	375.5	1.000	375.47	25.26	374.8	1.010	374.88
SB915-MW-99S	24.79	374.6	1.004	374.59	25.45	373.9	1.006	373.93
SB915-MW-100S	22.44	374.3	1.022	374.45	23.08	373.7	1.010	373.73
SB915-MW-101S	22.85	374.3	1.004	374.36	23.54	373.6	1.010	373.70
SB915-MW-102S	21.88	373.9	1.004	373.87	22.58	373.2	1.008	373.19
SB915-MW-103S	66.58	376.6	1.002	376.57	67.44	375.7	1.012	375.79
SB915-MWB-01D	8.33	370.2	1.026	372.26	8.89	369.7	1.012	370.60
SB915-MWB-01S	8.78	370.4	1.004	370.48	9.34	369.9	1.006	369.95
SB915-PZ-07N	32.63	414.5	1.052	416.72	32.57	414.6	1.050	416.70
SB915-WB-01L*	23.05	382.2	1.002	382.26	23.86	381.4	1.002	381.45
SB915-WB-01U*	23.31	382.6	1.004	382.61	24.03	381.8	1.002	381.86
SB915-WB-02L*	28.15	373.9	1.048	377.36	28.89	373.1	1.040	376.00
SB915-WB-02U*	25.80	376.8	1.010	376.96	26.60	376.0	1.004	376.07
SB915-WB-03L*	27.06	375.5	1.006	375.72	27.65	374.9	1.010	375.31
SB915-WB-03U*	27.95	375.7	1.000	375.71	28.54	375.1	1.012	375.27
SB915-WB-04L*	23.42	374.0	1.006	374.42	24.15	373.3	1.010	373.98
SB915-WB-04U*	23.98	374.3	1.002	374.34	24.68	373.6	1.008	373.70
SB915-WB-05L*	20.61	361.3	1.076	368.65	21.06	360.9	1.070	367.59
SB915-WB-05U*	11.31	371.9	1.002	371.86	10.62	372.6	1.008	372.56

NA - Not Available

Monitoring Wells Not Installed

Horizontal Survey Datum: North American Datum (NAD 83), New York State Plane Central
Vertical Survey Datum: North American Vertical Datum of 1988 (NAVD 88)

Table 4
Honeywell
SCA Hydrogeologic Investigation
Shallow Monitoring Wells
Method 8260/8015 Volatile Organic Compound Data

Parameter Name	New York State Class GA Standards	Field Sample ID Location Sample Date Sample Depth Sample Purpose Units	SCA-0025-01 SB915-MW-87S 9/27/2011 25-35 FT Regular sample Regular sample	SCA-0027-01 SB915-MW-87S 12/6/2011 25-35 FT Regular sample Regular sample	SCA-0035-01 SB915-MW-87S 3/12/2012 25-35 FT Regular sample Regular sample	SCA-0044-01 SB915-MW-87S 5/7/2012 25-35 FT Regular sample Regular sample	SCA-0052-02 SB915-MW-87S 7/11/2012 25-35 FT Regular sample Regular sample	SCA-0002-01 SB915-MW-88S 3/11/2011 25-35 FT Regular sample Regular sample
1,1,1,2-TETRACHLOROETHANE	NC	µg/L	5.0U	0.68U	5.0U	5.0U	5.0U	5.0U
1,1,1-TRICHLOROETHANE	5(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
1,1,2,2-TETRACHLOROETHANE	5(S)	µg/L	1.0U	0.93U	1.0U	1.0U	1.0U	1.0U
1,1,2-TRICHLOROETHANE	1(S)	µg/L	1.0U	1.2U	1.0U	1.0U	1.0U	1.0U
1,1,2-TRICHLOROTRIFLUOROETHANE	NC	µg/L	NA	0.33U	NA	NA	NA	NA
1,1-DICHLOROETHANE	5(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
1,1-DICHLOROETHENE	5(S)	µg/L	1.0U	1.1U	1.0U	1.0U	1.0U	1.0U
1,1-DICHLOROPROPENE	NC	µg/L	5.0U	NA	NA	NA	NA	5.0U
1,2,3-TRICHLOROPROPANE	NC	µg/L	5.0U	1.6U	5.0U	5.0U	5.0U	5.0U
1,2,4-TRICHLOROENZENE	5(S)	µg/L	5.0U	1.2J	NA	NA	NA	5.0U
1,2-DIBROMO-3-CHLOROPROPANE	NC	µg/L	10U	0.35UJ	10U	10U	10U	10U
1,2-DIBROMOETHANE	5(S)	µg/L	2.0U	0.61U	2.0U	2.0U	2.0U	2.0U
1,2-DICHLOROBENZENE	3(S)	µg/L	1.0U	0.68U	1.0U	1.0U	1.0U	1.0U
1,2-DICHLOROETHANE	0.6(S)	µg/L	1.0U	0.96U	1.0U	1.0U	1.0U	1.0U
1,2-DICHLOROETHENE (TOTAL)	5(S)	µg/L	NA	0.95U	NA	NA	NA	NA
1,2-DICHLOROPROPANE	1(S)	µg/L	1.0U	1.3U	1.0U	1.0U	1.0U	1.0U
1,3-DICHLOROBENZENE	3(S)	µg/L	1.0U	0.51U	NA	NA	NA	1.0U
1,3-DICHLOROPROPANE	NC	µg/L	5.0U	NA	NA	NA	NA	5.0U
1,4-DICHLOROBENZENE	3(S)	µg/L	1.0U	0.53U	1.0U	1.0U	1.0U	0.45J
1,4-DIOXANE	NC	µg/L	NA	NA	NA	NA	NA	NA
2,2-DICHLOROPROPANE	NC	µg/L	5.0U	NA	NA	NA	NA	5.0U
2-BUTANONE	50(G)	µg/L	10U	1.1U	10U	10U	10U	10U
2-HEXANONE	50(G)	µg/L	5.0U	0.57U	5.0U	5.0U	5.0U	5.0U
2-PROPENENITRILE, 2-METHYL-	NC	µg/L	10U	NA	NA	NA	NA	10U
4-METHYL-2-PENTANONE	NC	µg/L	5.0U	0.59U	5.0U	5.0U	5.0U	5.0U
ACETONE	50(S)	µg/L	10U	5.0UJ	10U	10U	10U	10U
ACETONITRILE	NC	µg/L	100U	NA	50U	50U	50U	100U
ACETOPHENONE	NC	µg/L	NA	NA	NA	NA	NA	NA
ACROLEIN	NC	µg/L	50U	NA	NA	NA	NA	50U
ACRYLONITRILE	NC	µg/L	50U	6.8U	NA	NA	NA	50U
ALLYL CHLORIDE	NC	µg/L	5.0U	NA	NA	NA	NA	5.0U
BENZENE	1(S)	µg/L	1.0U	0.99U	1.0U	1.0U	1.0U	1.0U
BROMOCHLOROMETHANE	NC	µg/L	5.0U	NA	5.0U	5.0U	5.0U	5.0U
BROMODICHLOROMETHANE	50(G)	µg/L	1.0U	0.93U	1.0U	1.0U	1.0U	1.0U
BROMOFORM	50(G)	µg/L	4.0U	1.1UJ	4.0U	4.0U	4.0U	4.0U
BROMOMETHANE	5(S)	µg/L	2.0U	1.6U	2.0UJ	2.0U	2.0U	2.0U
CARBON DISULFIDE	60(G)	µg/L	2.0U	1.1U	2.0U	2.0U	2.0U	2.0U
CARBON TETRACHLORIDE	5(S)	µg/L	1.0U	1.1U	1.0U	1.0U	1.0U	1.0U
CHLOROBENZENE	5(S)	µg/L	1.0U	0.53U	1.0U	1.0U	1.0U	1.0U
CHLORODIBROMOMETHANE	50(G)	µg/L	1.0U	0.65U	1.0U	1.0U	1.0U	1.0U

Notes:

U - Non detect; J - estimated value; R - rejected value;

EMPC - estimated maximum possible concentration; K - congener estimated maximum possible concentration.

NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 4
Honeywell
SCA Hydrogeologic Investigation
Shallow Monitoring Wells
Method 8260/8015 Volatile Organic Compound Data

Parameter Name	New York State Class GA Standards	Field Sample ID	SCA-0025-01	SCA-0027-01	SCA-0035-01	SCA-0044-01	SCA-0052-02	SCA-0002-01
		Location	SB915-MW-87S	SB915-MW-87S	SB915-MW-87S	SB915-MW-87S	SB915-MW-87S	SB915-MW-88S
		Sample Date	9/27/2011	12/6/2011	3/12/2012	5/7/2012	7/11/2012	3/11/2011
		Sample Depth	25-35 FT	25-35 FT	25-35 FT	25-35 FT	25-35 FT	25-35 FT
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Units						
CHLOROETHANE	5(S)	µg/L	1.0U	0.75U	1.0U	1.0U	1.0U	1.0U
CHLOROFORM	7(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
CHLOROMETHANE	5(S)	µg/L	1.0U	1.4U	1.0U	1.0U	1.0U	1.0U
CHLOROPRENE	NC	µg/L	5.0U	NA	NA	NA	NA	5.0U
CIS-1,2-DICHLOROETHENE	5(G)	µg/L	1.0U	0.67U	1.0U	1.0U	1.0U	1.0U
CIS-1,3-DICHLOROPROPENE	0.4(S)	µg/L	1.0U	0.73U	1.0U	1.0U	1.0U	1.0U
CYCLOHEXANE	NC	µg/L	NA	0.60U	NA	NA	NA	NA
DIBROMOMETHANE	NC	µg/L	5.0U	NA	5.0U	5.0U	5.0U	5.0U
DICHLORODIFLUOROMETHANE	5(S)	µg/L	5.0U	0.64U	NA	NA	NA	5.0U
ETHANE, PENTACHLORO-	NC	µg/L	NA	NA	NA	NA	NA	NA
ETHYL CYANIDE	NC	µg/L	100U	NA	NA	NA	NA	NA
ETHYL METHACRYLATE	NC	µg/L	10U	NA	NA	NA	NA	10U
ETHYLBENZENE	5(S)	µg/L	1.0U	0.62U	1.0U	1.0U	1.0U	1.0U
IODOMETHANE	NC	µg/L	25U	NA	NA	NA	NA	25U
ISOBUTANOL	NC	µg/L	NA	NA	NA	NA	NA	100U
ISOPROPANOL	NC	µg/L	100U	NA	NA	NA	NA	NA
ISOPROPYLBENZENE	5(G)	µg/L	NA	0.53U	NA	NA	NA	NA
METHYL ACETATE	NC	µg/L	NA	1.2U	NA	NA	NA	NA
METHYL METHACRYLATE	NC	µg/L	10U	NA	NA	NA	NA	10U
METHYL TERT-BUTYL ETHER	10(G)	µg/L	NA	1.0U	NA	NA	NA	NA
METHYLCYCLOHEXANE	NC	µg/L	NA	0.56U	NA	NA	NA	NA
METHYLENE CHLORIDE	5(S)	µg/L	2.0U	1.1U	2.0U	2.0U	2.0U	2.0U
O-XYLENE	5(S)	µg/L	1.0U	NA	NA	NA	NA	1.0U
STYRENE	5(S)	µg/L	5.0U	0.64U	5.0U	5.0U	5.0U	5.0U
TETRACHLOROETHENE	5(S)	µg/L	1.0U	0.82U	1.0U	1.0U	1.0U	1.0U
TOLUENE	5(S)	µg/L	1.0U	0.85U	1.0U	1.0U	1.0U	1.0U
TRANS-1,2-DICHLOROETHENE	5(G)	µg/L	1.0U	0.75U	1.0U	1.0U	1.0U	1.0U
TRANS-1,3-DICHLOROPROPENE	0.4(S)	µg/L	1.0U	0.58U	1.0U	1.0U	1.0U	1.0U
TRANS-1,4-DICHLORO-2-BUTENE	NC	µg/L	5.0U	0.81U	5.0U	5.0U	5.0U	5.0U
TRICHLOROETHENE	5(S)	µg/L	1.0U	0.80U	1.0U	1.0U	1.0U	1.0U
TRICHLOROFLUOROMETHANE	5(S)	µg/L	5.0U	1.1U	5.0U	5.0U	5.0U	5.0U
VINYL ACETATE	NC	µg/L	10U	0.86U	10U	10U	10U	10U
VINYL CHLORIDE	2(S)	µg/L	1.0U	1.3U	1.0U	1.0U	1.0U	1.0U
XYLENES, M & P	5(S)	µg/L	1.0U	NA	NA	NA	NA	1.0U
XYLENES, TOTAL	5(S)	µg/L	1.0U	2.0U	1.0U	1.0U	1.0U	1.0U

Notes:

U - Non detect; J - estimated value; R - rejected value;

EMPC - estimated maximum possible concentration; K - congener estimated maximum possible concentration.

NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 4
Honeywell
SCA Hydrogeologic Investigation
Shallow Monitoring Wells
Method 8260/8015 Volatile Organic Compound Data

Parameter Name	New York State Class GA Standards	Field Sample ID Location Sample Date Sample Depth Sample Purpose Units	SCA-0009-01 SB915-MW-88S 6/23/2011 25-35 FT Regular sample	SCA-0026-01 SB915-MW-88S 9/28/2011 25-35 FT Regular sample	SCA-0029-01 SB915-MW-88S 12/8/2011 25-35 FT Regular sample	SCA-0036-01 SB915-MW-88S 3/13/2012 25-35 FT Regular sample	SCA-0045-01 SB915-MW-88S 5/8/2012 25-35 FT Regular sample	SCA-0053-01 SB915-MW-88S 7/12/2012 25-35 FT Regular sample
1,1,1,2-TETRACHLOROETHANE	NC	µg/L	5.0U	5.0U	0.68U	5.0U	5.0U	5.0U
1,1,1-TRICHLOROETHANE	5(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
1,1,2,2-TETRACHLOROETHANE	5(S)	µg/L	1.0U	1.0U	0.93U	1.0U	1.0U	1.0U
1,1,2-TRICHLOROETHANE	1(S)	µg/L	1.0U	1.0U	1.2U	1.0U	1.0U	1.0U
1,1,2-TRICHLOROTRIFLUOROETHANE	NC	µg/L	NA	NA	0.33U	NA	NA	NA
1,1-DICHLOROETHANE	5(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
1,1-DICHLOROETHENE	5(S)	µg/L	1.0U	1.0U	1.1U	1.0U	1.0U	1.0U
1,1-DICHLOROPROPENE	NC	µg/L	NA	NA	NA	NA	NA	NA
1,2,3-TRICHLOROPROPANE	NC	µg/L	5.0U	5.0U	1.6U	5.0U	5.0U	5.0U
1,2,4-TRICHLOROENZENE	5(S)	µg/L	NA	NA	0.38U	NA	NA	NA
1,2-DIBROMO-3-CHLOROPROPANE	NC	µg/L	10U	10U	0.35U	10U	10U	10U
1,2-DIBROMOETHANE	5(S)	µg/L	2.0U	2.0U	0.61U	2.0U	2.0U	2.0U
1,2-DICHLOROBENZENE	3(S)	µg/L	NA	1.0U	0.68U	1.0U	1.0U	0.24J
1,2-DICHLOROETHANE	0.6(S)	µg/L	1.0U	1.0U	0.96U	1.0U	1.0U	1.0U
1,2-DICHLOROETHENE (TOTAL)	5(S)	µg/L	NA	NA	NA	NA	NA	NA
1,2-DICHLOROPROPANE	1(S)	µg/L	1.0U	1.0U	1.3U	1.0U	1.0U	1.0U
1,3-DICHLOROBENZENE	3(S)	µg/L	NA	NA	0.51U	NA	NA	NA
1,3-DICHLOROPROPANE	NC	µg/L	NA	NA	NA	NA	NA	NA
1,4-DICHLOROBENZENE	3(S)	µg/L	NA	0.33J	0.53U	0.49J	0.45J	0.55J
1,4-DIOXANE	NC	µg/L	130U	NA	NA	NA	NA	NA
2,2-DICHLOROPROPANE	NC	µg/L	NA	NA	NA	NA	NA	NA
2-BUTANONE	50(G)	µg/L	10U	10U	1.1UJ	10U	10U	10U
2-HEXANONE	50(G)	µg/L	5.0U	5.0U	0.57UJ	5.0UJ	5.0U	5.0U
2-PROPENENITRILE, 2-METHYL-	NC	µg/L	10U	NA	NA	NA	NA	NA
4-METHYL-2-PENTANONE	NC	µg/L	5.0U	5.0U	0.59UJ	5.0U	5.0U	5.0U
ACETONE	50(S)	µg/L	10U	10U	5.0UJ	10U	10U	10UJ
ACETONITRILE	NC	µg/L	100U	NA	NA	50U	50U	50U
ACETOPHENONE	NC	µg/L	NA	NA	NA	NA	NA	NA
ACROLEIN	NC	µg/L	50U	NA	NA	NA	NA	NA
ACRYLONITRILE	NC	µg/L	50U	50U	6.8UJ	NA	NA	NA
ALLYL CHLORIDE	NC	µg/L	5.0U	NA	NA	NA	NA	NA
BENZENE	1(S)	µg/L	1.0U	1.0U	0.99U	1.0U	1.0U	1.0U
BROMOCHLOROMETHANE	NC	µg/L	NA	5.0U	NA	5.0U	5.0U	5.0U
BROMODICHLOROMETHANE	50(G)	µg/L	1.0U	1.0U	0.93U	1.0U	1.0U	1.0U
BROMOFORM	50(G)	µg/L	4.0U	4.0U	1.1U	4.0U	4.0U	4.0U
BROMOMETHANE	5(S)	µg/L	2.0U	2.0U	1.6U	2.0U	2.0U	2.0U
CARBON DISULFIDE	60(G)	µg/L	2.0U	2.0U	1.1U	2.0U	2.0U	2.0U
CARBON TETRACHLORIDE	5(S)	µg/L	1.0U	1.0U	1.1U	1.0U	1.0U	1.0U
CHLOROBENZENE	5(S)	µg/L	1.0U	1.0U	0.53U	1.0U	1.0U	1.0U
CHLORODIBROMOMETHANE	50(G)	µg/L	1.0U	1.0U	0.65U	1.0U	1.0U	1.0U

Notes:

U - Non detect; J - estimated value; R - rejected value;

EMPC - estimated maximum possible concentration; K - congener estimated maximum possible concentration.

NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 4
Honeywell
SCA Hydrogeologic Investigation
Shallow Monitoring Wells
Method 8260/8015 Volatile Organic Compound Data

Parameter Name	New York State Class GA Standards	Field Sample ID	SCA-0009-01	SCA-0026-01	SCA-0029-01	SCA-0036-01	SCA-0045-01	SCA-0053-01
		Location	SB915-MW-88S	SB915-MW-88S	SB915-MW-88S	SB915-MW-88S	SB915-MW-88S	SB915-MW-88S
		Sample Date	6/23/2011	9/28/2011	12/8/2011	3/13/2012	5/8/2012	7/12/2012
		Sample Depth	25-35 FT	25-35 FT	25-35 FT	25-35 FT	25-35 FT	25-35 FT
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Units						
CHLOROETHANE	5(S)	µg/L	1.0U	1.0U	0.75U	1.0U	1.0U	1.0U
CHLOROFORM	7(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
CHLOROMETHANE	5(S)	µg/L	1.0U	1.0U	1.4U	1.0U	1.0U	1.0U
CHLOROPRENE	NC	µg/L	5.0U	NA	NA	NA	NA	NA
CIS-1,2-DICHLOROETHENE	5(G)	µg/L	1.0U	1.0U	0.67U	1.0U	1.0U	1.0U
CIS-1,3-DICHLOROPROPENE	0.4(S)	µg/L	1.0U	1.0U	0.73U	1.0U	1.0U	1.0U
CYCLOHEXANE	NC	µg/L	NA	NA	0.60U	NA	NA	NA
DIBROMOMETHANE	NC	µg/L	5.0U	5.0U	NA	5.0U	5.0U	5.0U
DICHLORODIFLUOROMETHANE	5(S)	µg/L	5.0U	NA	0.64U	NA	NA	NA
ETHANE, PENTACHLORO-	NC	µg/L	5.0U	NA	NA	NA	NA	NA
ETHYL CYANIDE	NC	µg/L	50U	NA	NA	NA	NA	NA
ETHYL METHACRYLATE	NC	µg/L	10U	NA	NA	NA	NA	NA
ETHYLBENZENE	5(S)	µg/L	1.0U	1.0U	0.62U	1.0U	1.0U	1.0U
IODOMETHANE	NC	µg/L	25U	NA	NA	NA	NA	NA
ISOBUTANOL	NC	µg/L	50U	NA	NA	NA	NA	NA
ISOPROPANOL	NC	µg/L	NA	NA	NA	NA	NA	NA
ISOPROPYLBENZENE	5(G)	µg/L	NA	NA	0.53U	NA	NA	NA
METHYL ACETATE	NC	µg/L	NA	NA	1.2UJ	NA	NA	NA
METHYL METHACRYLATE	NC	µg/L	10U	NA	NA	NA	NA	NA
METHYL TERT-BUTYL ETHER	10(G)	µg/L	NA	NA	1.0U	NA	NA	NA
METHYLCYCLOHEXANE	NC	µg/L	NA	NA	0.56U	NA	NA	NA
METHYLENE CHLORIDE	5(S)	µg/L	2.0U	2.0U	1.1U	2.0U	2.0U	2.0U
O-XYLENE	5(S)	µg/L	NA	NA	0.73U	NA	NA	NA
STYRENE	5(S)	µg/L	5.0U	5.0U	0.64U	5.0U	5.0U	5.0U
TETRACHLOROETHENE	5(S)	µg/L	1.0U	1.0U	0.82U	1.0U	1.0U	1.0U
TOLUENE	5(S)	µg/L	0.22J	1.0U	0.85U	1.0U	1.0U	1.0U
TRANS-1,2-DICHLOROETHENE	5(G)	µg/L	1.0U	1.0U	0.75U	1.0U	1.0U	1.0U
TRANS-1,3-DICHLOROPROPENE	0.4(S)	µg/L	1.0U	1.0U	0.58U	1.0U	1.0U	1.0U
TRANS-1,4-DICHLORO-2-BUTENE	NC	µg/L	5.0U	5.0U	0.81U	5.0U	5.0UJ	5.0U
TRICHLOROETHENE	5(S)	µg/L	1.0U	1.0U	0.80U	1.0U	1.0U	1.0U
TRICHLOROFLUOROMETHANE	5(S)	µg/L	5.0U	5.0U	1.1U	5.0U	5.0U	5.0U
VINYL ACETATE	NC	µg/L	10U	10U	0.86U	10UJ	10U	10U
VINYL CHLORIDE	2(S)	µg/L	1.0U	1.0U	1.3U	1.0U	1.0U	1.0U
XYLENES, M & P	5(S)	µg/L	NA	NA	1.3U	NA	NA	NA
XYLENES, TOTAL	5(S)	µg/L	1.0U	1.0U	2.0U	1.0U	1.0U	1.0U

Notes:

U - Non detect; J - estimated value; R - rejected value;

EMPC - estimated maximum possible concentration; K - congener estimated maximum possible concentration.

NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 4
Honeywell
SCA Hydrogeologic Investigation
Shallow Monitoring Wells
Method 8260/8015 Volatile Organic Compound Data

Parameter Name	New York State Class GA Standards	Field Sample ID Location Sample Date Sample Depth Sample Purpose Units	SCA-0003-01 SB915-MW-89S 3/14/2011 22-32 FT Regular sample	SCA-0010-01 SB915-MW-89S 6/24/2011 22-32 FT Regular sample	SCA-0022-04 SB915-MW-89S 9/26/2011 22-32 FT Regular sample	SCA-0031-01 SB915-MW-89S 12/12/2011 22-32 FT Regular sample	SCA-0039-01 SB915-MW-89S 3/16/2012 22-32 FT Regular sample	SCA-0046-01 SB915-MW-89S 5/9/2012 22-32 FT Regular sample
1,1,1,2-TETRACHLOROETHANE	NC	µg/L	5.0U	5.0U	5.0U	0.68U	5.0U	5.0U
1,1,1-TRICHLOROETHANE	5(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
1,1,2,2-TETRACHLOROETHANE	5(S)	µg/L	1.0U	1.0U	1.0U	0.93U	1.0U	1.0U
1,1,2-TRICHLOROETHANE	1(S)	µg/L	1.0U	1.0U	1.0U	1.2U	1.0U	1.0U
1,1,2-TRICHLOROTRIFLUOROETHANE	NC	µg/L	NA	NA	NA	0.33U	NA	NA
1,1-DICHLOROETHANE	5(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
1,1-DICHLOROETHENE	5(S)	µg/L	1.0U	1.0U	1.0U	1.1U	1.0U	1.0U
1,1-DICHLOROPROPENE	NC	µg/L	5.0U	NA	NA	NA	NA	NA
1,2,3-TRICHLOROPROPANE	NC	µg/L	5.0U	5.0U	5.0U	1.6UJ	5.0U	5.0U
1,2,4-TRICHLOROENZENE	5(S)	µg/L	5.0U	NA	NA	0.38UJ	NA	NA
1,2-DIBROMO-3-CHLOROPROPANE	NC	µg/L	10U	10U	10U	0.35UJ	10U	10U
1,2-DIBROMOETHANE	5(S)	µg/L	2.0U	2.0U	2.0U	0.61U	2.0U	2.0U
1,2-DICHLOROBENZENE	3(S)	µg/L	1.0U	NA	1.0U	0.68U	1.0U	1.0U
1,2-DICHLOROETHANE	0.6(S)	µg/L	1.0U	1.0U	1.0U	0.96U	1.0U	1.0U
1,2-DICHLOROETHENE (TOTAL)	5(S)	µg/L	NA	NA	NA	NA	NA	NA
1,2-DICHLOROPROPANE	1(S)	µg/L	1.0U	1.0U	1.0U	1.3U	1.0U	1.0U
1,3-DICHLOROBENZENE	3(S)	µg/L	1.0U	NA	NA	0.51U	NA	NA
1,3-DICHLOROPROPANE	NC	µg/L	5.0U	NA	NA	NA	NA	NA
1,4-DICHLOROBENZENE	3(S)	µg/L	1.0U	NA	1.0U	0.53U	1.0U	1.0U
1,4-DIOXANE	NC	µg/L	NA	130U	NA	NA	NA	NA
2,2-DICHLOROPROPANE	NC	µg/L	5.0U	NA	NA	NA	NA	NA
2-BUTANONE	50(G)	µg/L	10U	10U	10U	1.1UJ	10U	10U
2-HEXANONE	50(G)	µg/L	5.0U	5.0U	5.0U	0.57UJ	5.0U	5.0U
2-PROPENENITRILE, 2-METHYL-	NC	µg/L	10U	10U	NA	NA	NA	NA
4-METHYL-2-PENTANONE	NC	µg/L	5.0U	5.0U	5.0U	0.59U	5.0U	5.0U
ACETONE	50(S)	µg/L	10U	10U	10U	5.0UJ	10U	10U
ACETONITRILE	NC	µg/L	100U	100U	NA	NA	50U	50U
ACETOPHENONE	NC	µg/L	NA	NA	NA	NA	NA	NA
ACROLEIN	NC	µg/L	50U	50U	NA	NA	NA	NA
ACRYLONITRILE	NC	µg/L	50U	50U	50U	6.8U	NA	NA
ALLYL CHLORIDE	NC	µg/L	5.0U	5.0U	NA	NA	NA	NA
BENZENE	1(S)	µg/L	1.0U	1.0U	1.0U	0.99U	1.0U	1.0U
BROMOCHLOROMETHANE	NC	µg/L	5.0U	NA	5.0U	NA	5.0U	5.0U
BROMODICHLOROMETHANE	50(G)	µg/L	1.0U	1.0U	1.0U	0.93U	1.0U	1.0U
BROMOFORM	50(G)	µg/L	4.0U	4.0U	4.0U	1.1U	4.0U	4.0U
BROMOMETHANE	5(S)	µg/L	2.0U	2.0U	2.0U	1.6U	2.0UJ	2.0UJ
CARBON DISULFIDE	60(G)	µg/L	2.0U	2.0U	2.0U	1.1UJ	2.0U	2.0U
CARBON TETRACHLORIDE	5(S)	µg/L	1.0U	1.0U	1.0U	1.1U	1.0U	1.0U
CHLOROBENZENE	5(S)	µg/L	1.0U	1.0U	1.0U	0.53U	1.0U	1.0U
CHLORODIBROMOMETHANE	50(G)	µg/L	1.0U	1.0U	1.0U	0.65U	1.0U	1.0U

Notes:

U - Non detect; J - estimated value; R - rejected value;

EMPC - estimated maximum possible concentration; K - congener estimated maximum possible concentration.

NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 4
Honeywell
SCA Hydrogeologic Investigation
Shallow Monitoring Wells
Method 8260/8015 Volatile Organic Compound Data

Parameter Name	New York State Class GA Standards	Field Sample ID	SCA-0003-01	SCA-0010-01	SCA-0022-04	SCA-0031-01	SCA-0039-01	SCA-0046-01
		Location	SB915-MW-89S	SB915-MW-89S	SB915-MW-89S	SB915-MW-89S	SB915-MW-89S	SB915-MW-89S
		Sample Date	3/14/2011	6/24/2011	9/26/2011	12/12/2011	3/16/2012	5/9/2012
		Sample Depth	22-32 FT	22-32 FT	22-32 FT	22-32 FT	22-32 FT	22-32 FT
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Units						
CHLOROETHANE	5(S)	µg/L	1.0U	1.0U	1.0U	0.75UJ	1.0U	1.0UJ
CHLOROFORM	7(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
CHLOROMETHANE	5(S)	µg/L	1.0U	1.0U	1.0U	1.4U	1.0U	1.0U
CHLOROPRENE	NC	µg/L	5.0U	5.0U	NA	NA	NA	NA
CIS-1,2-DICHLOROETHENE	5(G)	µg/L	1.0U	1.0U	1.0U	0.67U	1.0U	1.0U
CIS-1,3-DICHLOROPROPENE	0.4(S)	µg/L	1.0U	1.0U	1.0U	0.73U	1.0U	1.0U
CYCLOHEXANE	NC	µg/L	NA	NA	NA	0.60U	NA	NA
DIBROMOMETHANE	NC	µg/L	5.0U	5.0U	5.0U	NA	5.0U	5.0U
DICHLORODIFLUOROMETHANE	5(S)	µg/L	5.0U	5.0U	NA	0.64U	NA	NA
ETHANE, PENTACHLORO-	NC	µg/L	NA	5.0U	NA	NA	NA	NA
ETHYL CYANIDE	NC	µg/L	NA	50U	NA	NA	NA	NA
ETHYL METHACRYLATE	NC	µg/L	10U	10U	NA	NA	NA	NA
ETHYLBENZENE	5(S)	µg/L	1.0U	1.0U	1.0U	0.62U	1.0U	1.0U
IODOMETHANE	NC	µg/L	25U	25U	NA	NA	NA	NA
ISOBUTANOL	NC	µg/L	100U	50U	NA	NA	NA	NA
ISOPROPANOL	NC	µg/L	NA	NA	NA	NA	NA	NA
ISOPROPYLBENZENE	5(G)	µg/L	NA	NA	NA	0.53U	NA	NA
METHYL ACETATE	NC	µg/L	NA	NA	NA	1.2UJ	NA	NA
METHYL METHACRYLATE	NC	µg/L	10U	10U	NA	NA	NA	NA
METHYL TERT-BUTYL ETHER	10(G)	µg/L	NA	NA	NA	1.0U	NA	NA
METHYLCYCLOHEXANE	NC	µg/L	NA	NA	NA	0.56U	NA	NA
METHYLENE CHLORIDE	5(S)	µg/L	2.0U	2.0U	2.0U	1.1U	2.0U	2.0U
O-XYLENE	5(S)	µg/L	1.0U	NA	NA	0.73U	NA	NA
STYRENE	5(S)	µg/L	5.0U	5.0U	5.0U	0.64U	5.0U	5.0U
TETRACHLOROETHENE	5(S)	µg/L	1.0U	1.0U	1.0U	0.82U	1.0U	1.0U
TOLUENE	5(S)	µg/L	1.0U	1.0U	1.0U	0.85U	1.0U	1.0U
TRANS-1,2-DICHLOROETHENE	5(G)	µg/L	1.0U	1.0U	1.0U	0.75U	1.0U	1.0U
TRANS-1,3-DICHLOROPROPENE	0.4(S)	µg/L	1.0U	1.0U	1.0U	0.58U	1.0U	1.0U
TRANS-1,4-DICHLORO-2-BUTENE	NC	µg/L	5.0U	5.0U	5.0U	0.81U	5.0U	5.0U
TRICHLOROETHENE	5(S)	µg/L	1.0U	1.0U	1.0U	0.80U	1.0U	1.0U
TRICHLOROFLUOROMETHANE	5(S)	µg/L	5.0U	5.0U	5.0U	1.1UJ	5.0U	5.0U
VINYL ACETATE	NC	µg/L	10U	10U	10U	0.86U	10U	10U
VINYL CHLORIDE	2(S)	µg/L	1.0U	1.0U	1.0U	1.3U	1.0U	1.0U
XYLENES, M & P	5(S)	µg/L	1.0U	NA	NA	1.3U	NA	NA
XYLENES, TOTAL	5(S)	µg/L	1.0U	1.0U	1.0U	2.0U	1.0U	1.0U

Notes:

U - Non detect; J - estimated value; R - rejected value;

EMPC - estimated maximum possible concentration; K - congener estimated maximum possible concentration.

NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 4
Honeywell
SCA Hydrogeologic Investigation
Shallow Monitoring Wells
Method 8260/8015 Volatile Organic Compound Data

Parameter Name	New York State Class GA Standards	Field Sample ID Location Sample Date Sample Depth Sample Purpose Units	SCA-0055-04 SB915-MW-89S 7/14/2012 22-32 FT Regular sample	SCA-0021-01 SB915-MW-90S 9/23/2011 22-32 FT Regular sample	SCA-0032-01 SB915-MW-90S 12/13/2011 22-32 FT Regular sample	SCA-0040-01 SB915-MW-90S 3/19/2012 22-32 FT Regular sample	SCA-0047-01 SB915-MW-90S 5/10/2012 22-32 FT Regular sample	SCA-0056-01 SB915-MW-90S 7/17/2012 22-32 FT Regular sample
1,1,1,2-TETRACHLOROETHANE	NC	µg/L	5.0U	5.0U	0.68U	5.0U	5.0U	5.0U
1,1,1-TRICHLOROETHANE	5(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
1,1,2,2-TETRACHLOROETHANE	5(S)	µg/L	1.0U	1.0U	0.93U	1.0U	1.0U	1.0U
1,1,2-TRICHLOROETHANE	1(S)	µg/L	1.0U	1.0U	1.2U	1.0U	1.0U	1.0U
1,1,2-TRICHLOROTRIFLUOROETHANE	NC	µg/L	NA	NA	0.33U	NA	NA	NA
1,1-DICHLOROETHANE	5(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
1,1-DICHLOROETHENE	5(S)	µg/L	1.0U	1.0U	1.1U	1.0U	1.0U	1.0U
1,1-DICHLOROPROPENE	NC	µg/L	NA	5.0U	NA	NA	NA	NA
1,2,3-TRICHLOROPROPANE	NC	µg/L	5.0U	5.0U	1.6UJ	5.0U	5.0U	5.0U
1,2,4-TRICHLOROENZENE	5(S)	µg/L	NA	0.53J	0.38UJ	NA	NA	NA
1,2-DIBROMO-3-CHLOROPROPANE	NC	µg/L	10U	10U	0.35UJ	10U	10U	10U
1,2-DIBROMOETHANE	5(S)	µg/L	2.0U	2.0U	0.61U	2.0U	2.0U	2.0U
1,2-DICHLOROBENZENE	3(S)	µg/L	1.0U	[16.4]	[9.8]	[11.9]	[14.7]	[15.3]
1,2-DICHLOROETHANE	0.6(S)	µg/L	1.0U	[0.66J]	0.96U	1.0U	0.46J	0.50J
1,2-DICHLOROETHENE (TOTAL)	5(S)	µg/L	NA	NA	NA	NA	NA	NA
1,2-DICHLOROPROPANE	1(S)	µg/L	1.0U	1.0U	1.3U	1.0U	1.0U	1.0U
1,3-DICHLOROBENZENE	3(S)	µg/L	NA	1.6	0.51U	NA	NA	NA
1,3-DICHLOROPROPANE	NC	µg/L	NA	5.0U	NA	NA	NA	NA
1,4-DICHLOROBENZENE	3(S)	µg/L	1.0U	[30.2]	[20]	[21.1]	[26.7]	[28.6]
1,4-DIOXANE	NC	µg/L	NA	NA	NA	NA	NA	NA
2,2-DICHLOROPROPANE	NC	µg/L	NA	5.0U	NA	NA	NA	NA
2-BUTANONE	50(G)	µg/L	10U	10U	1.1UJ	10U	10UJ	10U
2-HEXANONE	50(G)	µg/L	5.0U	5.0U	0.57UJ	5.0U	5.0U	5.0U
2-PROPENENITRILE, 2-METHYL-	NC	µg/L	NA	10U	NA	NA	NA	NA
4-METHYL-2-PENTANONE	NC	µg/L	5.0U	5.0U	0.59U	5.0U	5.0U	5.0U
ACETONE	50(S)	µg/L	10UJ	10U	5.0UJ	10U	10UJ	10U
ACETONITRILE	NC	µg/L	50U	100U	NA	50U	50UJ	50U
ACETOPHENONE	NC	µg/L	NA	NA	NA	NA	NA	NA
ACROLEIN	NC	µg/L	NA	50U	NA	NA	NA	NA
ACRYLONITRILE	NC	µg/L	NA	50U	6.8U	NA	NA	NA
ALLYL CHLORIDE	NC	µg/L	NA	5.0U	NA	NA	NA	NA
BENZENE	1(S)	µg/L	1.0U	0.33J	0.99U	1.0U	0.29J	0.30J
BROMOCHLOROMETHANE	NC	µg/L	5.0U	5.0U	NA	5.0U	5.0U	5.0U
BROMODICHLOROMETHANE	50(G)	µg/L	1.0U	1.0U	0.93U	1.0U	1.0U	1.0U
BROMOFORM	50(G)	µg/L	4.0U	4.0UJ	1.1U	4.0U	4.0U	4.0U
BROMOMETHANE	5(S)	µg/L	2.0U	2.0U	1.6U	2.0U	2.0UJ	2.0U
CARBON DISULFIDE	60(G)	µg/L	2.0U	2.0U	1.1UJ	2.0U	2.0U	2.0U
CARBON TETRACHLORIDE	5(S)	µg/L	1.0U	1.0UJ	1.1U	1.0U	1.0U	1.0U
CHLOROBENZENE	5(S)	µg/L	1.0U	[31.9]	[26]	[21.2]	[26.0]	[29.0]
CHLORODIBROMOMETHANE	50(G)	µg/L	1.0U	1.0U	0.65U	1.0U	1.0U	1.0U

Notes:

U - Non detect; J - estimated value; R - rejected value;

EMPC - estimated maximum possible concentration; K - congener estimated maximum possible concentration.

NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 4
Honeywell
SCA Hydrogeologic Investigation
Shallow Monitoring Wells
Method 8260/8015 Volatile Organic Compound Data

Parameter Name	New York State Class GA Standards	Field Sample ID	SCA-0055-04	SCA-0021-01	SCA-0032-01	SCA-0040-01	SCA-0047-01	SCA-0056-01
		Location	SB915-MW-89S	SB915-MW-90S	SB915-MW-90S	SB915-MW-90S	SB915-MW-90S	SB915-MW-90S
		Sample Date	7/14/2012	9/23/2011	12/13/2011	3/19/2012	5/10/2012	7/17/2012
		Sample Depth	22-32 FT	22-32 FT	22-32 FT	22-32 FT	22-32 FT	22-32 FT
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Units						
CHLOROETHANE	5(S)	µg/L	1.0U	1.0U	0.75UJ	1.0U	1.0UJ	1.0U
CHLOROFORM	7(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
CHLOROMETHANE	5(S)	µg/L	1.0U	1.0U	1.4U	1.0U	1.0U	1.0U
CHLOROPRENE	NC	µg/L	NA	5.0U	NA	NA	NA	NA
CIS-1,2-DICHLOROETHENE	5(G)	µg/L	1.0U	1.0U	0.67U	1.0U	1.0U	1.0U
CIS-1,3-DICHLOROPROPENE	0.4(S)	µg/L	1.0U	1.0U	0.73U	1.0U	1.0U	1.0U
CYCLOHEXANE	NC	µg/L	NA	NA	0.60U	NA	NA	NA
DIBROMOMETHANE	NC	µg/L	5.0U	5.0U	NA	5.0U	5.0U	5.0U
DICHLORODIFLUOROMETHANE	5(S)	µg/L	NA	5.0U	0.64U	NA	NA	NA
ETHANE, PENTACHLORO-	NC	µg/L	NA	NA	NA	NA	NA	NA
ETHYL CYANIDE	NC	µg/L	NA	100U	NA	NA	NA	NA
ETHYL METHACRYLATE	NC	µg/L	NA	10U	NA	NA	NA	NA
ETHYLBENZENE	5(S)	µg/L	1.0U	1.0U	0.62U	1.0U	1.0U	1.0U
IODOMETHANE	NC	µg/L	NA	25U	NA	NA	NA	NA
ISOBUTANOL	NC	µg/L	NA	NA	NA	NA	NA	NA
ISOPROPANOL	NC	µg/L	NA	100U	NA	NA	NA	NA
ISOPROPYLBENZENE	5(G)	µg/L	NA	NA	0.53U	NA	NA	NA
METHYL ACETATE	NC	µg/L	NA	NA	1.2UJ	NA	NA	NA
METHYL METHACRYLATE	NC	µg/L	NA	10U	NA	NA	NA	NA
METHYL TERT-BUTYL ETHER	10(G)	µg/L	NA	NA	1.0U	NA	NA	NA
METHYLCYCLOHEXANE	NC	µg/L	NA	NA	0.56U	NA	NA	NA
METHYLENE CHLORIDE	5(S)	µg/L	2.0U	2.0U	1.1U	2.0U	2.0U	2.0U
O-XYLENE	5(S)	µg/L	NA	1.0U	0.73U	NA	NA	NA
STYRENE	5(S)	µg/L	5.0U	5.0U	0.64U	5.0U	5.0U	5.0U
TETRACHLOROETHENE	5(S)	µg/L	1.0U	1.0U	0.82U	1.0U	1.0U	1.0U
TOLUENE	5(S)	µg/L	1.0U	1.0U	0.85U	1.0U	1.0U	1.0U
TRANS-1,2-DICHLOROETHENE	5(G)	µg/L	1.0U	1.0U	0.75U	1.0U	1.0U	1.0U
TRANS-1,3-DICHLOROPROPENE	0.4(S)	µg/L	1.0U	1.0U	0.58U	1.0U	1.0U	1.0U
TRANS-1,4-DICHLORO-2-BUTENE	NC	µg/L	5.0U	5.0U	0.81U	5.0U	5.0U	5.0U
TRICHLOROETHENE	5(S)	µg/L	1.0U	1.0U	0.80U	1.0U	1.0U	1.0U
TRICHLOROFLUOROMETHANE	5(S)	µg/L	5.0U	5.0U	1.1UJ	5.0U	5.0U	5.0U
VINYL ACETATE	NC	µg/L	10U	10U	0.86U	10U	10U	10U
VINYL CHLORIDE	2(S)	µg/L	1.0U	1.0U	1.3U	1.0U	1.0U	1.0U
XYLENES, M & P	5(S)	µg/L	NA	1.0U	1.3U	NA	NA	NA
XYLENES, TOTAL	5(S)	µg/L	1.0U	1.0U	2.0U	1.0U	1.0U	1.0U

Notes:

U - Non detect; J - estimated value; R - rejected value;

EMPC - estimated maximum possible concentration; K - congener estimated maximum possible concentration.

NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 4
Honeywell
SCA Hydrogeologic Investigation
Shallow Monitoring Wells
Method 8260/8015 Volatile Organic Compound Data

Parameter Name	New York State Class GA Standards	Field Sample ID	SCA-0006-02	SCA-0012-01	SCA-0018-01	SCA-0028-02	SCA-0042-02	SCA-0050-02
		Location	SB915-MW-91SN	SB915-MW-91SN	SB915-MW-91SN	SB915-MW-91SN	SB915-MW-91SN	SB915-MW-91SN
		Sample Date	3/17/2011	6/28/2011	9/22/2011	12/7/2011	3/21/2012	5/15/2012
		Sample Depth	78-88 FT	78-88 FT	78-88 FT	78-88 FT	78-88 FT	78-88 FT
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Units						
1,1,1,2-TETRACHLOROETHANE	NC	µg/L	5.0U	5.0U	5.0U	0.68U	5.0U	5.0U
1,1,1-TRICHLOROETHANE	5(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
1,1,2,2-TETRACHLOROETHANE	5(S)	µg/L	1.0U	1.0U	1.0U	0.93U	1.0U	1.0U
1,1,2-TRICHLOROETHANE	1(S)	µg/L	1.0U	1.0U	1.0U	1.2U	1.0U	1.0U
1,1,2-TRICHLOROTRIFLUOROETHANE	NC	µg/L	NA	NA	NA	0.33U	NA	NA
1,1-DICHLOROETHANE	5(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
1,1-DICHLOROETHENE	5(S)	µg/L	1.0U	1.0U	1.0U	1.1U	1.0U	1.0U
1,1-DICHLOROPROPENE	NC	µg/L	5.0U	NA	NA	NA	NA	NA
1,2,3-TRICHLOROPROPANE	NC	µg/L	5.0U	5.0U	5.0U	1.6U	5.0U	5.0U
1,2,4-TRICHLOROENZENE	5(S)	µg/L	5.0U	NA	NA	0.38UJ	NA	NA
1,2-DIBROMO-3-CHLOROPROPANE	NC	µg/L	10U	10U	10U	0.35U	10U	10U
1,2-DIBROMOETHANE	5(S)	µg/L	2.0U	2.0U	2.0U	0.61U	2.0U	2.0U
1,2-DICHLOROBENZENE	3(S)	µg/L	0.43J	NA	1.0U	2.0J	0.28J	0.29J
1,2-DICHLOROETHANE	0.6(S)	µg/L	1.0U	1.0U	1.0U	0.96U	1.0U	1.0U
1,2-DICHLOROETHENE (TOTAL)	5(S)	µg/L	NA	NA	NA	NA	NA	NA
1,2-DICHLOROPROPANE	1(S)	µg/L	1.0U	1.0U	1.0U	1.3U	1.0U	1.0U
1,3-DICHLOROBENZENE	3(S)	µg/L	1.0U	NA	NA	0.51U	NA	NA
1,3-DICHLOROPROPANE	NC	µg/L	5.0U	NA	NA	NA	NA	NA
1,4-DICHLOROBENZENE	3(S)	µg/L	0.44J	NA	1.0U	1.5J	0.34J	0.36J
1,4-DIOXANE	NC	µg/L	NA	130U	NA	NA	NA	NA
2,2-DICHLOROPROPANE	NC	µg/L	5.0U	NA	NA	NA	NA	NA
2-BUTANONE	50(G)	µg/L	10U	10U	10UJ	1.1UJ	10U	10U
2-HEXANONE	50(G)	µg/L	5.0U	5.0U	5.0U	0.57UJ	5.0U	5.0U
2-PROPENENITRILE, 2-METHYL-	NC	µg/L	10U	10U	NA	NA	NA	NA
4-METHYL-2-PENTANONE	NC	µg/L	5.0U	5.0U	5.0U	0.59U	5.0U	5.0U
ACETONE	50(S)	µg/L	3.8J	10U	10UJ	5.0UJ	10U	10U
ACETONITRILE	NC	µg/L	100U	100UJ	NA	NA	50U	50U
ACETOPHENONE	NC	µg/L	0	NA	NA	NA	NA	NA
ACROLEIN	NC	µg/L	50U	50U	NA	NA	NA	NA
ACRYLONITRILE	NC	µg/L	50U	50U	50U	6.8U	NA	NA
ALLYL CHLORIDE	NC	µg/L	5.0U	5.0U	NA	NA	NA	NA
BENZENE	1(S)	µg/L	[2.0]	[2.4]	[1.7]	[3.0]	[2.3]	[4.7]
BROMOCHLOROMETHANE	NC	µg/L	5.0U	NA	5.0U	NA	5.0U	5.0U
BROMODICHLOROMETHANE	50(G)	µg/L	1.0U	1.0U	1.0U	0.93U	1.0U	1.0U
BROMOFORM	50(G)	µg/L	4.0U	4.0U	4.0U	1.1U	4.0U	4.0U
BROMOMETHANE	5(S)	µg/L	2.0U	2.0U	2.0U	1.6U	2.0UJ	2.0U
CARBON DISULFIDE	60(G)	µg/L	2.0U	2.0U	2.0U	1.1U	2.0U	2.0U
CARBON TETRACHLORIDE	5(S)	µg/L	1.0U	1.0U	1.0U	1.1U	1.0U	1.0U
CHLOROBENZENE	5(S)	µg/L	0.43J	0.54J	0.42J	2.1J	0.74J	1.2
CHLORODIBROMOMETHANE	50(G)	µg/L	1.0U	1.0U	1.0U	0.65U	1.0U	1.0U

Notes:

U - Non detect; J - estimated value; R - rejected value;

EMPC - estimated maximum possible concentration; K - congener estimated maximum possible concentration.

NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 4
Honeywell
SCA Hydrogeologic Investigation
Shallow Monitoring Wells
Method 8260/8015 Volatile Organic Compound Data

Parameter Name	New York State Class GA Standards	Field Sample ID	SCA-0006-02	SCA-0012-01	SCA-0018-01	SCA-0028-02	SCA-0042-02	SCA-0050-02
		Location	SB915-MW-91SN	SB915-MW-91SN	SB915-MW-91SN	SB915-MW-91SN	SB915-MW-91SN	SB915-MW-91SN
		Sample Date	3/17/2011	6/28/2011	9/22/2011	12/7/2011	3/21/2012	5/15/2012
		Sample Depth	78-88 FT	78-88 FT	78-88 FT	78-88 FT	78-88 FT	78-88 FT
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Units						
CHLOROETHANE	5(S)	µg/L	1.0U	1.0U	1.0U	0.75U	1.0UJ	1.0U
CHLOROFORM	7(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
CHLOROMETHANE	5(S)	µg/L	1.0U	1.0U	1.0U	1.4U	1.0U	1.0U
CHLOROPRENE	NC	µg/L	5.0U	5.0U	NA	NA	NA	NA
CIS-1,2-DICHLOROETHENE	5(G)	µg/L	1.0U	1.0U	1.0U	0.67U	1.0U	1.0U
CIS-1,3-DICHLOROPROPENE	0.4(S)	µg/L	1.0U	1.0U	1.0U	0.73U	1.0U	1.0U
CYCLOHEXANE	NC	µg/L	NA	NA	NA	0.60U	NA	NA
DIBROMOMETHANE	NC	µg/L	5.0U	5.0U	5.0U	NA	5.0U	5.0U
DICHLORODIFLUOROMETHANE	5(S)	µg/L	5.0U	5.0U	NA	0.64U	NA	NA
ETHANE, PENTACHLORO-	NC	µg/L	NA	5.0U	NA	NA	NA	NA
ETHYL CYANIDE	NC	µg/L	NA	50U	NA	NA	NA	NA
ETHYL METHACRYLATE	NC	µg/L	10U	10U	NA	NA	NA	NA
ETHYLBENZENE	5(S)	µg/L	1.0U	1.0U	1.0U	0.62U	1.0U	1.0U
IODOMETHANE	NC	µg/L	25U	25U	NA	NA	NA	NA
ISOBUTANOL	NC	µg/L	100U	50U	NA	NA	NA	NA
ISOPROPANOL	NC	µg/L	NA	NA	NA	NA	NA	NA
ISOPROPYLBENZENE	5(G)	µg/L	NA	NA	NA	0.53U	NA	NA
METHYL ACETATE	NC	µg/L	NA	NA	NA	1.2UJ	NA	NA
METHYL METHACRYLATE	NC	µg/L	10U	10U	NA	NA	NA	NA
METHYL TERT-BUTYL ETHER	10(G)	µg/L	NA	NA	NA	1.0U	NA	NA
METHYLCYCLOHEXANE	NC	µg/L	NA	NA	NA	0.56U	NA	NA
METHYLENE CHLORIDE	5(S)	µg/L	2.0U	2.0U	2.0U	1.1U	2.0U	2.0U
O-XYLENE	5(S)	µg/L	1.0U	NA	NA	0.73U	NA	NA
STYRENE	5(S)	µg/L	5.0U	5.0U	5.0U	0.64U	5.0U	5.0U
TETRACHLOROETHENE	5(S)	µg/L	1.0U	1.0U	1.0UJ	0.82U	1.0U	1.0U
TOLUENE	5(S)	µg/L	1.0U	0.81J	0.25J	0.91J	0.22J	0.45J
TRANS-1,2-DICHLOROETHENE	5(G)	µg/L	1.0U	1.0U	1.0U	0.75U	1.0U	1.0U
TRANS-1,3-DICHLOROPROPENE	0.4(S)	µg/L	1.0U	1.0U	1.0U	0.58U	1.0U	1.0U
TRANS-1,4-DICHLORO-2-BUTENE	NC	µg/L	5.0U	5.0U	5.0UJ	0.81U	5.0U	5.0U
TRICHLOROETHENE	5(S)	µg/L	1.0U	1.0U	1.0U	0.80U	1.0U	1.0U
TRICHLOROFLUOROMETHANE	5(S)	µg/L	5.0U	5.0U	5.0U	1.1U	5.0U	5.0U
VINYL ACETATE	NC	µg/L	10U	10U	10U	0.86U	10U	10U
VINYL CHLORIDE	2(S)	µg/L	1.0U	1.0U	1.0U	1.3U	1.0U	1.0U
XYLENES, M & P	5(S)	µg/L	1.0U	NA	NA	1.3U	NA	NA
XYLENES, TOTAL	5(S)	µg/L	1.0U	1.0U	1.0U	2.0U	1.0U	1.0U

Notes:

U - Non detect; J - estimated value; R - rejected value;

EMPC - estimated maximum possible concentration; K - congener estimated maximum possible concentration.

NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 4
Honeywell
SCA Hydrogeologic Investigation
Shallow Monitoring Wells
Method 8260/8015 Volatile Organic Compound Data

Parameter Name	New York State Class GA Standards	Field Sample ID	SCA-0057-02	SCA-0006-01	SCA-0012-02	SCA-0018-03	SCA-0028-01	SCA-0042-01
		Location	SB915-MW-91SN	SB915-MW-91S	SB915-MW-91S	SB915-MW-91S	SB915-MW-91S	SB915-MW-91S
		Sample Date	7/18/2012	3/17/2011	6/28/2011	9/22/2011	12/7/2011	3/21/2012
		Sample Depth	78-88 FT	21-41 FT	21-41 FT	21-41 FT	21-41 FT	21-41 FT
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
Units								
1,1,1,2-TETRACHLOROETHANE	NC	µg/L	5.0U	5.0U	5.0U	5.0U	1.7U	5.0U
1,1,1-TRICHLOROETHANE	5(S)	µg/L	1.0U	1.0U	1.0U	1.0U	2.6U	1.0U
1,1,2,2-TETRACHLOROETHANE	5(S)	µg/L	1.0U	1.0U	1.0U	1.0U	2.3U	1.0U
1,1,2-TRICHLOROETHANE	1(S)	µg/L	1.0U	1.0U	1.0U	1.0U	2.9U	1.0U
1,1,2-TRICHLOROTRIFLUOROETHANE	NC	µg/L	NA	NA	NA	NA	0.83U	NA
1,1-DICHLOROETHANE	5(S)	µg/L	1.0U	1.0U	1.0U	1.0U	2.5U	1.0U
1,1-DICHLOROETHENE	5(S)	µg/L	1.0U	1.0U	1.0U	1.0U	2.7U	1.0U
1,1-DICHLOROPROPENE	NC	µg/L	NA	5.0U	NA	NA	NA	NA
1,2,3-TRICHLOROPROPANE	NC	µg/L	5.0U	5.0U	5.0U	5.0U	4.1U	5.0U
1,2,4-TRICHLOROENZENE	5(S)	µg/L	NA	0.79J	NA	NA	0.94UJ	NA
1,2-DIBROMO-3-CHLOROPROPANE	NC	µg/L	10U	10U	10U	10U	0.88U	10U
1,2-DIBROMOETHANE	5(S)	µg/L	2.0U	2.0U	2.0U	2.0U	1.5U	2.0U
1,2-DICHLOROBENZENE	3(S)	µg/L	0.39J	[53.2]	NA	[45.2]	[92]	[91.1]
1,2-DICHLOROETHANE	0.6(S)	µg/L	1.0U	1.0U	1.0U	1.0U	2.4U	1.0U
1,2-DICHLOROETHENE (TOTAL)	5(S)	µg/L	NA	NA	NA	NA	NA	NA
1,2-DICHLOROPROPANE	1(S)	µg/L	1.0U	1.0U	1.0U	1.0U	3.2U	1.0U
1,3-DICHLOROBENZENE	3(S)	µg/L	NA	0.34J	NA	NA	1.3U	NA
1,3-DICHLOROPROPANE	NC	µg/L	NA	5.0U	NA	NA	NA	NA
1,4-DICHLOROBENZENE	3(S)	µg/L	0.43J	[45.9]	NA	[30.9]	[81]	[88.7]
1,4-DIOXANE	NC	µg/L	NA	NA	130U	NA	NA	NA
2,2-DICHLOROPROPANE	NC	µg/L	NA	5.0U	NA	NA	NA	NA
2-BUTANONE	50(G)	µg/L	10U	6.3J	5.4J	10UJ	2.7UJ	10U
2-HEXANONE	50(G)	µg/L	5.0U	5.0U	5.0U	5.0U	1.4UJ	5.0U
2-PROPENENITRILE, 2-METHYL-	NC	µg/L	NA	10U	10U	NA	NA	NA
4-METHYL-2-PENTANONE	NC	µg/L	5.0U	1.4J	5.0U	5.0U	1.5U	5.0U
ACETONE	50(S)	µg/L	10U	[122]	[141]	[134J]	[87J]	[150]
ACETONITRILE	NC	µg/L	50U	100U	100UJ	NA	NA	50U
ACETOPHENONE	NC	µg/L	NA	0	NA	NA	NA	NA
ACROLEIN	NC	µg/L	NA	50U	50U	NA	NA	NA
ACRYLONITRILE	NC	µg/L	NA	50U	50U	50U	17U	NA
ALLYL CHLORIDE	NC	µg/L	NA	5.0U	5.0U	NA	NA	NA
BENZENE	1(S)	µg/L	[4.0]	[181]	[212]	[194]	[300]	[180]
BROMOCHLOROMETHANE	NC	µg/L	5.0U	5.0U	NA	5.0U	NA	5.0U
BROMODICHLOROMETHANE	50(G)	µg/L	1.0U	1.0U	1.0U	1.0U	2.3U	1.0U
BROMOFORM	50(G)	µg/L	4.0U	4.0U	4.0U	4.0U	2.7U	4.0U
BROMOMETHANE	5(S)	µg/L	2.0U	2.0U	2.0U	2.0U	3.9U	2.0UJ
CARBON DISULFIDE	60(G)	µg/L	2.0U	2.0U	2.0U	2.0U	2.7U	2.0U
CARBON TETRACHLORIDE	5(S)	µg/L	1.0U	1.0U	1.0U	1.0U	2.7U	1.0U
CHLOROBENZENE	5(S)	µg/L	1.7	[124]	[114]	[123]	[220]	[166]
CHLORODIBROMOMETHANE	50(G)	µg/L	1.0U	1.0U	1.0U	1.0U	1.6U	1.0U

Notes:

U - Non detect; J - estimated value; R - rejected value;

EMPC - estimated maximum possible concentration; K - congener estimated maximum possible concentration.

NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 4
Honeywell
SCA Hydrogeologic Investigation
Shallow Monitoring Wells
Method 8260/8015 Volatile Organic Compound Data

Parameter Name	New York State Class GA Standards	Field Sample ID	SCA-0057-02	SCA-0006-01	SCA-0012-02	SCA-0018-03	SCA-0028-01	SCA-0042-01
		Location	SB915-MW-91SN	SB915-MW-91S	SB915-MW-91S	SB915-MW-91S	SB915-MW-91S	SB915-MW-91S
		Sample Date	7/18/2012	3/17/2011	6/28/2011	9/22/2011	12/7/2011	3/21/2012
		Sample Depth	78-88 FT	21-41 FT	21-41 FT	21-41 FT	21-41 FT	21-41 FT
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Units						
CHLOROETHANE	5(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.9U	1.0UJ
CHLOROFORM	7(S)	µg/L	1.0U	1.0U	1.0U	1.0U	2.5U	1.0U
CHLOROMETHANE	5(S)	µg/L	1.0U	1.0U	1.0U	1.0U	3.5U	1.0U
CHLOROPRENE	NC	µg/L	NA	5.0U	5.0U	NA	NA	NA
CIS-1,2-DICHLOROETHENE	5(G)	µg/L	1.0U	1.0U	1.0U	1.0U	1.7U	1.0U
CIS-1,3-DICHLOROPROPENE	0.4(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.8U	1.0U
CYCLOHEXANE	NC	µg/L	NA	NA	NA	NA	1.5U	NA
DIBROMOMETHANE	NC	µg/L	5.0U	5.0U	5.0U	5.0U	NA	5.0U
DICHLORODIFLUOROMETHANE	5(S)	µg/L	NA	5.0U	5.0U	NA	1.6U	NA
ETHANE, PENTACHLORO-	NC	µg/L	NA	NA	5.0U	NA	NA	NA
ETHYL CYANIDE	NC	µg/L	NA	NA	50U	NA	NA	NA
ETHYL METHACRYLATE	NC	µg/L	NA	10U	10U	NA	NA	NA
ETHYLBENZENE	5(S)	µg/L	1.0U	0.69J	0.69J	4.5	1.7J	0.80J
IODOMETHANE	NC	µg/L	NA	25U	25U	NA	NA	NA
ISOBUTANOL	NC	µg/L	NA	100U	50U	NA	NA	NA
ISOPROPANOL	NC	µg/L	NA	NA	NA	NA	NA	NA
ISOPROPYLBENZENE	5(G)	µg/L	NA	NA	NA	NA	1.4J	NA
METHYL ACETATE	NC	µg/L	NA	NA	NA	NA	3.1UJ	NA
METHYL METHACRYLATE	NC	µg/L	NA	10U	10U	NA	NA	NA
METHYL TERT-BUTYL ETHER	10(G)	µg/L	NA	NA	NA	NA	2.6U	NA
METHYLCYCLOHEXANE	NC	µg/L	NA	NA	NA	NA	1.6J	NA
METHYLENE CHLORIDE	5(S)	µg/L	2.0U	2.0U	2.0U	2.0U	2.7U	2.0U
O-XYLENE	5(S)	µg/L	NA	3.9	NA	NA	[5.7J]	NA
STYRENE	5(S)	µg/L	5.0U	5.0U	5.0U	5.0U	1.6U	5.0U
TETRACHLOROETHENE	5(S)	µg/L	1.0U	1.0U	1.0U	1.0UJ	2.1U	1.0U
TOLUENE	5(S)	µg/L	0.51J	[41.4]	[42.7]	[40.6]	[61]	[46.7]
TRANS-1,2-DICHLOROETHENE	5(G)	µg/L	1.0U	1.0U	1.0U	1.0U	1.9U	1.0U
TRANS-1,3-DICHLOROPROPENE	0.4(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.5U	1.0U
TRANS-1,4-DICHLORO-2-BUTENE	NC	µg/L	5.0U	5.0U	5.0U	5.0UJ	2.0U	5.0U
TRICHLOROETHENE	5(S)	µg/L	1.0U	1.0U	1.0U	1.0U	2.0U	1.0U
TRICHLOROFLUOROMETHANE	5(S)	µg/L	5.0U	5.0U	5.0U	5.0U	2.8U	5.0U
VINYL ACETATE	NC	µg/L	10U	10U	10U	10U	2.2U	10U
VINYL CHLORIDE	2(S)	µg/L	1.0U	1.0U	1.0U	1.0U	3.2U	1.0U
XYLENES, M & P	5(S)	µg/L	NA	[6.8]	NA	NA	[11J]	NA
XYLENES, TOTAL	5(S)	µg/L	1.0U	[10.8]	[9.3]	[9.9]	[17J]	[12.1]

Notes:

U - Non detect; J - estimated value; R - rejected value;

EMPC - estimated maximum possible concentration; K - congener estimated maximum possible concentration.

NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 4
Honeywell
SCA Hydrogeologic Investigation
Shallow Monitoring Wells
Method 8260/8015 Volatile Organic Compound Data

Parameter Name	New York State Class GA Standards	Field Sample ID Location Sample Date Sample Depth Sample Purpose Units	SCA-0050-01 SB915-MW-91S 5/15/2012 21-41 FT Regular sample Regular sample	SCA-0057-05 SB915-MW-91S 7/18/2012 21-41 FT Regular sample Regular sample	SCA-0005-01 SB915-MW-92S 3/16/2011 28-48 FT Regular sample Regular sample	SCA-0013-01 SB915-MW-92S 6/29/2011 28-48 FT Regular sample Regular sample	SCA-0015-03 SB915-MW-92S 9/20/2011 28-48 FT Regular sample Regular sample	SCA-0030-01 SB915-MW-92S 12/9/2011 28-48 FT Regular sample Regular sample
1,1,1,2-TETRACHLOROETHANE	NC	µg/L	5.0U	5.0U	5.0U	5.0U	5.0U	0.68U
1,1,1-TRICHLOROETHANE	5(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
1,1,2,2-TETRACHLOROETHANE	5(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	0.93U
1,1,2-TRICHLOROETHANE	1(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.2U
1,1,2-TRICHLOROTRIFLUOROETHANE	NC	µg/L	NA	NA	NA	NA	NA	0.33U
1,1-DICHLOROETHANE	5(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
1,1-DICHLOROETHENE	5(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.1U
1,1-DICHLOROPROPENE	NC	µg/L	NA	NA	5.0U	NA	NA	NA
1,2,3-TRICHLOROPROPANE	NC	µg/L	5.0U	5.0U	5.0U	5.0U	5.0U	1.6U
1,2,4-TRICHLOROENZENE	5(S)	µg/L	NA	NA	5.0U	NA	NA	0.38U
1,2-DIBROMO-3-CHLOROPROPANE	NC	µg/L	10U	10U	10U	10U	10U	0.35U
1,2-DIBROMOETHANE	5(S)	µg/L	2.0U	2.0U	2.0U	2.0U	2.0U	0.61U
1,2-DICHLOROBENZENE	3(S)	µg/L	[81.9]	[47.5]	[126]	NA	[198]	[190]
1,2-DICHLOROETHANE	0.6(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	0.96U
1,2-DICHLOROETHENE (TOTAL)	5(S)	µg/L	NA	NA	NA	NA	NA	NA
1,2-DICHLOROPROPANE	1(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.3U
1,3-DICHLOROBENZENE	3(S)	µg/L	NA	NA	1.6	NA	NA	0.51U
1,3-DICHLOROPROPANE	NC	µg/L	NA	NA	5.0U	NA	NA	NA
1,4-DICHLOROBENZENE	3(S)	µg/L	[79.4]	[44.9]	[59.4]	NA	[94.1]	[85]
1,4-DIOXANE	NC	µg/L	NA	NA	NA	130U	NA	NA
2,2-DICHLOROPROPANE	NC	µg/L	NA	NA	5.0U	NA	NA	NA
2-BUTANONE	50(G)	µg/L	10U	10U	31.2	24.4	27.7	23J
2-HEXANONE	50(G)	µg/L	5.0U	5.0U	5.0U	5.0U	5.0UJ	0.57UJ
2-PROPENENITRILE, 2-METHYL-	NC	µg/L	NA	NA	10U	10U	NA	NA
4-METHYL-2-PENTANONE	NC	µg/L	5.0U	5.0U	3.0J	2.0J	1.8J	1.2J
ACETONE	50(S)	µg/L	[158]	[131]	[374]	[403]	[387]	[280J]
ACETONITRILE	NC	µg/L	50U	50U	100U	100UJ	NA	NA
ACETOPHENONE	NC	µg/L	NA	NA	NA	NA	NA	NA
ACROLEIN	NC	µg/L	NA	NA	50U	50U	NA	NA
ACRYLONITRILE	NC	µg/L	NA	NA	50U	50U	50U	6.8UJ
ALLYL CHLORIDE	NC	µg/L	NA	NA	5.0U	5.0U	NA	NA
BENZENE	1(S)	µg/L	[211]	[231]	[87.6]	[85.5]	[99.3]	[140]
BROMOCHLOROMETHANE	NC	µg/L	5.0U	5.0U	5.0U	NA	5.0U	NA
BROMODICHLOROMETHANE	50(G)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	0.93U
BROMOFORM	50(G)	µg/L	4.0U	4.0U	4.0U	4.0U	4.0U	1.1U
BROMOMETHANE	5(S)	µg/L	2.0U	2.0U	2.0U	2.0U	2.0U	1.6U
CARBON DISULFIDE	60(G)	µg/L	2.0U	2.0U	2.0U	2.0U	2.0U	1.1U
CARBON TETRACHLORIDE	5(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.1U
CHLOROBENZENE	5(S)	µg/L	[164]	[115]	[323]	[289]	[458]	[490J]
CHLORODIBROMOMETHANE	50(G)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	0.65U

Notes:

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EMPC - estimated maximum possible concentration; K - congener estimated maximum possible concentration.

NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 4
Honeywell
SCA Hydrogeologic Investigation
Shallow Monitoring Wells
Method 8260/8015 Volatile Organic Compound Data

Parameter Name	New York State Class GA Standards	Field Sample ID	SCA-0050-01	SCA-0057-05	SCA-0005-01	SCA-0013-01	SCA-0015-03	SCA-0030-01
		Location	SB915-MW-91S	SB915-MW-91S	SB915-MW-92S	SB915-MW-92S	SB915-MW-92S	SB915-MW-92S
		Sample Date	5/15/2012	7/18/2012	3/16/2011	6/29/2011	9/20/2011	12/9/2011
		Sample Depth	21-41 FT	21-41 FT	28-48 FT	28-48 FT	28-48 FT	28-48 FT
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Units						
CHLOROETHANE	5(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	0.75U
CHLOROFORM	7(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
CHLOROMETHANE	5(S)	µg/L	1.0U	1.0U	1.0U	1.0U	0.35J	1.4U
CHLOROPRENE	NC	µg/L	NA	NA	5.0U	5.0U	NA	NA
CIS-1,2-DICHLOROETHENE	5(G)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	0.67U
CIS-1,3-DICHLOROPROPENE	0.4(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	0.73U
CYCLOHEXANE	NC	µg/L	NA	NA	NA	NA	NA	0.60U
DIBROMOMETHANE	NC	µg/L	5.0U	5.0U	5.0U	5.0U	5.0U	NA
DICHLORODIFLUOROMETHANE	5(S)	µg/L	NA	NA	5.0U	5.0U	NA	0.64U
ETHANE, PENTACHLORO-	NC	µg/L	NA	NA	NA	5.0U	NA	NA
ETHYL CYANIDE	NC	µg/L	NA	NA	NA	50U	NA	NA
ETHYL METHACRYLATE	NC	µg/L	NA	NA	10U	10U	NA	NA
ETHYLBENZENE	5(S)	µg/L	0.84J	0.66J	0.61J	0.65J	0.87J	1.2J
IODOMETHANE	NC	µg/L	NA	NA	25U	25U	NA	NA
ISOBUTANOL	NC	µg/L	NA	NA	100U	50U	NA	NA
ISOPROPANOL	NC	µg/L	NA	NA	NA	NA	NA	NA
ISOPROPYLBENZENE	5(G)	µg/L	NA	NA	NA	NA	NA	0.88J
METHYL ACETATE	NC	µg/L	NA	NA	NA	NA	NA	1.2UJ
METHYL METHACRYLATE	NC	µg/L	NA	NA	10U	10U	NA	NA
METHYL TERT-BUTYL ETHER	10(G)	µg/L	NA	NA	NA	NA	NA	1.0U
METHYLCYCLOHEXANE	NC	µg/L	NA	NA	NA	NA	NA	2.1J
METHYLENE CHLORIDE	5(S)	µg/L	2.0U	2.0U	2.0U	2.0U	2.0U	1.1U
O-XYLENE	5(S)	µg/L	NA	NA	[5.5]	NA	NA	[6.9]
STYRENE	5(S)	µg/L	5.0U	5.0U	5.0U	5.0U	5.0U	0.64U
TETRACHLOROETHENE	5(S)	µg/L	1.0U	1.0U	1.0U	1.0U	0.33J	0.82U
TOLUENE	5(S)	µg/L	[49.0]	[41.5]	[25.9]	[24.5]	[30.4]	[34]
TRANS-1,2-DICHLOROETHENE	5(G)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	0.75U
TRANS-1,3-DICHLOROPROPENE	0.4(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	0.58U
TRANS-1,4-DICHLORO-2-BUTENE	NC	µg/L	5.0U	5.0U	5.0U	5.0U	5.0UJ	0.81U
TRICHLOROETHENE	5(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	0.80U
TRICHLOROFLUOROMETHANE	5(S)	µg/L	5.0U	5.0U	5.0U	5.0U	5.0U	1.1U
VINYL ACETATE	NC	µg/L	10U	10U	10U	10U	10U	0.86U
VINYL CHLORIDE	2(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.3U
XYLENES, M & P	5(S)	µg/L	NA	NA	[11.4]	NA	NA	[16]
XYLENES, TOTAL	5(S)	µg/L	[12.0]	[8.0]	[16.9]	[17.1]	[22.7]	[23]

Notes:

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Table 4
Honeywell
SCA Hydrogeologic Investigation
Shallow Monitoring Wells
Method 8260/8015 Volatile Organic Compound Data

Parameter Name	New York State Class GA Standards	Field Sample ID	SCA-0043-01	SCA-0051-01	SCA-0056-07	SCA-0014-01	SCA-0033-01	SCA-0041-01
		Location	SB915-MW-92S	SB915-MW-92S	SB915-MW-92S	SB915-MW-93S	SB915-MW-93S	SB915-MW-93S
		Sample Date	3/22/2012	5/16/2012	7/17/2012	9/19/2011	12/14/2011	3/20/2012
		Sample Depth	28-48 FT	28-48 FT	28-48 FT	22-32 FT	22-32 FT	22-32 FT
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Units						
1,1,1,2-TETRACHLOROETHANE	NC	µg/L	10U	5.0U	5.0U	5.0U	0.68U	5.0U
1,1,1-TRICHLOROETHANE	5(S)	µg/L	2.0U	1.0U	1.0U	1.0U	1.0U	1.0U
1,1,2,2-TETRACHLOROETHANE	5(S)	µg/L	2.0U	1.0U	1.0U	1.0U	0.93UJ	1.0U
1,1,2-TRICHLOROETHANE	1(S)	µg/L	2.0U	1.0U	1.0U	1.0U	1.2UJ	1.0U
1,1,2-TRICHLOROTRIFLUOROETHANE	NC	µg/L	NA	NA	NA	NA	0.33U	NA
1,1-DICHLOROETHANE	5(S)	µg/L	2.0U	1.0U	1.0U	1.0U	1.0U	1.0U
1,1-DICHLOROETHENE	5(S)	µg/L	2.0U	1.0U	1.0U	1.0U	1.1U	1.0U
1,1-DICHLOROPROPENE	NC	µg/L	NA	NA	NA	5.0U	NA	NA
1,2,3-TRICHLOROPROPANE	NC	µg/L	10U	5.0U	5.0U	5.0U	1.6UJ	5.0U
1,2,4-TRICHLOROENZENE	5(S)	µg/L	NA	NA	NA	5.0U	0.38UJ	NA
1,2-DIBROMO-3-CHLOROPROPANE	NC	µg/L	20U	10U	10U	10U	0.35UJ	10U
1,2-DIBROMOETHANE	5(S)	µg/L	4.0U	2.0U	2.0U	2.0U	0.61UJ	2.0U
1,2-DICHLOROBENZENE	3(S)	µg/L	[144]	[183]	[146]	[8.1]	[5.5]	[7.8]
1,2-DICHLOROETHANE	0.6(S)	µg/L	2.0U	1.0U	1.0U	1.0U	0.96U	1.0U
1,2-DICHLOROETHENE (TOTAL)	5(S)	µg/L	NA	NA	NA	NA	NA	NA
1,2-DICHLOROPROPANE	1(S)	µg/L	2.0U	1.0U	1.0U	1.0U	1.3U	1.0U
1,3-DICHLOROBENZENE	3(S)	µg/L	NA	NA	NA	0.47J	0.51U	NA
1,3-DICHLOROPROPANE	NC	µg/L	NA	NA	NA	5.0U	NA	NA
1,4-DICHLOROBENZENE	3(S)	µg/L	[71.7]	[102]	[72.7]	[14.0]	[10]	[12.6]
1,4-DIOXANE	NC	µg/L	NA	NA	NA	NA	NA	NA
2,2-DICHLOROPROPANE	NC	µg/L	NA	NA	NA	5.0U	NA	NA
2-BUTANONE	50(G)	µg/L	14.7J	26.1	20.9	10U	1.1UJ	10U
2-HEXANONE	50(G)	µg/L	10U	5.0U	5.0U	5.0U	0.57U	5.0U
2-PROPENENITRILE, 2-METHYL-	NC	µg/L	NA	NA	NA	10U	NA	NA
4-METHYL-2-PENTANONE	NC	µg/L	10U	1.8J	1.7J	5.0U	0.59U	5.0U
ACETONE	50(S)	µg/L	[349]	[443]	[427]	10UJ	5.0UJ	10U
ACETONITRILE	NC	µg/L	100U	50U	50U	100U	NA	50U
ACETOPHENONE	NC	µg/L	NA	NA	NA	NA	NA	NA
ACROLEIN	NC	µg/L	NA	NA	NA	50U	NA	NA
ACRYLONITRILE	NC	µg/L	NA	NA	NA	50U	6.8U	NA
ALLYL CHLORIDE	NC	µg/L	NA	NA	NA	5.0U	NA	NA
BENZENE	1(S)	µg/L	[66.0]	[90.7]	[119]	1.0U	0.99U	0.25J
BROMOCHLOROMETHANE	NC	µg/L	10U	5.0U	5.0U	5.0U	NA	5.0U
BROMODICHLOROMETHANE	50(G)	µg/L	2.0U	1.0U	1.0U	1.0U	0.93U	1.0U
BROMOFORM	50(G)	µg/L	8.0U	4.0U	4.0U	4.0U	1.1UJ	4.0U
BROMOMETHANE	5(S)	µg/L	4.0U	2.0UJ	2.0U	2.0U	1.6U	2.0UJ
CARBON DISULFIDE	60(G)	µg/L	4.0U	2.0U	2.0U	2.0U	1.1U	2.0U
CARBON TETRACHLORIDE	5(S)	µg/L	2.0U	1.0U	1.0U	1.0U	1.1U	1.0U
CHLOROBENZENE	5(S)	µg/L	[300]	[376]	[354]	[8.8]	[7.2]	[7.1]
CHLORODIBROMOMETHANE	50(G)	µg/L	2.0U	1.0U	1.0U	1.0U	0.65UJ	1.0U

Notes:

U - Non detect; J - estimated value; R - rejected value;

EMPC - estimated maximum possible concentration; K - congener estimated maximum possible concentration.

NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 4
Honeywell
SCA Hydrogeologic Investigation
Shallow Monitoring Wells
Method 8260/8015 Volatile Organic Compound Data

Parameter Name	New York State Class GA Standards	Field Sample ID	SCA-0043-01	SCA-0051-01	SCA-0056-07	SCA-0014-01	SCA-0033-01	SCA-0041-01
		Location	SB915-MW-92S	SB915-MW-92S	SB915-MW-92S	SB915-MW-93S	SB915-MW-93S	SB915-MW-93S
		Sample Date	3/22/2012	5/16/2012	7/17/2012	9/19/2011	12/14/2011	3/20/2012
		Sample Depth	28-48 FT	28-48 FT	28-48 FT	22-32 FT	22-32 FT	22-32 FT
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Units						
CHLOROETHANE	5(S)	µg/L	2.0U	1.0U	1.0U	1.0U	0.75U	1.0UJ
CHLOROFORM	7(S)	µg/L	2.0U	1.0U	1.0U	1.0U	1.0U	1.0U
CHLOROMETHANE	5(S)	µg/L	2.0U	1.0U	1.0U	1.0U	1.4U	1.0U
CHLOROPRENE	NC	µg/L	NA	NA	NA	5.0U	NA	NA
CIS-1,2-DICHLOROETHENE	5(G)	µg/L	2.0U	1.0U	1.0U	1.0U	0.67U	1.0U
CIS-1,3-DICHLOROPROPENE	0.4(S)	µg/L	2.0U	1.0U	1.0U	1.0U	0.73U	1.0U
CYCLOHEXANE	NC	µg/L	NA	NA	NA	NA	0.60U	NA
DIBROMOMETHANE	NC	µg/L	10U	5.0U	5.0U	5.0U	NA	5.0U
DICHLORODIFLUOROMETHANE	5(S)	µg/L	NA	NA	NA	5.0U	0.64U	NA
ETHANE, PENTACHLORO-	NC	µg/L	NA	NA	NA	NA	NA	NA
ETHYL CYANIDE	NC	µg/L	NA	NA	NA	100U	NA	NA
ETHYL METHACRYLATE	NC	µg/L	NA	NA	NA	10U	NA	NA
ETHYLBENZENE	5(S)	µg/L	0.54J	0.83J	0.68J	1.0U	0.62U	1.0U
IODOMETHANE	NC	µg/L	NA	NA	NA	25U	NA	NA
ISOBUTANOL	NC	µg/L	NA	NA	NA	NA	NA	NA
ISOPROPANOL	NC	µg/L	NA	NA	NA	100U	NA	NA
ISOPROPYLBENZENE	5(G)	µg/L	NA	NA	NA	NA	0.53U	NA
METHYL ACETATE	NC	µg/L	NA	NA	NA	NA	1.2UJ	NA
METHYL METHACRYLATE	NC	µg/L	NA	NA	NA	10U	NA	NA
METHYL TERT-BUTYL ETHER	10(G)	µg/L	NA	NA	NA	NA	1.0U	NA
METHYLCYCLOHEXANE	NC	µg/L	NA	NA	NA	NA	0.56U	NA
METHYLENE CHLORIDE	5(S)	µg/L	4.0U	2.0U	2.0U	2.0U	1.1U	2.0U
O-XYLENE	5(S)	µg/L	NA	NA	NA	1.0U	0.73U	NA
STYRENE	5(S)	µg/L	10U	5.0U	5.0U	5.0U	0.64U	5.0U
TETRACHLOROETHENE	5(S)	µg/L	2.0U	1.0U	1.0U	1.0U	0.82U	1.0U
TOLUENE	5(S)	µg/L	[20.2]	[27.9]	[28.6]	1.0U	0.85U	1.0U
TRANS-1,2-DICHLOROETHENE	5(G)	µg/L	2.0U	1.0U	1.0U	1.0U	0.75U	1.0U
TRANS-1,3-DICHLOROPROPENE	0.4(S)	µg/L	2.0U	1.0U	1.0U	1.0U	0.58U	1.0U
TRANS-1,4-DICHLORO-2-BUTENE	NC	µg/L	10UJ	5.0U	5.0U	5.0U	0.81UJ	5.0U
TRICHLOROETHENE	5(S)	µg/L	2.0U	1.0U	1.0U	1.0U	0.80U	1.0U
TRICHLOROFLUOROMETHANE	5(S)	µg/L	10U	5.0U	5.0U	5.0U	1.1UJ	5.0U
VINYL ACETATE	NC	µg/L	20U	10U	10U	10U	0.86U	10U
VINYL CHLORIDE	2(S)	µg/L	2.0U	1.0U	1.0U	1.0U	1.3U	1.0U
XYLENES, M & P	5(S)	µg/L	NA	NA	NA	1.0U	1.3U	NA
XYLENES, TOTAL	5(S)	µg/L	[14.9]	[21.2]	[16.5]	1.0U	2.0U	1.0U

Notes:

U - Non detect; J - estimated value; R - rejected value;

EMPC - estimated maximum possible concentration; K - congener estimated maximum possible concentration.

NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 4
Honeywell
SCA Hydrogeologic Investigation
Shallow Monitoring Wells
Method 8260/8015 Volatile Organic Compound Data

Parameter Name	New York State Class GA Standards	Field Sample ID Location Sample Date Sample Depth Sample Purpose Units	SCA-0049-01 SB915-MW-93S 5/14/2012 22-32 FT Regular sample	SCA-0054-03 SB915-MW-93S 7/13/2012 22-32 FT Regular sample	SCA-0016-01 SB915-MW-94S 9/21/2011 20-30 FT Regular sample	SCA-0031-05 SB915-MW-94S 12/12/2011 20-30 FT Regular sample	SCA-0037-01 SB915-MW-94S 3/14/2012 20-30 FT Regular sample	SCA-0048-01 SB915-MW-94S 5/11/2012 20-30 FT Regular sample
1,1,1,2-TETRACHLOROETHANE	NC	µg/L	5.0U	5.0U	5.0U	0.68U	5.0U	5.0U
1,1,1-TRICHLOROETHANE	5(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
1,1,2,2-TETRACHLOROETHANE	5(S)	µg/L	1.0U	1.0U	1.0U	0.93U	1.0U	1.0U
1,1,2-TRICHLOROETHANE	1(S)	µg/L	1.0U	1.0U	1.0U	1.2U	1.0U	1.0U
1,1,2-TRICHLOROTRIFLUOROETHANE	NC	µg/L	NA	NA	NA	0.33U	NA	NA
1,1-DICHLOROETHANE	5(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
1,1-DICHLOROETHENE	5(S)	µg/L	1.0U	1.0U	1.0U	1.1U	1.0U	1.0U
1,1-DICHLOROPROPENE	NC	µg/L	NA	NA	5.0U	NA	NA	NA
1,2,3-TRICHLOROPROPANE	NC	µg/L	5.0U	5.0U	5.0U	1.6UJ	5.0U	5.0U
1,2,4-TRICHLOROENZENE	5(S)	µg/L	NA	NA	5.0U	0.38UJ	NA	NA
1,2-DIBROMO-3-CHLOROPROPANE	NC	µg/L	10U	10U	10U	0.35UJ	10U	10U
1,2-DIBROMOETHANE	5(S)	µg/L	2.0U	2.0U	2.0U	0.61U	2.0U	2.0U
1,2-DICHLOROBENZENE	3(S)	µg/L	[7.4]	[6.8]	1.0U	0.68U	1.0U	1.0U
1,2-DICHLOROETHANE	0.6(S)	µg/L	1.0U	1.0U	1.0U	0.96U	1.0U	1.0U
1,2-DICHLOROETHENE (TOTAL)	5(S)	µg/L	NA	NA	NA	NA	NA	NA
1,2-DICHLOROPROPANE	1(S)	µg/L	1.0U	1.0U	1.0U	1.3U	1.0U	1.0U
1,3-DICHLOROBENZENE	3(S)	µg/L	NA	NA	1.0U	0.51U	NA	NA
1,3-DICHLOROPROPANE	NC	µg/L	NA	NA	5.0U	NA	NA	NA
1,4-DICHLOROBENZENE	3(S)	µg/L	[11.9]	[11.8]	1.0U	0.53U	1.0U	1.0U
1,4-DIOXANE	NC	µg/L	NA	NA	NA	NA	NA	NA
2,2-DICHLOROPROPANE	NC	µg/L	NA	NA	5.0U	NA	NA	NA
2-BUTANONE	50(G)	µg/L	10U	10U	10U	1.1UJ	10U	10U
2-HEXANONE	50(G)	µg/L	5.0U	5.0U	5.0U	0.57UJ	5.0U	5.0U
2-PROPENENITRILE, 2-METHYL-	NC	µg/L	NA	NA	10U	NA	NA	NA
4-METHYL-2-PENTANONE	NC	µg/L	5.0U	5.0U	5.0U	0.59U	5.0U	5.0U
ACETONE	50(S)	µg/L	10UJ	10UJ	10UJ	5.0UJ	10U	10UJ
ACETONITRILE	NC	µg/L	50U	50U	100U	NA	50U	50U
ACETOPHENONE	NC	µg/L	NA	NA	NA	NA	NA	NA
ACROLEIN	NC	µg/L	NA	NA	50U	NA	NA	NA
ACRYLONITRILE	NC	µg/L	NA	NA	50U	6.8U	NA	NA
ALLYL CHLORIDE	NC	µg/L	NA	NA	5.0U	NA	NA	NA
BENZENE	1(S)	µg/L	0.30J	0.39J	1.0U	0.99U	1.0U	1.0U
BROMOCHLOROMETHANE	NC	µg/L	5.0U	5.0U	5.0UJ	NA	5.0U	5.0U
BROMODICHLOROMETHANE	50(G)	µg/L	1.0U	1.0U	1.0U	0.93U	1.0U	1.0U
BROMOFORM	50(G)	µg/L	4.0U	4.0U	4.0U	1.1U	4.0U	4.0U
BROMOMETHANE	5(S)	µg/L	2.0U	2.0U	2.0U	1.6U	2.0U	2.0U
CARBON DISULFIDE	60(G)	µg/L	2.0U	2.0U	2.0U	1.1UJ	2.0U	2.0U
CARBON TETRACHLORIDE	5(S)	µg/L	1.0U	1.0U	1.0U	1.1U	1.0U	1.0U
CHLOROBENZENE	5(S)	µg/L	[7.9]	[8.0]	1.0U	0.53U	1.0U	1.0U
CHLORODIBROMOMETHANE	50(G)	µg/L	1.0U	1.0U	1.0U	0.65U	1.0U	1.0U

Notes:

U - Non detect; J - estimated value; R - rejected value;

EMPC - estimated maximum possible concentration; K - congener estimated maximum possible concentration.

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Table 4
Honeywell
SCA Hydrogeologic Investigation
Shallow Monitoring Wells
Method 8260/8015 Volatile Organic Compound Data

Parameter Name	New York State Class GA Standards	Field Sample ID	SCA-0049-01	SCA-0054-03	SCA-0016-01	SCA-0031-05	SCA-0037-01	SCA-0048-01
		Location	SB915-MW-93S	SB915-MW-93S	SB915-MW-94S	SB915-MW-94S	SB915-MW-94S	SB915-MW-94S
		Sample Date	5/14/2012	7/13/2012	9/21/2011	12/12/2011	3/14/2012	5/11/2012
		Sample Depth	22-32 FT	22-32 FT	20-30 FT	20-30 FT	20-30 FT	20-30 FT
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Units						
CHLOROETHANE	5(S)	µg/L	1.0U	1.0U	1.0U	0.75UJ	1.0U	1.0U
CHLOROFORM	7(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
CHLOROMETHANE	5(S)	µg/L	1.0U	1.0U	1.0U	1.4U	1.0UJ	1.0U
CHLOROPRENE	NC	µg/L	NA	NA	5.0U	NA	NA	NA
CIS-1,2-DICHLOROETHENE	5(G)	µg/L	1.0U	1.0U	1.0U	0.67U	1.0U	1.0U
CIS-1,3-DICHLOROPROPENE	0.4(S)	µg/L	1.0U	1.0U	1.0U	0.73U	1.0U	1.0U
CYCLOHEXANE	NC	µg/L	NA	NA	NA	0.60U	NA	NA
DIBROMOMETHANE	NC	µg/L	5.0U	5.0U	5.0U	NA	5.0U	5.0U
DICHLORODIFLUOROMETHANE	5(S)	µg/L	NA	NA	5.0U	0.64U	NA	NA
ETHANE, PENTACHLORO-	NC	µg/L	NA	NA	NA	NA	NA	NA
ETHYL CYANIDE	NC	µg/L	NA	NA	100U	NA	NA	NA
ETHYL METHACRYLATE	NC	µg/L	NA	NA	10U	NA	NA	NA
ETHYLBENZENE	5(S)	µg/L	1.0U	1.0U	1.0U	0.62U	1.0U	1.0U
IODOMETHANE	NC	µg/L	NA	NA	25U	NA	NA	NA
ISOBUTANOL	NC	µg/L	NA	NA	NA	NA	NA	NA
ISOPROPANOL	NC	µg/L	NA	NA	100U	NA	NA	NA
ISOPROPYLBENZENE	5(G)	µg/L	NA	NA	NA	0.53U	NA	NA
METHYL ACETATE	NC	µg/L	NA	NA	NA	1.2UJ	NA	NA
METHYL METHACRYLATE	NC	µg/L	NA	NA	10U	NA	NA	NA
METHYL TERT-BUTYL ETHER	10(G)	µg/L	NA	NA	NA	1.0U	NA	NA
METHYLCYCLOHEXANE	NC	µg/L	NA	NA	NA	0.56U	NA	NA
METHYLENE CHLORIDE	5(S)	µg/L	2.0U	2.0U	2.0U	1.1U	2.0U	2.0U
O-XYLENE	5(S)	µg/L	NA	NA	1.0U	0.73U	NA	NA
STYRENE	5(S)	µg/L	5.0U	5.0U	5.0U	0.64U	5.0U	5.0U
TETRACHLOROETHENE	5(S)	µg/L	1.0U	1.0U	1.0U	0.82U	1.0U	1.0U
TOLUENE	5(S)	µg/L	1.0U	1.0U	0.17J	0.85U	1.0U	1.0U
TRANS-1,2-DICHLOROETHENE	5(G)	µg/L	1.0U	1.0U	1.0U	0.75U	1.0U	1.0U
TRANS-1,3-DICHLOROPROPENE	0.4(S)	µg/L	1.0U	1.0U	1.0U	0.58U	1.0U	1.0U
TRANS-1,4-DICHLORO-2-BUTENE	NC	µg/L	5.0U	5.0U	5.0U	0.81U	5.0U	5.0U
TRICHLOROETHENE	5(S)	µg/L	1.0U	0.26J	1.0U	0.80U	1.0U	1.0U
TRICHLOROFLUOROMETHANE	5(S)	µg/L	5.0U	5.0U	5.0U	1.1UJ	5.0U	5.0U
VINYL ACETATE	NC	µg/L	10U	10U	10U	0.86U	10U	10U
VINYL CHLORIDE	2(S)	µg/L	1.0U	1.0U	1.0U	1.3U	1.0U	1.0U
XYLENES, M & P	5(S)	µg/L	NA	NA	1.0U	1.3U	NA	NA
XYLENES, TOTAL	5(S)	µg/L	1.0U	1.0U	1.0U	2.0U	1.0U	1.0U

Notes:

U - Non detect; J - estimated value; R - rejected value;

EMPC - estimated maximum possible concentration; K - congener estimated maximum possible concentration.

NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 4
Honeywell
SCA Hydrogeologic Investigation
Shallow Monitoring Wells
Method 8260/8015 Volatile Organic Compound Data

Parameter Name	New York State Class GA Standards	Field Sample ID	SCA-0052-01	SCA-0016-02	SCA-0029-05	SCA-0037-02	SCA-0048-02	SCA-0053-05
		Location	SB915-MW-94S	SB915-MW-95S	SB915-MW-95S	SB915-MW-95S	SB915-MW-95S	SB915-MW-95S
		Sample Date	7/11/2012	9/21/2011	12/8/2011	3/14/2012	5/11/2012	7/12/2012
		Sample Depth	20-30 FT	26-36 FT	26-36 FT	26-36 FT	26-36 FT	26-36 FT
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Units						
1,1,1,2-TETRACHLOROETHANE	NC	µg/L	5.0U	5.0U	0.68U	5.0U	5.0U	5.0U
1,1,1-TRICHLOROETHANE	5(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
1,1,2,2-TETRACHLOROETHANE	5(S)	µg/L	1.0U	1.0U	0.93U	1.0U	1.0U	1.0U
1,1,2-TRICHLOROETHANE	1(S)	µg/L	1.0U	1.0U	1.2U	1.0U	1.0U	1.0U
1,1,2-TRICHLOROTRIFLUOROETHANE	NC	µg/L	NA	NA	0.33U	NA	NA	NA
1,1-DICHLOROETHANE	5(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
1,1-DICHLOROETHENE	5(S)	µg/L	1.0U	1.0U	1.1U	1.0U	1.0U	1.0U
1,1-DICHLOROPROPENE	NC	µg/L	NA	5.0U	NA	NA	NA	NA
1,2,3-TRICHLOROPROPANE	NC	µg/L	5.0U	5.0U	1.6U	5.0U	5.0U	5.0U
1,2,4-TRICHLOROENZENE	5(S)	µg/L	NA	5.0U	0.38U	NA	NA	NA
1,2-DIBROMO-3-CHLOROPROPANE	NC	µg/L	10U	10U	0.35U	10U	10U	10U
1,2-DIBROMOETHANE	5(S)	µg/L	2.0U	2.0U	0.61U	2.0U	2.0U	2.0U
1,2-DICHLOROBENZENE	3(S)	µg/L	1.0U	1.0U	0.68U	1.0U	1.0U	1.0U
1,2-DICHLOROETHANE	0.6(S)	µg/L	1.0U	[1.9]	[2.5]	1.0U	1.0U	1.0U
1,2-DICHLOROETHENE (TOTAL)	5(S)	µg/L	NA	NA	NA	NA	NA	NA
1,2-DICHLOROPROPANE	1(S)	µg/L	1.0U	1.0U	1.3U	1.0U	1.0U	1.0U
1,3-DICHLOROBENZENE	3(S)	µg/L	NA	1.0U	0.51U	NA	NA	NA
1,3-DICHLOROPROPANE	NC	µg/L	NA	5.0U	NA	NA	NA	NA
1,4-DICHLOROBENZENE	3(S)	µg/L	1.0U	1.0U	5U	1.0U	1.0U	1.0U
1,4-DIOXANE	NC	µg/L	NA	NA	NA	NA	NA	NA
2,2-DICHLOROPROPANE	NC	µg/L	NA	5.0U	NA	NA	NA	NA
2-BUTANONE	50(G)	µg/L	10U	10U	1.1UJ	10U	10U	10U
2-HEXANONE	50(G)	µg/L	5.0U	5.0U	0.57UJ	5.0U	5.0U	5.0U
2-PROPENENITRILE, 2-METHYL-	NC	µg/L	NA	10U	NA	NA	NA	NA
4-METHYL-2-PENTANONE	NC	µg/L	5.0U	5.0U	0.59UJ	5.0U	5.0U	5.0U
ACETONE	50(S)	µg/L	10U	10UJ	5.0UJ	10U	10UJ	10U
ACETONITRILE	NC	µg/L	50U	100U	NA	50U	50U	50U
ACETOPHENONE	NC	µg/L	NA	NA	NA	NA	NA	NA
ACROLEIN	NC	µg/L	NA	50U	NA	NA	NA	NA
ACRYLONITRILE	NC	µg/L	NA	50U	6.8UJ	NA	NA	NA
ALLYL CHLORIDE	NC	µg/L	NA	5.0U	NA	NA	NA	NA
BENZENE	1(S)	µg/L	1.0U	1.0U	0.99U	1.0U	1.0U	1.0U
BROMOCHLOROMETHANE	NC	µg/L	5.0U	5.0UJ	NA	5.0U	5.0U	5.0U
BROMODICHLOROMETHANE	50(G)	µg/L	1.0U	1.0U	0.93U	1.0U	1.0U	1.0U
BROMOFORM	50(G)	µg/L	4.0U	4.0U	1.1U	4.0U	4.0U	4.0U
BROMOMETHANE	5(S)	µg/L	2.0U	2.0U	1.6U	2.0U	2.0U	2.0U
CARBON DISULFIDE	60(G)	µg/L	2.0U	2.0U	1.1U	2.0U	2.0U	2.0U
CARBON TETRACHLORIDE	5(S)	µg/L	1.0U	1.0U	1.1U	1.0U	1.0U	1.0U
CHLOROBENZENE	5(S)	µg/L	1.0U	1.0U	0.53U	1.0U	1.0U	1.0U
CHLORODIBROMOMETHANE	50(G)	µg/L	1.0U	1.0U	0.65U	1.0U	1.0U	1.0U

Notes:

U - Non detect; J - estimated value; R - rejected value;

EMPC - estimated maximum possible concentration; K - congener estimated maximum possible concentration.

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Table 4
Honeywell
SCA Hydrogeologic Investigation
Shallow Monitoring Wells
Method 8260/8015 Volatile Organic Compound Data

Parameter Name	New York State Class GA Standards	Field Sample ID	SCA-0052-01	SCA-0016-02	SCA-0029-05	SCA-0037-02	SCA-0048-02	SCA-0053-05
		Location	SB915-MW-94S	SB915-MW-95S	SB915-MW-95S	SB915-MW-95S	SB915-MW-95S	SB915-MW-95S
		Sample Date	7/11/2012	9/21/2011	12/8/2011	3/14/2012	5/11/2012	7/12/2012
		Sample Depth	20-30 FT	26-36 FT	26-36 FT	26-36 FT	26-36 FT	26-36 FT
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Units						
CHLOROETHANE	5(S)	µg/L	1.0U	1.0U	0.75U	1.0U	1.0U	1.0U
CHLOROFORM	7(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
CHLOROMETHANE	5(S)	µg/L	1.0U	1.0U	1.4U	1.0U	1.0U	1.0UJ
CHLOROPRENE	NC	µg/L	NA	5.0U	NA	NA	NA	NA
CIS-1,2-DICHLOROETHENE	5(G)	µg/L	1.0U	1.0U	0.67U	1.0U	1.0U	1.0U
CIS-1,3-DICHLOROPROPENE	0.4(S)	µg/L	1.0U	1.0U	0.73U	1.0U	1.0U	1.0U
CYCLOHEXANE	NC	µg/L	NA	NA	0.60U	NA	NA	NA
DIBROMOMETHANE	NC	µg/L	5.0U	5.0U	NA	5.0U	5.0U	5.0U
DICHLORODIFLUOROMETHANE	5(S)	µg/L	NA	5.0U	0.64U	NA	NA	NA
ETHANE, PENTACHLORO-	NC	µg/L	NA	NA	NA	NA	NA	NA
ETHYL CYANIDE	NC	µg/L	NA	100U	NA	NA	NA	NA
ETHYL METHACRYLATE	NC	µg/L	NA	10U	NA	NA	NA	NA
ETHYLBENZENE	5(S)	µg/L	1.0U	1.0U	0.62U	1.0U	1.0U	1.0U
IODOMETHANE	NC	µg/L	NA	25U	NA	NA	NA	NA
ISOBUTANOL	NC	µg/L	NA	NA	NA	NA	NA	NA
ISOPROPANOL	NC	µg/L	NA	100U	NA	NA	NA	NA
ISOPROPYLBENZENE	5(G)	µg/L	NA	NA	0.53U	NA	NA	NA
METHYL ACETATE	NC	µg/L	NA	NA	1.2UJ	NA	NA	NA
METHYL METHACRYLATE	NC	µg/L	NA	10U	NA	NA	NA	NA
METHYL TERT-BUTYL ETHER	10(G)	µg/L	NA	NA	1.0U	NA	NA	NA
METHYLCYCLOHEXANE	NC	µg/L	NA	NA	0.56U	NA	NA	NA
METHYLENE CHLORIDE	5(S)	µg/L	2.0U	2.0U	1.1U	2.0U	2.0U	2.0U
O-XYLENE	5(S)	µg/L	NA	1.0U	0.73U	NA	NA	NA
STYRENE	5(S)	µg/L	5.0U	5.0U	0.64U	5.0U	5.0U	5.0U
TETRACHLOROETHENE	5(S)	µg/L	1.0U	1.0U	0.82U	1.0U	1.0U	1.0U
TOLUENE	5(S)	µg/L	1.0U	1.0U	0.85U	1.0U	1.0U	1.0U
TRANS-1,2-DICHLOROETHENE	5(G)	µg/L	1.0U	1.0U	0.75U	1.0U	1.0U	1.0U
TRANS-1,3-DICHLOROPROPENE	0.4(S)	µg/L	1.0U	1.0U	0.58U	1.0U	1.0U	1.0U
TRANS-1,4-DICHLORO-2-BUTENE	NC	µg/L	5.0U	5.0U	0.81U	5.0U	5.0U	5.0U
TRICHLOROETHENE	5(S)	µg/L	1.0U	1.0U	0.80U	1.0U	1.0U	1.0U
TRICHLOROFLUOROMETHANE	5(S)	µg/L	5.0U	5.0U	1.1U	5.0U	5.0U	5.0U
VINYL ACETATE	NC	µg/L	10U	10U	0.86U	10U	10U	10U
VINYL CHLORIDE	2(S)	µg/L	1.0U	1.0U	1.3U	1.0U	1.0U	1.0U
XYLENES, M & P	5(S)	µg/L	NA	1.0U	1.3U	NA	NA	NA
XYLENES, TOTAL	5(S)	µg/L	1.0U	1.0U	2.0U	1.0U	1.0U	1.0U

Notes:

U - Non detect; J - estimated value; R - rejected value;

EMPC - estimated maximum possible concentration; K - congener estimated maximum possible concentration.

NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 4
Honeywell
SCA Hydrogeologic Investigation
Shallow Monitoring Wells
Method 8260/8015 Volatile Organic Compound Data

Field Sample ID	SCA-0016-03	SCA-0031-06	SCA-0037-03	SCA-0048-03	SCA-0057-09	SCA-0016-04	
Location	SB915-MW-96S	SB915-MW-96S	SB915-MW-96S	SB915-MW-96S	SB915-MW-96S	SB915-MW-97S	
Sample Date	9/21/2011	12/12/2011	3/14/2012	5/11/2012	7/18/2012	9/21/2011	
Sample Depth	26-36 FT	26-36 FT	26-36 FT	26-36 FT	26-36 FT	25-35 FT	
Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	
Parameter Name	New York State Class GA Standards	Units	Regular sample	Regular sample	Regular sample	Regular sample	
1,1,1,2-TETRACHLOROETHANE	NC	µg/L	5.0U	0.68U	5.0U	5.0U	5.0U
1,1,1-TRICHLOROETHANE	5(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U
1,1,2,2-TETRACHLOROETHANE	5(S)	µg/L	1.0U	0.93U	1.0U	1.0U	1.0U
1,1,2-TRICHLOROETHANE	1(S)	µg/L	1.0U	1.2U	1.0U	1.0U	1.0U
1,1,2-TRICHLOROTRIFLUOROETHANE	NC	µg/L	NA	0.33U	NA	NA	NA
1,1-DICHLOROETHANE	5(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U
1,1-DICHLOROETHENE	5(S)	µg/L	1.0U	1.1U	1.0U	1.0U	1.0U
1,1-DICHLOROPROPENE	NC	µg/L	5.0U	NA	NA	NA	5.0U
1,2,3-TRICHLOROPROPANE	NC	µg/L	5.0U	1.6UJ	5.0U	5.0U	5.0U
1,2,4-TRICHLOROENZENE	5(S)	µg/L	5.0U	0.38UJ	NA	NA	5.0U
1,2-DIBROMO-3-CHLOROPROPANE	NC	µg/L	10U	0.35UJ	10U	10U	10U
1,2-DIBROMOETHANE	5(S)	µg/L	2.0U	0.61U	2.0U	2.0U	2.0U
1,2-DICHLOROBENZENE	3(S)	µg/L	1.0U	0.68U	1.0U	1.0U	1.0U
1,2-DICHLOROETHANE	0.6(S)	µg/L	1.0U	0.96U	1.0U	1.0U	1.0U
1,2-DICHLOROETHENE (TOTAL)	5(S)	µg/L	NA	NA	NA	NA	NA
1,2-DICHLOROPROPANE	1(S)	µg/L	1.0U	1.3U	1.0U	1.0U	1.0U
1,3-DICHLOROBENZENE	3(S)	µg/L	1.0U	0.51U	NA	NA	1.0U
1,3-DICHLOROPROPANE	NC	µg/L	5.0U	NA	NA	NA	5.0U
1,4-DICHLOROBENZENE	3(S)	µg/L	1.0U	0.53U	1.0U	1.0U	0.54J
1,4-DIOXANE	NC	µg/L	NA	NA	NA	NA	NA
2,2-DICHLOROPROPANE	NC	µg/L	5.0U	NA	NA	NA	5.0U
2-BUTANONE	50(G)	µg/L	10U	1.1UJ	10U	10U	10U
2-HEXANONE	50(G)	µg/L	5.0U	0.57UJ	5.0U	5.0U	5.0U
2-PROPENENITRILE, 2-METHYL-	NC	µg/L	10U	NA	NA	NA	10U
4-METHYL-2-PENTANONE	NC	µg/L	5.0U	0.59U	5.0U	5.0U	5.0U
ACETONE	50(S)	µg/L	10UJ	5.0UJ	10U	10UJ	10UJ
ACETONITRILE	NC	µg/L	100U	NA	50U	50U	100U
ACETOPHENONE	NC	µg/L	NA	NA	NA	NA	NA
ACROLEIN	NC	µg/L	50U	NA	NA	NA	50U
ACRYLONITRILE	NC	µg/L	50U	6.8U	NA	NA	50U
ALLYL CHLORIDE	NC	µg/L	5.0U	NA	NA	NA	5.0U
BENZENE	1(S)	µg/L	1.0U	0.99U	1.0U	1.0U	1.0U
BROMOCHLOROMETHANE	NC	µg/L	5.0UJ	NA	5.0U	5.0U	5.0UJ
BROMODICHLOROMETHANE	50(G)	µg/L	1.0U	0.93U	1.0U	1.0U	1.0U
BROMOFORM	50(G)	µg/L	4.0U	1.1U	4.0U	4.0U	4.0U
BROMOMETHANE	5(S)	µg/L	2.0U	1.6U	2.0U	2.0U	2.0U
CARBON DISULFIDE	60(G)	µg/L	2.0U	1.1UJ	2.0U	2.0U	2.0U
CARBON TETRACHLORIDE	5(S)	µg/L	1.0U	1.1U	1.0U	1.0U	1.0U
CHLOROBENZENE	5(S)	µg/L	1.0U	0.53U	1.0U	1.0U	1.0U
CHLORODIBROMOMETHANE	50(G)	µg/L	1.0U	0.65U	1.0U	1.0U	1.0U

Notes:

U - Non detect; J - estimated value; R - rejected value;

EMPC - estimated maximum possible concentration; K - congener estimated maximum possible concentration.

NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 4
Honeywell
SCA Hydrogeologic Investigation
Shallow Monitoring Wells
Method 8260/8015 Volatile Organic Compound Data

Parameter Name	New York State Class GA Standards	Field Sample ID	SCA-0016-03	SCA-0031-06	SCA-0037-03	SCA-0048-03	SCA-0057-09	SCA-0016-04
		Location	SB915-MW-96S	SB915-MW-96S	SB915-MW-96S	SB915-MW-96S	SB915-MW-96S	SB915-MW-97S
		Sample Date	9/21/2011	12/12/2011	3/14/2012	5/11/2012	7/18/2012	9/21/2011
		Sample Depth	26-36 FT	26-36 FT	26-36 FT	26-36 FT	26-36 FT	25-35 FT
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
	Units							
CHLOROETHANE	5(S)	µg/L	1.0U	0.75UJ	1.0U	1.0U	1.0U	1.0U
CHLOROFORM	7(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
CHLOROMETHANE	5(S)	µg/L	1.0U	1.4U	1.0U	1.0U	1.0U	1.0U
CHLOROPRENE	NC	µg/L	5.0U	NA	NA	NA	NA	5.0U
CIS-1,2-DICHLOROETHENE	5(G)	µg/L	1.0U	0.67U	1.0U	1.0U	1.0U	1.0U
CIS-1,3-DICHLOROPROPENE	0.4(S)	µg/L	1.0U	0.73U	1.0U	1.0U	1.0U	1.0U
CYCLOHEXANE	NC	µg/L	NA	0.60U	NA	NA	NA	NA
DIBROMOMETHANE	NC	µg/L	5.0U	NA	5.0U	5.0U	5.0U	5.0U
DICHLORODIFLUOROMETHANE	5(S)	µg/L	5.0U	0.64U	NA	NA	NA	5.0U
ETHANE, PENTACHLORO-	NC	µg/L	NA	NA	NA	NA	NA	NA
ETHYL CYANIDE	NC	µg/L	100U	NA	NA	NA	NA	100U
ETHYL METHACRYLATE	NC	µg/L	10U	NA	NA	NA	NA	10U
ETHYLBENZENE	5(S)	µg/L	1.0U	0.62U	1.0U	1.0U	1.0U	1.0U
IODOMETHANE	NC	µg/L	25U	NA	NA	NA	NA	25U
ISOBUTANOL	NC	µg/L	NA	NA	NA	NA	NA	NA
ISOPROPANOL	NC	µg/L	100U	NA	NA	NA	NA	100U
ISOPROPYLBENZENE	5(G)	µg/L	NA	0.53U	NA	NA	NA	NA
METHYL ACETATE	NC	µg/L	NA	1.2UJ	NA	NA	NA	NA
METHYL METHACRYLATE	NC	µg/L	10U	NA	NA	NA	NA	10U
METHYL TERT-BUTYL ETHER	10(G)	µg/L	NA	1.0U	NA	NA	NA	NA
METHYLCYCLOHEXANE	NC	µg/L	NA	0.56U	NA	NA	NA	NA
METHYLENE CHLORIDE	5(S)	µg/L	2.0U	1.1U	2.0U	2.0U	2.0U	2.0U
O-XYLENE	5(S)	µg/L	1.0U	0.73U	NA	NA	NA	1.0U
STYRENE	5(S)	µg/L	5.0U	0.64U	5.0U	5.0U	5.0U	5.0U
TETRACHLOROETHENE	5(S)	µg/L	1.0U	0.82U	1.0U	1.0U	1.0U	1.0U
TOLUENE	5(S)	µg/L	1.0U	0.85U	1.0U	1.0U	1.0U	1.0U
TRANS-1,2-DICHLOROETHENE	5(G)	µg/L	1.0U	0.75U	1.0U	1.0U	1.0U	1.0U
TRANS-1,3-DICHLOROPROPENE	0.4(S)	µg/L	1.0U	0.58U	1.0U	1.0U	1.0U	1.0U
TRANS-1,4-DICHLORO-2-BUTENE	NC	µg/L	5.0U	0.81U	5.0U	5.0U	5.0U	5.0U
TRICHLOROETHENE	5(S)	µg/L	1.0U	0.80U	1.0U	1.0U	1.0U	1.0U
TRICHLOROFLUOROMETHANE	5(S)	µg/L	5.0U	1.1UJ	5.0U	5.0U	5.0U	5.0U
VINYL ACETATE	NC	µg/L	10U	0.86U	10U	10U	10U	10U
VINYL CHLORIDE	2(S)	µg/L	1.0U	1.3U	1.0U	1.0U	1.0U	1.0U
XYLENES, M & P	5(S)	µg/L	1.0U	1.3U	NA	NA	NA	1.0U
XYLENES, TOTAL	5(S)	µg/L	1.0U	2.0U	1.0U	1.0U	1.0U	1.0U

Notes:

U - Non detect; J - estimated value; R - rejected value;

EMPC - estimated maximum possible concentration; K - congener estimated maximum possible concentration.

NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 4
Honeywell
SCA Hydrogeologic Investigation
Shallow Monitoring Wells
Method 8260/8015 Volatile Organic Compound Data

Parameter Name	New York State Class GA Standards	Field Sample ID Location Sample Date Sample Depth Sample Purpose Units	SCA-0032-05 SB915-MW-97S 12/13/2011 25-35 FT Regular sample Regular sample	SCA-0037-04 SB915-MW-97S 3/14/2012 25-35 FT Regular sample Regular sample	SCA-0048-04 SB915-MW-97S 5/11/2012 25-35 FT Regular sample Regular sample	SCA-0055-03 SB915-MW-97S 7/14/2012 25-35 FT Regular sample Regular sample	SCA-0016-05 SB915-MW-98S 9/21/2011 24-34 FT Regular sample Regular sample	SCA-0032-06 SB915-MW-98S 12/13/2011 24-34 FT Regular sample Regular sample
1,1,1,2-TETRACHLOROETHANE	NC	µg/L	0.68U	5.0U	5.0U	5.0U	5.0U	0.68U
1,1,1-TRICHLOROETHANE	5(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
1,1,2,2-TETRACHLOROETHANE	5(S)	µg/L	0.93U	1.0U	1.0U	1.0U	1.0U	0.93U
1,1,2-TRICHLOROETHANE	1(S)	µg/L	1.2U	1.0U	1.0U	1.0U	1.0U	1.2U
1,1,2-TRICHLOROTRIFLUOROETHANE	NC	µg/L	0.33U	NA	NA	NA	NA	0.33U
1,1-DICHLOROETHANE	5(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
1,1-DICHLOROETHENE	5(S)	µg/L	1.1U	1.0U	1.0U	1.0U	1.0U	1.1U
1,1-DICHLOROPROPENE	NC	µg/L	NA	NA	NA	NA	5.0U	NA
1,2,3-TRICHLOROPROPANE	NC	µg/L	1.6UJ	5.0U	5.0U	5.0U	5.0U	1.6UJ
1,2,4-TRICHLOROENZENE	5(S)	µg/L	0.38UJ	NA	NA	NA	5.0U	0.38UJ
1,2-DIBROMO-3-CHLOROPROPANE	NC	µg/L	0.35UJ	10U	10U	10U	10U	0.35UJ
1,2-DIBROMOETHANE	5(S)	µg/L	0.61U	2.0U	2.0U	2.0U	2.0U	0.61U
1,2-DICHLOROBENZENE	3(S)	µg/L	0.68U	1.0U	1.0U	1.0U	1.0U	0.68U
1,2-DICHLOROETHANE	0.6(S)	µg/L	0.96U	1.0U	1.0U	1.0U	1.0U	0.96U
1,2-DICHLOROETHENE (TOTAL)	5(S)	µg/L	NA	NA	NA	NA	NA	NA
1,2-DICHLOROPROPANE	1(S)	µg/L	1.3U	1.0U	1.0U	1.0U	1.0U	1.3U
1,3-DICHLOROBENZENE	3(S)	µg/L	0.51U	NA	NA	NA	1.0U	0.51U
1,3-DICHLOROPROPANE	NC	µg/L	NA	NA	NA	NA	5.0U	NA
1,4-DICHLOROBENZENE	3(S)	µg/L	0.53U	1.0U	1.0U	1.0U	0.27J	0.53U
1,4-DIOXANE	NC	µg/L	NA	NA	NA	NA	NA	NA
2,2-DICHLOROPROPANE	NC	µg/L	NA	NA	NA	NA	5.0U	NA
2-BUTANONE	50(G)	µg/L	1.1UJ	10U	10U	10U	10U	1.1U
2-HEXANONE	50(G)	µg/L	0.57UJ	5.0U	5.0U	5.0U	5.0U	0.57UJ
2-PROPENENITRILE, 2-METHYL-	NC	µg/L	NA	NA	NA	NA	10U	NA
4-METHYL-2-PENTANONE	NC	µg/L	0.59U	5.0U	5.0U	5.0U	5.0U	0.59UJ
ACETONE	50(S)	µg/L	5.0UJ	10U	10UJ	10UJ	10UJ	5.0UJ
ACETONITRILE	NC	µg/L	NA	50U	50U	50U	100U	NA
ACETOPHENONE	NC	µg/L	NA	NA	NA	NA	NA	NA
ACROLEIN	NC	µg/L	NA	NA	NA	NA	50U	NA
ACRYLONITRILE	NC	µg/L	6.8U	NA	NA	NA	50U	6.8U
ALLYL CHLORIDE	NC	µg/L	NA	NA	NA	NA	5.0U	NA
BENZENE	1(S)	µg/L	0.99U	1.0U	1.0U	1.0U	1.0U	0.99U
BROMOCHLOROMETHANE	NC	µg/L	NA	5.0U	5.0U	5.0U	5.0UJ	NA
BROMODICHLOROMETHANE	50(G)	µg/L	0.93U	1.0U	1.0U	1.0U	1.0U	0.93U
BROMOFORM	50(G)	µg/L	1.1U	4.0U	4.0U	4.0U	4.0U	1.1U
BROMOMETHANE	5(S)	µg/L	1.6U	2.0U	2.0U	2.0U	2.0U	1.6U
CARBON DISULFIDE	60(G)	µg/L	1.1UJ	2.0U	2.0U	2.0U	2.0U	1.1UJ
CARBON TETRACHLORIDE	5(S)	µg/L	1.1U	1.0U	1.0U	1.0U	1.0U	1.1U
CHLOROBENZENE	5(S)	µg/L	0.53U	1.0U	1.0U	1.0U	1.0U	0.53U
CHLORODIBROMOMETHANE	50(G)	µg/L	0.65U	1.0U	1.0U	1.0U	1.0U	0.65U

Notes:

U - Non detect; J - estimated value; R - rejected value;

EMPC - estimated maximum possible concentration; K - congener estimated maximum possible concentration.

NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 4
Honeywell
SCA Hydrogeologic Investigation
Shallow Monitoring Wells
Method 8260/8015 Volatile Organic Compound Data

Parameter Name	New York State Class GA Standards	Field Sample ID	SCA-0032-05	SCA-0037-04	SCA-0048-04	SCA-0055-03	SCA-0016-05	SCA-0032-06
		Location	SB915-MW-97S	SB915-MW-97S	SB915-MW-97S	SB915-MW-97S	SB915-MW-98S	SB915-MW-98S
		Sample Date	12/13/2011	3/14/2012	5/11/2012	7/14/2012	9/21/2011	12/13/2011
		Sample Depth	25-35 FT	25-35 FT	25-35 FT	25-35 FT	24-34 FT	24-34 FT
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Units						
CHLOROETHANE	5(S)	µg/L	0.75UJ	1.0U	1.0U	1.0U	1.0U	0.75UJ
CHLOROFORM	7(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
CHLOROMETHANE	5(S)	µg/L	1.4U	1.0U	1.0U	1.0U	1.0U	1.4U
CHLOROPRENE	NC	µg/L	NA	NA	NA	NA	5.0U	NA
CIS-1,2-DICHLOROETHENE	5(G)	µg/L	0.67U	1.0U	1.0U	1.0U	1.0U	0.67U
CIS-1,3-DICHLOROPROPENE	0.4(S)	µg/L	0.73U	1.0U	1.0U	1.0U	1.0U	0.73U
CYCLOHEXANE	NC	µg/L	0.60U	NA	NA	NA	NA	0.60U
DIBROMOMETHANE	NC	µg/L	NA	5.0U	5.0U	5.0U	5.0U	NA
DICHLORODIFLUOROMETHANE	5(S)	µg/L	0.64U	NA	NA	NA	5.0U	0.64U
ETHANE, PENTACHLORO-	NC	µg/L	NA	NA	NA	NA	NA	NA
ETHYL CYANIDE	NC	µg/L	NA	NA	NA	NA	100U	NA
ETHYL METHACRYLATE	NC	µg/L	NA	NA	NA	NA	10U	NA
ETHYLBENZENE	5(S)	µg/L	0.62U	1.0U	1.0U	1.0U	1.0U	0.62U
IODOMETHANE	NC	µg/L	NA	NA	NA	NA	25U	NA
ISOBUTANOL	NC	µg/L	NA	NA	NA	NA	NA	NA
ISOPROPANOL	NC	µg/L	NA	NA	NA	NA	100U	NA
ISOPROPYLBENZENE	5(G)	µg/L	0.53U	NA	NA	NA	NA	0.53U
METHYL ACETATE	NC	µg/L	1.2UJ	NA	NA	NA	NA	1.2UJ
METHYL METHACRYLATE	NC	µg/L	NA	NA	NA	NA	10U	NA
METHYL TERT-BUTYL ETHER	10(G)	µg/L	1.0U	NA	NA	NA	NA	1.0U
METHYLCYCLOHEXANE	NC	µg/L	0.56U	NA	NA	NA	NA	0.56U
METHYLENE CHLORIDE	5(S)	µg/L	1.1U	2.0U	2.0U	2.0U	2.0U	1.1U
O-XYLENE	5(S)	µg/L	0.73U	NA	NA	NA	1.0U	0.73U
STYRENE	5(S)	µg/L	0.64U	5.0U	5.0U	5.0U	5.0U	0.64U
TETRACHLOROETHENE	5(S)	µg/L	0.82U	1.0U	1.0U	1.0U	1.0U	0.82U
TOLUENE	5(S)	µg/L	0.85U	1.0U	1.0U	1.0U	1.0U	0.85U
TRANS-1,2-DICHLOROETHENE	5(G)	µg/L	0.75U	1.0U	1.0U	1.0U	1.0U	0.75U
TRANS-1,3-DICHLOROPROPENE	0.4(S)	µg/L	0.58U	1.0U	1.0U	1.0U	1.0U	0.58U
TRANS-1,4-DICHLORO-2-BUTENE	NC	µg/L	0.81U	5.0U	5.0U	5.0U	5.0U	0.81U
TRICHLOROETHENE	5(S)	µg/L	0.80U	1.0U	1.0U	1.0U	1.0U	0.80U
TRICHLOROFLUOROMETHANE	5(S)	µg/L	1.1UJ	5.0U	5.0U	5.0U	5.0U	1.1UJ
VINYL ACETATE	NC	µg/L	0.86U	10U	10U	10U	10U	0.86U
VINYL CHLORIDE	2(S)	µg/L	1.3U	1.0U	1.0U	1.0U	1.0U	1.3U
XYLENES, M & P	5(S)	µg/L	1.3U	NA	NA	NA	1.0U	1.3U
XYLENES, TOTAL	5(S)	µg/L	2.0U	1.0U	1.0U	1.0U	1.0U	2.0U

Notes:

U - Non detect; J - estimated value; R - rejected value;

EMPC - estimated maximum possible concentration; K - congener estimated maximum possible concentration.

NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 4
Honeywell
SCA Hydrogeologic Investigation
Shallow Monitoring Wells
Method 8260/8015 Volatile Organic Compound Data

Parameter Name	New York State Class GA Standards	Field Sample ID	SCA-0037-07	SCA-0046-05	SCA-0055-02	SCA-0019-03	SCA-0034-03	SCA-0038-01
		Location	SB915-MW-98S	SB915-MW-98S	SB915-MW-98S	SB915-MW-99S	SB915-MW-99S	SB915-MW-99S
		Sample Date	3/14/2012	5/9/2012	7/14/2012	9/22/2011	12/15/2011	3/15/2012
		Sample Depth	24-34 FT	24-34 FT	24-34 FT	22-32 FT	22-32 FT	22-32 FT
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Units						
1,1,1,2-TETRACHLOROETHANE	NC	µg/L	5.0U	5.0U	5.0U	5.0U	0.68U	5.0U
1,1,1-TRICHLOROETHANE	5(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
1,1,2,2-TETRACHLOROETHANE	5(S)	µg/L	1.0U	1.0U	1.0U	1.0U	0.93UJ	1.0U
1,1,2-TRICHLOROETHANE	1(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.2UJ	1.0U
1,1,2-TRICHLOROTRIFLUOROETHANE	NC	µg/L	NA	NA	NA	NA	0.33U	NA
1,1-DICHLOROETHANE	5(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
1,1-DICHLOROETHENE	5(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.1U	1.0U
1,1-DICHLOROPROPENE	NC	µg/L	NA	NA	NA	5.0U	NA	NA
1,2,3-TRICHLOROPROPANE	NC	µg/L	5.0U	5.0U	5.0U	5.0U	1.6UJ	5.0U
1,2,4-TRICHLOROENZENE	5(S)	µg/L	NA	NA	NA	5.0U	0.38UJ	NA
1,2-DIBROMO-3-CHLOROPROPANE	NC	µg/L	10U	10U	10U	10U	0.35UJ	10U
1,2-DIBROMOETHANE	5(S)	µg/L	2.0U	2.0U	2.0U	2.0U	0.61UJ	2.0U
1,2-DICHLOROBENZENE	3(S)	µg/L	1.0U	1.0U	1.0U	[19.1]	[14]	[19.7]
1,2-DICHLOROETHANE	0.6(S)	µg/L	1.0U	1.0U	1.0U	1.0U	0.96U	1.0U
1,2-DICHLOROETHENE (TOTAL)	5(S)	µg/L	NA	NA	NA	NA	NA	NA
1,2-DICHLOROPROPANE	1(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.3U	1.0U
1,3-DICHLOROBENZENE	3(S)	µg/L	NA	NA	NA	1.9	0.51U	NA
1,3-DICHLOROPROPANE	NC	µg/L	NA	NA	NA	5.0U	NA	NA
1,4-DICHLOROBENZENE	3(S)	µg/L	0.28J	1.0U	1.0U	[89.0]	[76]	[95.7]
1,4-DIOXANE	NC	µg/L	NA	NA	NA	NA	NA	NA
2,2-DICHLOROPROPANE	NC	µg/L	NA	NA	NA	5.0U	NA	NA
2-BUTANONE	50(G)	µg/L	10U	10U	10U	10U	1.1UJ	10U
2-HEXANONE	50(G)	µg/L	5.0U	5.0U	5.0U	5.0U	0.57U	5.0U
2-PROPENENITRILE, 2-METHYL-	NC	µg/L	NA	NA	NA	10U	NA	NA
4-METHYL-2-PENTANONE	NC	µg/L	5.0U	5.0U	5.0U	5.0U	0.59U	5.0U
ACETONE	50(S)	µg/L	10U	10U	10UJ	10U	5.0UJ	10U
ACETONITRILE	NC	µg/L	50U	50U	50U	100U	NA	50U
ACETOPHENONE	NC	µg/L	NA	NA	NA	NA	NA	NA
ACROLEIN	NC	µg/L	NA	NA	NA	50U	NA	NA
ACRYLONITRILE	NC	µg/L	NA	NA	NA	50U	6.8U	NA
ALLYL CHLORIDE	NC	µg/L	NA	NA	NA	5.0U	NA	NA
BENZENE	1(S)	µg/L	1.0U	1.0U	1.0U	[3.7]	[2.8J]	[4.0]
BROMOCHLOROMETHANE	NC	µg/L	5.0U	5.0U	5.0U	5.0U	NA	5.0U
BROMODICHLOROMETHANE	50(G)	µg/L	1.0U	1.0U	1.0U	1.0U	0.93U	1.0U
BROMOFORM	50(G)	µg/L	4.0U	4.0U	4.0U	4.0U	1.1UJ	4.0U
BROMOMETHANE	5(S)	µg/L	2.0U	2.0UJ	2.0U	2.0U	1.6U	2.0UJ
CARBON DISULFIDE	60(G)	µg/L	2.0U	2.0U	2.0U	2.0U	1.1U	2.0UJ
CARBON TETRACHLORIDE	5(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.1U	1.0U
CHLOROBENZENE	5(S)	µg/L	1.0U	1.0U	1.0U	[121]	[100]	[136]
CHLORODIBROMOMETHANE	50(G)	µg/L	1.0U	1.0U	1.0U	1.0U	0.65UJ	1.0U

Notes:

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EMPC - estimated maximum possible concentration; K - congener estimated maximum possible concentration.

NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 4
Honeywell
SCA Hydrogeologic Investigation
Shallow Monitoring Wells
Method 8260/8015 Volatile Organic Compound Data

Parameter Name	New York State Class GA Standards	Field Sample ID	SCA-0037-07	SCA-0046-05	SCA-0055-02	SCA-0019-03	SCA-0034-03	SCA-0038-01
		Location	SB915-MW-98S	SB915-MW-98S	SB915-MW-98S	SB915-MW-99S	SB915-MW-99S	SB915-MW-99S
		Sample Date	3/14/2012	5/9/2012	7/14/2012	9/22/2011	12/15/2011	3/15/2012
		Sample Depth	24-34 FT	24-34 FT	24-34 FT	22-32 FT	22-32 FT	22-32 FT
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Units						
CHLOROETHANE	5(S)	µg/L	1.0U	1.0UJ	1.0U	1.0U	0.75U	1.0U
CHLOROFORM	7(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
CHLOROMETHANE	5(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.4U	1.0U
CHLOROPRENE	NC	µg/L	NA	NA	NA	5.0U	NA	NA
CIS-1,2-DICHLOROETHENE	5(G)	µg/L	1.0U	1.0U	1.0U	0.53J	0.67U	0.24J
CIS-1,3-DICHLOROPROPENE	0.4(S)	µg/L	1.0U	1.0U	1.0U	1.0U	0.73U	1.0U
CYCLOHEXANE	NC	µg/L	NA	NA	NA	NA	0.60U	NA
DIBROMOMETHANE	NC	µg/L	5.0U	5.0U	5.0U	5.0U	NA	5.0U
DICHLORODIFLUOROMETHANE	5(S)	µg/L	NA	NA	NA	5.0U	0.64U	NA
ETHANE, PENTACHLORO-	NC	µg/L	NA	NA	NA	NA	NA	NA
ETHYL CYANIDE	NC	µg/L	NA	NA	NA	100U	NA	NA
ETHYL METHACRYLATE	NC	µg/L	NA	NA	NA	10U	NA	NA
ETHYLBENZENE	5(S)	µg/L	1.0U	1.0U	1.0U	1.0U	0.62U	1.0U
IODOMETHANE	NC	µg/L	NA	NA	NA	25U	NA	NA
ISOBUTANOL	NC	µg/L	NA	NA	NA	NA	NA	NA
ISOPROPANOL	NC	µg/L	NA	NA	NA	100U	NA	NA
ISOPROPYLBENZENE	5(G)	µg/L	NA	NA	NA	NA	0.53U	NA
METHYL ACETATE	NC	µg/L	NA	NA	NA	NA	1.2UJ	NA
METHYL METHACRYLATE	NC	µg/L	NA	NA	NA	10U	NA	NA
METHYL TERT-BUTYL ETHER	10(G)	µg/L	NA	NA	NA	NA	1.0U	NA
METHYLCYCLOHEXANE	NC	µg/L	NA	NA	NA	NA	0.56U	NA
METHYLENE CHLORIDE	5(S)	µg/L	2.0U	2.0U	2.0U	2.0U	1.1U	2.0U
O-XYLENE	5(S)	µg/L	NA	NA	NA	1.0U	0.73U	NA
STYRENE	5(S)	µg/L	5.0U	5.0U	5.0U	5.0U	0.64U	5.0U
TETRACHLOROETHENE	5(S)	µg/L	1.0U	1.0U	1.0U	1.0U	0.82U	1.0U
TOLUENE	5(S)	µg/L	1.0U	1.0U	1.0U	1.0U	0.85U	1.0U
TRANS-1,2-DICHLOROETHENE	5(G)	µg/L	1.0U	1.0U	1.0U	1.0U	0.75U	1.0U
TRANS-1,3-DICHLOROPROPENE	0.4(S)	µg/L	1.0U	1.0U	1.0U	1.0U	0.58U	1.0U
TRANS-1,4-DICHLORO-2-BUTENE	NC	µg/L	5.0U	5.0U	5.0U	5.0U	0.81UJ	5.0U
TRICHLOROETHENE	5(S)	µg/L	1.0U	1.0U	1.0U	1.0U	0.80U	1.0U
TRICHLOROFLUOROMETHANE	5(S)	µg/L	5.0U	5.0U	5.0U	5.0U	1.1UJ	5.0U
VINYL ACETATE	NC	µg/L	10U	10U	10U	10U	0.86U	10U
VINYL CHLORIDE	2(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.3U	1.0U
XYLENES, M & P	5(S)	µg/L	NA	NA	NA	1.0U	1.3U	NA
XYLENES, TOTAL	5(S)	µg/L	1.0U	1.0U	1.0U	1.0U	2.0U	1.0U

Notes:

U - Non detect; J - estimated value; R - rejected value;

EMPC - estimated maximum possible concentration; K - congener estimated maximum possible concentration.

NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 4
Honeywell
SCA Hydrogeologic Investigation
Shallow Monitoring Wells
Method 8260/8015 Volatile Organic Compound Data

Parameter Name	New York State Class GA Standards	Field Sample ID Location Sample Date Sample Depth Sample Purpose Units	SCA-0048-05 SB915-MW-99S 5/11/2012 22-32 FT Regular sample	SCA-0055-08 SB915-MW-99S 7/14/2012 22-32 FT Regular sample	SCA-0023-01 SB915-MW-100S 9/26/2011 22-32 FT Regular sample	SCA-0034-02 SB915-MW-100S 12/15/2011 22-32 FT Regular sample	SCA-0038-02 SB915-MW-100S 3/15/2012 22-32 FT Regular sample	SCA-0048-06 SB915-MW-100S 5/11/2012 22-32 FT Regular sample
1,1,1,2-TETRACHLOROETHANE	NC	µg/L	5.0U	5.0U	5.0U	0.68U	5.0U	5.0U
1,1,1-TRICHLOROETHANE	5(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
1,1,2,2-TETRACHLOROETHANE	5(S)	µg/L	1.0U	1.0U	1.0U	0.93UJ	1.0U	1.0U
1,1,2-TRICHLOROETHANE	1(S)	µg/L	1.0U	1.0U	1.0U	1.2UJ	1.0U	1.0U
1,1,2-TRICHLOROTRIFLUOROETHANE	NC	µg/L	NA	NA	NA	0.33U	NA	NA
1,1-DICHLOROETHANE	5(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
1,1-DICHLOROETHENE	5(S)	µg/L	1.0U	1.0U	1.0U	1.1U	1.0U	1.0U
1,1-DICHLOROPROPENE	NC	µg/L	NA	NA	5.0U	NA	NA	NA
1,2,3-TRICHLOROPROPANE	NC	µg/L	5.0U	5.0U	5.0U	1.6UJ	5.0U	5.0U
1,2,4-TRICHLOROENZENE	5(S)	µg/L	NA	NA	5.0U	0.38UJ	NA	NA
1,2-DIBROMO-3-CHLOROPROPANE	NC	µg/L	10U	10U	10U	0.35UJ	10U	10U
1,2-DIBROMOETHANE	5(S)	µg/L	2.0U	2.0U	2.0U	0.61UJ	2.0U	2.0U
1,2-DICHLOROBENZENE	3(S)	µg/L	[11.5]	[14.6]	1.9	0.68U	[8.3]	[9.0]
1,2-DICHLOROETHANE	0.6(S)	µg/L	1.0U	1.0U	1.0U	0.96U	1.0U	1.0U
1,2-DICHLOROETHENE (TOTAL)	5(S)	µg/L	NA	NA	NA	NA	NA	NA
1,2-DICHLOROPROPANE	1(S)	µg/L	1.0U	1.0U	1.0U	1.3U	1.0U	1.0U
1,3-DICHLOROBENZENE	3(S)	µg/L	NA	NA	1.2	0.51U	NA	NA
1,3-DICHLOROPROPANE	NC	µg/L	NA	NA	5.0U	NA	NA	NA
1,4-DICHLOROBENZENE	3(S)	µg/L	[55.2]	[76.4]	[39.6]	[270J]	[265]	[303]
1,4-DIOXANE	NC	µg/L	NA	NA	NA	NA	NA	NA
2,2-DICHLOROPROPANE	NC	µg/L	NA	NA	5.0U	NA	NA	NA
2-BUTANONE	50(G)	µg/L	10U	10U	10U	1.1UJ	10U	10U
2-HEXANONE	50(G)	µg/L	5.0U	5.0U	5.0U	0.57U	5.0U	5.0U
2-PROPENENITRILE, 2-METHYL-	NC	µg/L	NA	NA	10U	NA	NA	NA
4-METHYL-2-PENTANONE	NC	µg/L	5.0U	5.0U	5.0U	0.59U	5.0U	5.0U
ACETONE	50(S)	µg/L	10UJ	10UJ	10U	5.0UJ	10U	10UJ
ACETONITRILE	NC	µg/L	50U	50U	100U	NA	50U	50U
ACETOPHENONE	NC	µg/L	NA	NA	NA	NA	NA	NA
ACROLEIN	NC	µg/L	NA	NA	50U	NA	NA	NA
ACRYLONITRILE	NC	µg/L	NA	NA	50U	6.8U	NA	NA
ALLYL CHLORIDE	NC	µg/L	NA	NA	5.0U	NA	NA	NA
BENZENE	1(S)	µg/L	[1.9]	[2.3]	[2.4]	[42]	[30.5]	[41.6]
BROMOCHLOROMETHANE	NC	µg/L	5.0U	5.0U	5.0U	NA	5.0U	5.0U
BROMODICHLOROMETHANE	50(G)	µg/L	1.0U	1.0U	1.0U	0.93U	1.0U	1.0U
BROMOFORM	50(G)	µg/L	4.0U	4.0U	4.0UJ	1.1UJ	4.0U	4.0U
BROMOMETHANE	5(S)	µg/L	2.0U	2.0U	2.0U	1.6U	2.0UJ	2.0U
CARBON DISULFIDE	60(G)	µg/L	2.0U	2.0U	2.0U	1.1U	2.0UJ	2.0U
CARBON TETRACHLORIDE	5(S)	µg/L	1.0U	1.0U	1.0UJ	1.1U	1.0U	1.0U
CHLOROBENZENE	5(S)	µg/L	[90.4]	[133]	[42.0]	[400J]	[390]	[531]
CHLORODIBROMOMETHANE	50(G)	µg/L	1.0U	1.0U	1.0U	0.65UJ	1.0U	1.0U

Notes:

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EMPC - estimated maximum possible concentration; K - congener estimated maximum possible concentration.

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Table 4
Honeywell
SCA Hydrogeologic Investigation
Shallow Monitoring Wells
Method 8260/8015 Volatile Organic Compound Data

Parameter Name	New York State Class GA Standards	Field Sample ID	SCA-0048-05	SCA-0055-08	SCA-0023-01	SCA-0034-02	SCA-0038-02	SCA-0048-06
		Location	SB915-MW-99S	SB915-MW-99S	SB915-MW-100S	SB915-MW-100S	SB915-MW-100S	SB915-MW-100S
		Sample Date	5/11/2012	7/14/2012	9/26/2011	12/15/2011	3/15/2012	5/11/2012
		Sample Depth	22-32 FT	22-32 FT	22-32 FT	22-32 FT	22-32 FT	22-32 FT
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
Units								
CHLOROETHANE	5(S)	µg/L	1.0U	1.0U	1.0U	0.75U	1.0U	1.0U
CHLOROFORM	7(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
CHLOROMETHANE	5(S)	µg/L	1.0U	1.0U	1.0U	1.4U	1.0U	1.0U
CHLOROPRENE	NC	µg/L	NA	NA	5.0U	NA	NA	NA
CIS-1,2-DICHLOROETHENE	5(G)	µg/L	1.0U	1.0U	1.0U	0.67U	1.0U	1.0U
CIS-1,3-DICHLOROPROPENE	0.4(S)	µg/L	1.0U	1.0U	1.0U	0.73U	1.0U	1.0U
CYCLOHEXANE	NC	µg/L	NA	NA	NA	0.60U	NA	NA
DIBROMOMETHANE	NC	µg/L	5.0U	5.0U	5.0U	NA	5.0U	5.0U
DICHLORODIFLUOROMETHANE	5(S)	µg/L	NA	NA	5.0U	0.64U	NA	NA
ETHANE, PENTACHLORO-	NC	µg/L	NA	NA	NA	NA	NA	NA
ETHYL CYANIDE	NC	µg/L	NA	NA	100U	NA	NA	NA
ETHYL METHACRYLATE	NC	µg/L	NA	NA	10U	NA	NA	NA
ETHYLBENZENE	5(S)	µg/L	1.0U	1.0U	1.0U	0.62U	1.0U	1.0U
IODOMETHANE	NC	µg/L	NA	NA	25U	NA	NA	NA
ISOBUTANOL	NC	µg/L	NA	NA	NA	NA	NA	NA
ISOPROPANOL	NC	µg/L	NA	NA	223	NA	NA	NA
ISOPROPYLBENZENE	5(G)	µg/L	NA	NA	NA	0.53U	NA	NA
METHYL ACETATE	NC	µg/L	NA	NA	NA	1.2UJ	NA	NA
METHYL METHACRYLATE	NC	µg/L	NA	NA	10U	NA	NA	NA
METHYL TERT-BUTYL ETHER	10(G)	µg/L	NA	NA	NA	1.0U	NA	NA
METHYLCYCLOHEXANE	NC	µg/L	NA	NA	NA	0.56U	NA	NA
METHYLENE CHLORIDE	5(S)	µg/L	2.0U	2.0U	2.0U	1.1U	2.0U	2.0U
O-XYLENE	5(S)	µg/L	NA	NA	1.0U	0.73U	NA	NA
STYRENE	5(S)	µg/L	5.0U	5.0U	5.0U	0.64U	5.0U	5.0U
TETRACHLOROETHENE	5(S)	µg/L	1.0U	1.0U	1.0U	0.82U	1.0U	1.0U
TOLUENE	5(S)	µg/L	1.0U	1.0U	1.0U	0.85U	1.0U	0.29J
TRANS-1,2-DICHLOROETHENE	5(G)	µg/L	1.0U	1.0U	1.0U	0.75U	1.0U	1.0U
TRANS-1,3-DICHLOROPROPENE	0.4(S)	µg/L	1.0U	1.0U	1.0U	0.58U	1.0U	1.0U
TRANS-1,4-DICHLORO-2-BUTENE	NC	µg/L	5.0U	5.0U	5.0U	0.81UJ	5.0U	5.0U
TRICHLOROETHENE	5(S)	µg/L	1.0U	1.0U	0.37J	0.80U	1.0U	1.0U
TRICHLOROFLUOROMETHANE	5(S)	µg/L	5.0U	5.0U	5.0U	1.1UJ	5.0U	5.0U
VINYL ACETATE	NC	µg/L	10U	10U	10U	0.86U	10U	10U
VINYL CHLORIDE	2(S)	µg/L	1.0U	1.0U	1.0U	1.3U	1.0U	1.0U
XYLENES, M & P	5(S)	µg/L	NA	NA	1.0U	1.3U	NA	NA
XYLENES, TOTAL	5(S)	µg/L	1.0U	1.0U	1.0U	2.0U	1.0U	1.0U

Notes:

U - Non detect; J - estimated value; R - rejected value;

EMPC - estimated maximum possible concentration; K - congener estimated maximum possible concentration.

NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 4
Honeywell
SCA Hydrogeologic Investigation
Shallow Monitoring Wells
Method 8260/8015 Volatile Organic Compound Data

Parameter Name	New York State Class GA Standards	Field Sample ID	SCA-0055-09	SCA-0021-02	SCA-0034-01	SCA-0038-03	SCA-0047-05	SCA-0054-01
		Location	SB915-MW-100S	SB915-MW-101S	SB915-MW-101S	SB915-MW-101S	SB915-MW-101S	SB915-MW-101S
		Sample Date	7/14/2012	9/23/2011	12/15/2011	3/15/2012	5/10/2012	7/13/2012
		Sample Depth	22-32 FT	22-32 FT	22-32 FT	22-32 FT	22-32 FT	22-32 FT
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Units						
1,1,1,2-TETRACHLOROETHANE	NC	µg/L	5.0U	5.0U	0.68U	5.0U	5.0U	5.0U
1,1,1-TRICHLOROETHANE	5(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
1,1,2,2-TETRACHLOROETHANE	5(S)	µg/L	1.0U	1.0U	0.93UJ	1.0U	1.0U	1.0U
1,1,2-TRICHLOROETHANE	1(S)	µg/L	1.0U	1.0U	1.2UJ	1.0U	1.0U	1.0U
1,1,2-TRICHLOROTRIFLUOROETHANE	NC	µg/L	NA	NA	0.33U	NA	NA	NA
1,1-DICHLOROETHANE	5(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	0.28J
1,1-DICHLOROETHENE	5(S)	µg/L	1.0U	1.0U	1.1U	1.0U	1.0U	1.0U
1,1-DICHLOROPROPENE	NC	µg/L	NA	5.0U	NA	NA	NA	NA
1,2,3-TRICHLOROPROPANE	NC	µg/L	5.0U	5.0U	1.6UJ	5.0U	5.0U	5.0U
1,2,4-TRICHLOROENZENE	5(S)	µg/L	NA	0.36J	0.38UJ	NA	NA	NA
1,2-DIBROMO-3-CHLOROPROPANE	NC	µg/L	10U	10U	0.35UJ	10U	10U	10U
1,2-DIBROMOETHANE	5(S)	µg/L	2.0U	2.0U	0.61UJ	2.0U	2.0U	2.0U
1,2-DICHLOROBENZENE	3(S)	µg/L	[5.8]	[12.9]	[7.8]	[15.7]	[12.2]	[10.1]
1,2-DICHLOROETHANE	0.6(S)	µg/L	1.0U	[3.7]	[3.1]	[3.3]	[2.6]	[7.4]
1,2-DICHLOROETHENE (TOTAL)	5(S)	µg/L	NA	NA	NA	NA	NA	NA
1,2-DICHLOROPROPANE	1(S)	µg/L	1.0U	1.0U	1.3U	1.0U	1.0U	1.0U
1,3-DICHLOROBENZENE	3(S)	µg/L	NA	[7.0]	2.2J	NA	NA	NA
1,3-DICHLOROPROPANE	NC	µg/L	NA	5.0U	NA	NA	NA	NA
1,4-DICHLOROBENZENE	3(S)	µg/L	[194]	[90.1]	[38]	[79.2]	[52.6]	[58.3]
1,4-DIOXANE	NC	µg/L	NA	NA	NA	NA	NA	NA
2,2-DICHLOROPROPANE	NC	µg/L	NA	5.0U	NA	NA	NA	NA
2-BUTANONE	50(G)	µg/L	10U	10U	1.1UJ	10U	10U	10U
2-HEXANONE	50(G)	µg/L	5.0U	5.0U	0.57U	5.0U	5.0U	5.0U
2-PROPENENITRILE, 2-METHYL-	NC	µg/L	NA	10U	NA	NA	NA	NA
4-METHYL-2-PENTANONE	NC	µg/L	5.0U	5.0U	0.59U	5.0U	5.0U	5.0U
ACETONE	50(S)	µg/L	10UJ	[50.4J]	5.0UJ	38.4	14.4	10UJ
ACETONITRILE	NC	µg/L	50U	100U	NA	50U	50U	50U
ACETOPHENONE	NC	µg/L	NA	NA	NA	NA	NA	NA
ACROLEIN	NC	µg/L	NA	50U	NA	NA	NA	NA
ACRYLONITRILE	NC	µg/L	NA	50U	6.8U	NA	NA	NA
ALLYL CHLORIDE	NC	µg/L	NA	5.0U	NA	NA	NA	NA
BENZENE	1(S)	µg/L	[20.0]	[6.2]	[2.4J]	[6.5]	[5.1]	[5.2]
BROMOCHLOROMETHANE	NC	µg/L	5.0U	5.0U	NA	5.0U	5.0U	5.0U
BROMODICHLOROMETHANE	50(G)	µg/L	1.0U	1.0U	0.93U	1.0U	1.0U	1.0U
BROMOFORM	50(G)	µg/L	4.0U	4.0U	1.1UJ	4.0U	4.0U	4.0U
BROMOMETHANE	5(S)	µg/L	2.0U	2.0U	1.6U	2.0UJ	2.0U	2.0U
CARBON DISULFIDE	60(G)	µg/L	2.0U	2.0U	1.1U	2.0UJ	2.0U	2.0U
CARBON TETRACHLORIDE	5(S)	µg/L	1.0U	1.0U	1.1U	1.0U	1.0U	1.0U
CHLOROBENZENE	5(S)	µg/L	[389]	[135]	[72]	[125]	[97.6]	[119]
CHLORODIBROMOMETHANE	50(G)	µg/L	1.0U	1.0U	0.65UJ	1.0U	1.0U	1.0U

Notes:

U - Non detect; J - estimated value; R - rejected value;

EMPC - estimated maximum possible concentration; K - congener estimated maximum possible concentration.

NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 4
Honeywell
SCA Hydrogeologic Investigation
Shallow Monitoring Wells
Method 8260/8015 Volatile Organic Compound Data

Parameter Name	New York State Class GA Standards	Field Sample ID	SCA-0055-09	SCA-0021-02	SCA-0034-01	SCA-0038-03	SCA-0047-05	SCA-0054-01
		Location	SB915-MW-100S	SB915-MW-101S	SB915-MW-101S	SB915-MW-101S	SB915-MW-101S	SB915-MW-101S
		Sample Date	7/14/2012	9/23/2011	12/15/2011	3/15/2012	5/10/2012	7/13/2012
		Sample Depth	22-32 FT	22-32 FT	22-32 FT	22-32 FT	22-32 FT	22-32 FT
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Units						
CHLOROETHANE	5(S)	µg/L	1.0U	1.0U	0.75U	1.0U	1.0U	1.0U
CHLOROFORM	7(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
CHLOROMETHANE	5(S)	µg/L	1.0U	1.0U	1.4U	1.0U	1.0U	1.0U
CHLOROPRENE	NC	µg/L	NA	5.0U	NA	NA	NA	NA
CIS-1,2-DICHLOROETHENE	5(G)	µg/L	1.0U	0.97J	0.67U	1	0.83J	0.94J
CIS-1,3-DICHLOROPROPENE	0.4(S)	µg/L	1.0U	1.0U	0.73U	1.0U	1.0U	1.0U
CYCLOHEXANE	NC	µg/L	NA	NA	0.60U	NA	NA	NA
DIBROMOMETHANE	NC	µg/L	5.0U	5.0U	NA	5.0U	5.0U	5.0U
DICHLORODIFLUOROMETHANE	5(S)	µg/L	NA	5.0U	0.64U	NA	NA	NA
ETHANE, PENTACHLORO-	NC	µg/L	NA	NA	NA	NA	NA	NA
ETHYL CYANIDE	NC	µg/L	NA	100U	NA	NA	NA	NA
ETHYL METHACRYLATE	NC	µg/L	NA	10U	NA	NA	NA	NA
ETHYLBENZENE	5(S)	µg/L	1.0U	1.0U	0.62U	1.0U	1.0U	1.0U
IODOMETHANE	NC	µg/L	NA	25U	NA	NA	NA	NA
ISOBUTANOL	NC	µg/L	NA	NA	NA	NA	NA	NA
ISOPROPANOL	NC	µg/L	NA	124	NA	NA	NA	NA
ISOPROPYLBENZENE	5(G)	µg/L	NA	NA	0.53U	NA	NA	NA
METHYL ACETATE	NC	µg/L	NA	NA	1.2UJ	NA	NA	NA
METHYL METHACRYLATE	NC	µg/L	NA	10U	NA	NA	NA	NA
METHYL TERT-BUTYL ETHER	10(G)	µg/L	NA	NA	1.0U	NA	NA	NA
METHYLCYCLOHEXANE	NC	µg/L	NA	NA	0.56U	NA	NA	NA
METHYLENE CHLORIDE	5(S)	µg/L	2.0U	2.0U	1.1U	2.0U	2.0U	2.0U
O-XYLENE	5(S)	µg/L	NA	1.0U	0.73U	NA	NA	NA
STYRENE	5(S)	µg/L	5.0U	5.0U	0.64U	5.0U	5.0U	5.0U
TETRACHLOROETHENE	5(S)	µg/L	1.0U	1.0U	0.82U	1.0U	1.0U	1.0U
TOLUENE	5(S)	µg/L	1.0U	0.46J	0.85U	0.39J	0.34J	0.30J
TRANS-1,2-DICHLOROETHENE	5(G)	µg/L	1.0U	0.56J	0.75U	0.88J	0.65J	0.84J
TRANS-1,3-DICHLOROPROPENE	0.4(S)	µg/L	1.0U	1.0U	0.58U	1.0U	1.0U	1.0U
TRANS-1,4-DICHLORO-2-BUTENE	NC	µg/L	5.0U	5.0U	0.81UJ	5.0U	5.0U	5.0U
TRICHLOROETHENE	5(S)	µg/L	1.0U	1.0U	0.80U	0.29J	0.41J	0.28J
TRICHLOROFLUOROMETHANE	5(S)	µg/L	5.0U	5.0U	1.1UJ	5.0U	5.0U	5.0U
VINYL ACETATE	NC	µg/L	10U	10U	0.86U	10U	10U	10U
VINYL CHLORIDE	2(S)	µg/L	1.0U	1.0U	1.3U	0.65J	1.0U	1.4
XYLENES, M & P	5(S)	µg/L	NA	1.0U	1.3U	NA	NA	NA
XYLENES, TOTAL	5(S)	µg/L	1.0U	1.0U	2.0U	1.0U	1.0U	1.0U

Notes:

U - Non detect; J - estimated value; R - rejected value;

EMPC - estimated maximum possible concentration; K - congener estimated maximum possible concentration.

NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 4
Honeywell
SCA Hydrogeologic Investigation
Shallow Monitoring Wells
Method 8260/8015 Volatile Organic Compound Data

Parameter Name	New York State Class GA Standards	Field Sample ID	SCA-0023-02	SCA-0033-05	SCA-0038-04	SCA-0049-05	SCA-0054-02	SCA-0019-01
		Location	SB915-MW-102S	SB915-MW-102S	SB915-MW-102S	SB915-MW-102S	SB915-MW-102S	SB915-MW-103S
		Sample Date	9/26/2011	12/14/2011	3/15/2012	5/14/2012	7/13/2012	9/22/2011
		Sample Depth	20-30 FT	20-30 FT	20-30 FT	20-30 FT	20-30 FT	68-78 FT
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Units						
1,1,1,2-TETRACHLOROETHANE	NC	µg/L	5.0U	0.68U	5.0U	5.0U	5.0U	5.0U
1,1,1-TRICHLOROETHANE	5(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
1,1,2,2-TETRACHLOROETHANE	5(S)	µg/L	1.0U	0.93UJ	1.0U	1.0U	1.0U	1.0U
1,1,2-TRICHLOROETHANE	1(S)	µg/L	1.0U	1.2UJ	1.0U	1.0U	1.0U	1.0U
1,1,2-TRICHLOROTRIFLUOROETHANE	NC	µg/L	NA	0.33U	NA	NA	NA	NA
1,1-DICHLOROETHANE	5(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
1,1-DICHLOROETHENE	5(S)	µg/L	1.0U	1.1U	1.0U	1.0U	1.0U	1.0U
1,1-DICHLOROPROPENE	NC	µg/L	5.0U	NA	NA	NA	NA	5.0U
1,2,3-TRICHLOROPROPANE	NC	µg/L	5.0U	1.6UJ	5.0U	5.0U	5.0U	5.0U
1,2,4-TRICHLOROENZENE	5(S)	µg/L	5.0U	0.38UJ	NA	NA	NA	5.0U
1,2-DIBROMO-3-CHLOROPROPANE	NC	µg/L	10U	0.35UJ	10U	10U	10U	10U
1,2-DIBROMOETHANE	5(S)	µg/L	2.0U	0.61UJ	2.0U	2.0U	2.0U	2.0U
1,2-DICHLOROBENZENE	3(S)	µg/L	[6.9]	[5.9]	[7.0]	[6.1]	[5.7]	1.0U
1,2-DICHLOROETHANE	0.6(S)	µg/L	1.0U	0.96U	1.0U	1.0U	1.0U	1.0U
1,2-DICHLOROETHENE (TOTAL)	5(S)	µg/L	NA	NA	NA	NA	NA	NA
1,2-DICHLOROPROPANE	1(S)	µg/L	1.0U	1.3U	1.0U	1.0U	1.0U	1.0U
1,3-DICHLOROBENZENE	3(S)	µg/L	0.46J	0.51U	NA	NA	NA	1.0U
1,3-DICHLOROPROPANE	NC	µg/L	5.0U	NA	NA	NA	NA	5.0U
1,4-DICHLOROBENZENE	3(S)	µg/L	[11.2]	[8.2]	[12.3]	[10.2]	[10]	1.0U
1,4-DIOXANE	NC	µg/L	NA	NA	NA	NA	NA	NA
2,2-DICHLOROPROPANE	NC	µg/L	5.0U	NA	NA	NA	NA	5.0U
2-BUTANONE	50(G)	µg/L	10U	1.1UJ	10U	10U	10U	10U
2-HEXANONE	50(G)	µg/L	5.0U	0.57U	5.0U	5.0U	5.0U	5.0U
2-PROPENENITRILE, 2-METHYL-	NC	µg/L	10U	NA	NA	NA	NA	10U
4-METHYL-2-PENTANONE	NC	µg/L	5.0U	0.59U	5.0U	5.0U	5.0U	5.0U
ACETONE	50(S)	µg/L	10U	5.0UJ	10U	10UJ	10UJ	10U
ACETONITRILE	NC	µg/L	100U	NA	50U	50U	50U	100U
ACETOPHENONE	NC	µg/L	NA	NA	NA	NA	NA	NA
ACROLEIN	NC	µg/L	50U	NA	NA	NA	NA	50U
ACRYLONITRILE	NC	µg/L	50U	6.8U	NA	NA	NA	50U
ALLYL CHLORIDE	NC	µg/L	5.0U	NA	NA	NA	NA	5.0U
BENZENE	1(S)	µg/L	1.0U	0.99U	1.0U	1.0U	1.0U	1.0U
BROMOCHLOROMETHANE	NC	µg/L	5.0U	NA	5.0U	5.0U	5.0U	5.0U
BROMODICHLOROMETHANE	50(G)	µg/L	1.0U	0.93U	1.0U	1.0U	1.0U	1.0U
BROMOFORM	50(G)	µg/L	4.0UJ	1.1UJ	4.0U	4.0U	4.0U	4.0U
BROMOMETHANE	5(S)	µg/L	2.0U	1.6U	2.0UJ	2.0U	2.0U	2.0U
CARBON DISULFIDE	60(G)	µg/L	2.0U	1.1U	2.0UJ	2.0U	2.0U	2.0U
CARBON TETRACHLORIDE	5(S)	µg/L	1.0UJ	1.1U	1.0U	1.0U	1.0U	1.0U
CHLOROBENZENE	5(S)	µg/L	[22.3]	[22]	[21.5]	[21.2]	[22.2]	1.0U
CHLORODIBROMOMETHANE	50(G)	µg/L	1.0U	0.65UJ	1.0U	1.0U	1.0U	1.0U

Notes:

U - Non detect; J - estimated value; R - rejected value;

EMPC - estimated maximum possible concentration; K - congener estimated maximum possible concentration.

NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 4
Honeywell
SCA Hydrogeologic Investigation
Shallow Monitoring Wells
Method 8260/8015 Volatile Organic Compound Data

Parameter Name	New York State Class GA Standards	Field Sample ID	SCA-0023-02	SCA-0033-05	SCA-0038-04	SCA-0049-05	SCA-0054-02	SCA-0019-01
		Location	SB915-MW-102S	SB915-MW-102S	SB915-MW-102S	SB915-MW-102S	SB915-MW-102S	SB915-MW-103S
		Sample Date	9/26/2011	12/14/2011	3/15/2012	5/14/2012	7/13/2012	9/22/2011
		Sample Depth	20-30 FT	20-30 FT	20-30 FT	20-30 FT	20-30 FT	68-78 FT
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
Units								
CHLOROETHANE	5(S)	µg/L	1.0U	0.75U	1.0U	1.0U	1.0U	1.0U
CHLOROFORM	7(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
CHLOROMETHANE	5(S)	µg/L	1.0U	1.4U	1.0U	1.0U	1.0U	1.0U
CHLOROPRENE	NC	µg/L	5.0U	NA	NA	NA	NA	5.0U
CIS-1,2-DICHLOROETHENE	5(G)	µg/L	1.0U	0.67U	1.0U	1.0U	1.0U	1.0U
CIS-1,3-DICHLOROPROPENE	0.4(S)	µg/L	1.0U	0.73U	1.0U	1.0U	1.0U	1.0U
CYCLOHEXANE	NC	µg/L	NA	0.60U	NA	NA	NA	NA
DIBROMOMETHANE	NC	µg/L	5.0U	NA	5.0U	5.0U	5.0U	5.0U
DICHLORODIFLUOROMETHANE	5(S)	µg/L	5.0U	0.64U	NA	NA	NA	5.0U
ETHANE, PENTACHLORO-	NC	µg/L	NA	NA	NA	NA	NA	NA
ETHYL CYANIDE	NC	µg/L	100U	NA	NA	NA	NA	100U
ETHYL METHACRYLATE	NC	µg/L	10U	NA	NA	NA	NA	10U
ETHYLBENZENE	5(S)	µg/L	1.0U	0.62U	1.0U	1.0U	1.0U	1.0U
IODOMETHANE	NC	µg/L	25U	NA	NA	NA	NA	25U
ISOBUTANOL	NC	µg/L	NA	NA	NA	NA	NA	NA
ISOPROPANOL	NC	µg/L	100U	NA	NA	NA	NA	100U
ISOPROPYLBENZENE	5(G)	µg/L	NA	0.53U	NA	NA	NA	NA
METHYL ACETATE	NC	µg/L	NA	1.2UJ	NA	NA	NA	NA
METHYL METHACRYLATE	NC	µg/L	10U	NA	NA	NA	NA	10U
METHYL TERT-BUTYL ETHER	10(G)	µg/L	NA	1.0U	NA	NA	NA	NA
METHYLCYCLOHEXANE	NC	µg/L	NA	0.56U	NA	NA	NA	NA
METHYLENE CHLORIDE	5(S)	µg/L	2.0U	1.1U	2.0U	2.0U	2.0U	2.0U
O-XYLENE	5(S)	µg/L	1.0U	0.73U	NA	NA	NA	1.0U
STYRENE	5(S)	µg/L	5.0U	0.64U	5.0U	5.0U	5.0U	5.0U
TETRACHLOROETHENE	5(S)	µg/L	1.0U	0.82U	1.0U	1.0U	1.0U	1.0U
TOLUENE	5(S)	µg/L	1.0U	0.85U	1.0U	1.0U	1.0U	1.0U
TRANS-1,2-DICHLOROETHENE	5(G)	µg/L	1.0U	0.75U	1.0U	1.0U	1.0U	1.0U
TRANS-1,3-DICHLOROPROPENE	0.4(S)	µg/L	1.0U	0.58U	1.0U	1.0U	1.0U	1.0U
TRANS-1,4-DICHLORO-2-BUTENE	NC	µg/L	5.0U	0.81UJ	5.0U	5.0U	5.0U	5.0U
TRICHLOROETHENE	5(S)	µg/L	1.0U	0.80U	1.0U	1.0U	1.0U	1.0U
TRICHLOROFLUOROMETHANE	5(S)	µg/L	5.0U	1.1UJ	5.0U	5.0U	5.0U	5.0U
VINYL ACETATE	NC	µg/L	10U	0.86U	10U	10U	10U	10U
VINYL CHLORIDE	2(S)	µg/L	1.0U	1.3U	1.0U	1.0U	1.0U	1.0U
XYLENES, M & P	5(S)	µg/L	1.0U	1.3U	NA	NA	NA	1.0U
XYLENES, TOTAL	5(S)	µg/L	1.0U	2.0U	1.0U	1.0U	1.0U	1.0U

Notes:

U - Non detect; J - estimated value; R - rejected value;

EMPC - estimated maximum possible concentration; K - congener estimated maximum possible concentration.

NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 4
Honeywell
SCA Hydrogeologic Investigation
Shallow Monitoring Wells
Method 8260/8015 Volatile Organic Compound Data

Parameter Name	New York State Class GA Standards	Field Sample ID	SCA-0030-04	SCA-0043-04	SCA-0051-04	SCA-0057-08	SCA-0001-01	SCA-0008-06
		Location	SB915-MW-103S	SB915-MW-103S	SB915-MW-103S	SB915-MW-103S	SB915-WB-02U	SB915-WB-02U
		Sample Date	12/9/2011	3/22/2012	5/16/2012	7/18/2012	3/10/2011	6/22/2011
		Sample Depth	68-78 FT	68-78 FT	68-78 FT	68-78 FT	33-43 FT	33-43 FT
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Units						
1,1,1,2-TETRACHLOROETHANE	NC	µg/L	0.68U	5.0U	5.0U	5.0U	5.0U	5.0U
1,1,1-TRICHLOROETHANE	5(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
1,1,2,2-TETRACHLOROETHANE	5(S)	µg/L	0.93U	1.0U	1.0U	1.0U	1.0U	1.0U
1,1,2-TRICHLOROETHANE	1(S)	µg/L	1.2U	1.0U	1.0U	1.0U	1.0U	1.0U
1,1,2-TRICHLOROTRIFLUOROETHANE	NC	µg/L	0.33U	NA	NA	NA	NA	NA
1,1-DICHLOROETHANE	5(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
1,1-DICHLOROETHENE	5(S)	µg/L	1.1U	1.0U	1.0U	1.0U	1.0U	1.0U
1,1-DICHLOROPROPENE	NC	µg/L	NA	NA	NA	NA	5.0U	NA
1,2,3-TRICHLOROPROPANE	NC	µg/L	1.6UJ	5.0U	5.0U	5.0U	5.0U	5.0U
1,2,4-TRICHLOROENZENE	5(S)	µg/L	0.38UJ	NA	NA	NA	5.0U	NA
1,2-DIBROMO-3-CHLOROPROPANE	NC	µg/L	0.35UJ	10U	10U	10U	10U	10U
1,2-DIBROMOETHANE	5(S)	µg/L	0.61U	2.0U	2.0U	2.0U	2.0U	2.0U
1,2-DICHLOROBENZENE	3(S)	µg/L	0.68U	1.0U	1.0U	1.0U	1.0U	NA
1,2-DICHLOROETHANE	0.6(S)	µg/L	0.96U	1.0U	1.0U	1.0U	1.0U	1.0U
1,2-DICHLOROETHENE (TOTAL)	5(S)	µg/L	NA	NA	NA	NA	NA	NA
1,2-DICHLOROPROPANE	1(S)	µg/L	1.3U	1.0U	1.0U	1.0U	1.0U	1.0U
1,3-DICHLOROBENZENE	3(S)	µg/L	0.51U	NA	NA	NA	1.0U	NA
1,3-DICHLOROPROPANE	NC	µg/L	NA	NA	NA	NA	5.0U	NA
1,4-DICHLOROBENZENE	3(S)	µg/L	0.53U	1.0U	0.32J	1.0U	1.0U	NA
1,4-DIOXANE	NC	µg/L	NA	NA	NA	NA	NA	130U
2,2-DICHLOROPROPANE	NC	µg/L	NA	NA	NA	NA	5.0U	NA
2-BUTANONE	50(G)	µg/L	1.1UJ	10U	10U	10U	10U	10U
2-HEXANONE	50(G)	µg/L	0.57UJ	5.0U	5.0U	5.0U	5.0U	5.0U
2-PROPENENITRILE, 2-METHYL-	NC	µg/L	NA	NA	NA	NA	10U	10U
4-METHYL-2-PENTANONE	NC	µg/L	0.59U	5.0U	5.0U	5.0U	5.0U	5.0U
ACETONE	50(S)	µg/L	5.0UJ	10U	10UJ	10U	10U	10U
ACETONITRILE	NC	µg/L	NA	50U	50U	50U	100U	100U
ACETOPHENONE	NC	µg/L	NA	NA	NA	NA	NA	NA
ACROLEIN	NC	µg/L	NA	NA	NA	NA	50U	50U
ACRYLONITRILE	NC	µg/L	6.8U	NA	NA	NA	50U	50U
ALLYL CHLORIDE	NC	µg/L	NA	NA	NA	NA	5.0U	5.0U
BENZENE	1(S)	µg/L	0.99U	0.32J	1.0U	0.34J	1.0U	1.0U
BROMOCHLOROMETHANE	NC	µg/L	NA	5.0U	5.0U	5.0U	5.0U	NA
BROMODICHLOROMETHANE	50(G)	µg/L	0.93U	1.0U	1.0U	1.0U	1.0U	1.0U
BROMOFORM	50(G)	µg/L	1.1U	4.0U	4.0U	4.0U	4.0U	4.0U
BROMOMETHANE	5(S)	µg/L	1.6U	2.0U	2.0UJ	2.0U	2.0U	2.0U
CARBON DISULFIDE	60(G)	µg/L	1.1UJ	2.0U	2.0U	2.0U	2.0U	2.0U
CARBON TETRACHLORIDE	5(S)	µg/L	1.1U	1.0U	1.0U	1.0U	1.0U	1.0UJ
CHLOROBENZENE	5(S)	µg/L	0.53U	0.29J	0.24J	1.0U	1.0U	1.0U
CHLORODIBROMOMETHANE	50(G)	µg/L	0.65U	1.0U	1.0U	1.0U	1.0U	1.0U

Notes:

U - Non detect; J - estimated value; R - rejected value;

EMPC - estimated maximum possible concentration; K - congener estimated maximum possible concentration.

NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 4
Honeywell
SCA Hydrogeologic Investigation
Shallow Monitoring Wells
Method 8260/8015 Volatile Organic Compound Data

Parameter Name	New York State Class GA Standards	Field Sample ID	SCA-0030-04	SCA-0043-04	SCA-0051-04	SCA-0057-08	SCA-0001-01	SCA-0008-06
		Location	SB915-MW-103S	SB915-MW-103S	SB915-MW-103S	SB915-MW-103S	SB915-WB-02U	SB915-WB-02U
		Sample Date	12/9/2011	3/22/2012	5/16/2012	7/18/2012	3/10/2011	6/22/2011
		Sample Depth	68-78 FT	68-78 FT	68-78 FT	68-78 FT	33-43 FT	33-43 FT
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
Units								
CHLOROETHANE	5(S)	µg/L	0.75UJ	1.0U	1.0U	1.0U	1.0U	1.0U
CHLOROFORM	7(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
CHLOROMETHANE	5(S)	µg/L	1.4U	1.0U	1.0U	1.0U	1.0U	1.0U
CHLOROPRENE	NC	µg/L	NA	NA	NA	NA	5.0U	5.0U
CIS-1,2-DICHLOROETHENE	5(G)	µg/L	0.67U	1.0U	1.0U	1.0U	1.0U	1.0U
CIS-1,3-DICHLOROPROPENE	0.4(S)	µg/L	0.73U	1.0U	1.0U	1.0U	1.0U	1.0U
CYCLOHEXANE	NC	µg/L	0.60U	NA	NA	NA	NA	NA
DIBROMOMETHANE	NC	µg/L	NA	5.0U	5.0U	5.0U	5.0U	5.0U
DICHLORODIFLUOROMETHANE	5(S)	µg/L	0.64U	NA	NA	NA	5.0U	5.0U
ETHANE, PENTACHLORO-	NC	µg/L	NA	NA	NA	NA	NA	5.0U
ETHYL CYANIDE	NC	µg/L	NA	NA	NA	NA	NA	50U
ETHYL METHACRYLATE	NC	µg/L	NA	NA	NA	NA	10U	10U
ETHYLBENZENE	5(S)	µg/L	0.62U	1.0U	1.0U	1.0U	1.0U	1.0U
IODOMETHANE	NC	µg/L	NA	NA	NA	NA	25U	25U
ISOBUTANOL	NC	µg/L	NA	NA	NA	NA	100U	50U
ISOPROPANOL	NC	µg/L	NA	NA	NA	NA	NA	NA
ISOPROPYLBENZENE	5(G)	µg/L	0.53U	NA	NA	NA	NA	NA
METHYL ACETATE	NC	µg/L	1.2UJ	NA	NA	NA	NA	NA
METHYL METHACRYLATE	NC	µg/L	NA	NA	NA	NA	10U	10U
METHYL TERT-BUTYL ETHER	10(G)	µg/L	1.0U	NA	NA	NA	NA	NA
METHYLCYCLOHEXANE	NC	µg/L	0.56U	NA	NA	NA	NA	NA
METHYLENE CHLORIDE	5(S)	µg/L	1.1U	2.0U	2.0U	2.0U	2.0U	2.0U
O-XYLENE	5(S)	µg/L	0.73U	NA	NA	NA	1.0U	NA
STYRENE	5(S)	µg/L	0.64U	5.0U	5.0U	5.0U	5.0U	5.0U
TETRACHLOROETHENE	5(S)	µg/L	0.82U	1.0U	1.0U	1.0U	1.0U	1.0U
TOLUENE	5(S)	µg/L	0.85U	1.0U	1.0U	1.0U	1.0U	1.0U
TRANS-1,2-DICHLOROETHENE	5(G)	µg/L	0.75U	1.0U	1.0U	1.0U	1.0U	1.0U
TRANS-1,3-DICHLOROPROPENE	0.4(S)	µg/L	0.58U	1.0U	1.0U	1.0U	1.0U	1.0U
TRANS-1,4-DICHLORO-2-BUTENE	NC	µg/L	0.81U	5.0UJ	5.0U	5.0U	5.0U	5.0U
TRICHLOROETHENE	5(S)	µg/L	0.80U	1.0U	1.0U	1.0U	1.0U	1.0U
TRICHLOROFLUOROMETHANE	5(S)	µg/L	1.1UJ	5.0U	5.0U	5.0U	5.0U	5.0U
VINYL ACETATE	NC	µg/L	0.86U	10U	10U	10U	10U	10U
VINYL CHLORIDE	2(S)	µg/L	1.3U	1.0U	1.0U	1.0U	1.0U	1.0U
XYLENES, M & P	5(S)	µg/L	1.3U	NA	NA	NA	1.0U	NA
XYLENES, TOTAL	5(S)	µg/L	2.0U	1.0U	1.0U	1.0U	1.0U	1.0U

Notes:

U - Non detect; J - estimated value; R - rejected value;

EMPC - estimated maximum possible concentration; K - congener estimated maximum possible concentration.

NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 4
Honeywell
SCA Hydrogeologic Investigation
Shallow Monitoring Wells
Method 8260/8015 Volatile Organic Compound Data

Parameter Name	New York State Class GA Standards	Field Sample ID	SCA-0004-01	SCA-0011-03
		Location	SB915-WB-04U	SB915-WB-04U
		Sample Date	3/15/2011	6/27/2011
		Sample Depth	28.8-38.8 FT	28.8-38.8 FT
		Sample Purpose	Regular sample	Regular sample
		Units		
1,1,1,2-TETRACHLOROETHANE	NC	µg/L	5.0U	5.0U
1,1,1-TRICHLOROETHANE	5(S)	µg/L	1.0U	1.0U
1,1,2,2-TETRACHLOROETHANE	5(S)	µg/L	1.0U	1.0U
1,1,2-TRICHLOROETHANE	1(S)	µg/L	1.0U	1.0U
1,1,2-TRICHLOROTRIFLUOROETHANE	NC	µg/L	NA	NA
1,1-DICHLOROETHANE	5(S)	µg/L	1.0U	1.0U
1,1-DICHLOROETHENE	5(S)	µg/L	1.0U	1.0U
1,1-DICHLOROPROPENE	NC	µg/L	5.0U	NA
1,2,3-TRICHLOROPROPANE	NC	µg/L	5.0U	5.0U
1,2,4-TRICHLOROBENZENE	5(S)	µg/L	0.73J	NA
1,2-DIBROMO-3-CHLOROPROPANE	NC	µg/L	10U	10U
1,2-DIBROMOETHANE	5(S)	µg/L	2.0U	2.0U
1,2-DICHLOROBENZENE	3(S)	µg/L	[19.3]	NA
1,2-DICHLOROETHANE	0.6(S)	µg/L	[0.92J]	[1.5]
1,2-DICHLOROETHENE (TOTAL)	5(S)	µg/L	NA	NA
1,2-DICHLOROPROPANE	1(S)	µg/L	1.0U	1.0U
1,3-DICHLOROBENZENE	3(S)	µg/L	1.8	NA
1,3-DICHLOROPROPANE	NC	µg/L	5.0U	NA
1,4-DICHLOROBENZENE	3(S)	µg/L	[33.6]	NA
1,4-DIOXANE	NC	µg/L	NA	130U
2,2-DICHLOROPROPANE	NC	µg/L	5.0U	NA
2-BUTANONE	50(G)	µg/L	10U	10U
2-HEXANONE	50(G)	µg/L	5.0U	5.0U
2-PROPENENITRILE, 2-METHYL-	NC	µg/L	10U	10U
4-METHYL-2-PENTANONE	NC	µg/L	5.0U	5.0U
ACETONE	50(S)	µg/L	10U	10U
ACETONITRILE	NC	µg/L	100U	100U
ACETOPHENONE	NC	µg/L	NA	NA
ACROLEIN	NC	µg/L	50U	50U
ACRYLONITRILE	NC	µg/L	50U	50U
ALLYL CHLORIDE	NC	µg/L	5.0U	5.0U
BENZENE	1(S)	µg/L	0.69J	[1.5]
BROMOCHLOROMETHANE	NC	µg/L	5.0U	NA
BROMODICHLOROMETHANE	50(G)	µg/L	1.0U	1.0U
BROMOFORM	50(G)	µg/L	4.0U	4.0U
BROMOMETHANE	5(S)	µg/L	2.0U	2.0U
CARBON DISULFIDE	60(G)	µg/L	2.0U	2.0U
CARBON TETRACHLORIDE	5(S)	µg/L	1.0U	1.0U
CHLOROBENZENE	5(S)	µg/L	[36.4]	[62.6]
CHLORODIBROMOMETHANE	50(G)	µg/L	1.0U	1.0U

Notes:

U - Non detect; J - estimated value; R - rejected value;

EMPC - estimated maximum possible concentration; K - congener estimated maximum possible concentration.

NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 4
Honeywell
SCA Hydrogeologic Investigation
Shallow Monitoring Wells
Method 8260/8015 Volatile Organic Compound Data

Parameter Name	New York State Class GA Standards	Field Sample ID	SCA-0004-01	SCA-0011-03
		Location	SB915-WB-04U	SB915-WB-04U
		Sample Date	3/15/2011	6/27/2011
		Sample Depth	28.8-38.8 FT	28.8-38.8 FT
		Sample Purpose	Regular sample	Regular sample
		Units		
CHLOROETHANE	5(S)	µg/L	1.0U	1.0U
CHLOROFORM	7(S)	µg/L	1.0U	1.0U
CHLOROMETHANE	5(S)	µg/L	1.0U	1.0U
CHLOROPRENE	NC	µg/L	5.0U	5.0U
CIS-1,2-DICHLOROETHENE	5(G)	µg/L	1.0U	1.0U
CIS-1,3-DICHLOROPROPENE	0.4(S)	µg/L	1.0U	1.0U
CYCLOHEXANE	NC	µg/L	NA	NA
DIBROMOMETHANE	NC	µg/L	5.0U	5.0U
DICHLORODIFLUOROMETHANE	5(S)	µg/L	5.0U	5.0U
ETHANE, PENTACHLORO-	NC	µg/L	NA	5.0U
ETHYL CYANIDE	NC	µg/L	NA	50U
ETHYL METHACRYLATE	NC	µg/L	10U	10U
ETHYLBENZENE	5(S)	µg/L	1.0U	1.0U
IODOMETHANE	NC	µg/L	25U	25U
ISOBUTANOL	NC	µg/L	100U	50U
ISOPROPANOL	NC	µg/L	NA	NA
ISOPROPYLBENZENE	5(G)	µg/L	NA	NA
METHYL ACETATE	NC	µg/L	NA	NA
METHYL METHACRYLATE	NC	µg/L	10U	10U
METHYL TERT-BUTYL ETHER	10(G)	µg/L	NA	NA
METHYLCYCLOHEXANE	NC	µg/L	NA	NA
METHYLENE CHLORIDE	5(S)	µg/L	2.0U	2.0U
O-XYLENE	5(S)	µg/L	1.0U	NA
STYRENE	5(S)	µg/L	5.0U	5.0U
TETRACHLOROETHENE	5(S)	µg/L	1.0U	1.0U
TOLUENE	5(S)	µg/L	1.0U	0.21J
TRANS-1,2-DICHLOROETHENE	5(G)	µg/L	1.0U	1.0U
TRANS-1,3-DICHLOROPROPENE	0.4(S)	µg/L	1.0U	1.0U
TRANS-1,4-DICHLORO-2-BUTENE	NC	µg/L	5.0U	5.0U
TRICHLOROETHENE	5(S)	µg/L	1.0U	1.0U
TRICHLOROFLUOROMETHANE	5(S)	µg/L	5.0U	5.0U
VINYL ACETATE	NC	µg/L	10U	10U
VINYL CHLORIDE	2(S)	µg/L	1.0U	1.0U
XYLENES, M & P	5(S)	µg/L	1.0U	NA
XYLENES, TOTAL	5(S)	µg/L	1.0U	1.0U

Notes:

U - Non detect; J - estimated value; R - rejected value;

EMPC - estimated maximum possible concentration; K - congener estimated maximum possible concentration.

NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 5
Honeywell
SCA Hydrogeologic Investigation
Shallow Monitoring Wells
Method 8270 Semivolatile Organic Compound Data

Parameter Name	New York State Class GA Standards	Field Sample ID	SCA-0025-01	SCA-0002-01	SCA-0003-01	SCA-0021-01	SCA-0006-02	SCA-0006-01
		Location	SB915-MW-87S	SB915-MW-88S	SB915-MW-89S	SB915-MW-90S	SB915-MW-91SN	SB915-MW-91S
		Sample Date	9/27/2011	3/11/2011	3/14/2011	9/23/2011	3/17/2011	3/17/2011
		Sample Depth	25-35 FT	25-35 FT	22-32 FT	22-32 FT	78-88 FT	21-41 FT
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Units						
[1,1-BIPHENYL]-4,4-DIAMINE, 3,3-DIMETHYL-	NC	µg/L	5.0R	5.0UJ	5.0UJ	5.2R	5.0UJ	5.0UJ
1,2,4,5-TETRACHLOROBENZENE	NC	µg/L	2.0U	2.0U	2.0U	2.1U	2.0U	2.0U
1,2,4-TRICHLOROBENZENE	5(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
1,2-DICHLOROBENZENE	3(S)	µg/L	1.0U	1.0U	1.0U	[10.1]	1.0U	[29.4]
1,3,5-TRINITROBENZENE	NC	µg/L	5.0U	5.0U	5.0U	5.2U	5.0U	5.0U
1,3-DICHLOROBENZENE	3(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
1,3-DINITROBENZENE	NC	µg/L	5.0UJ	5.0U	5.0U	5.2UJ	5.0U	5.0U
1,4-DICHLOROBENZENE	3(S)	µg/L	1.0U	1.0U	1.0U	[16.5]	1.0U	[24.4]
1,4-NAPHTHOQUINONE	NC	µg/L	5.0U	5.0U	5.0U	5.2U	5.0U	5.0U
2,2'-OXYBIS(1-CHLOROPROPANE)	NC	µg/L	2.0U	2.0U	2.0U	2.1U	2.0U	2.0U
2,3,4,6-TETRACHLOROPHENOL	NC	µg/L	5.0U	5.0U	5.0U	5.2U	5.0U	5.0U
2,4,5-TRICHLOROPHENOL	1(S)	µg/L	5.0U	5.0U	5.0U	5.2U	5.0U	5.0U
2,4,6-TRICHLOROPHENOL	1(S)	µg/L	5.0U	5.0U	5.0U	5.2U	5.0U	5.0U
2,4-DICHLOROPHENOL	1(S)	µg/L	5.0U	5.0U	5.0U	5.2U	5.0U	5.0U
2,4-DIMETHYLPHENOL	50(G)	µg/L	5.0U	5.0U	5.0U	5.2U	5.0U	5.0U
2,4-DINITROPHENOL	10(G)	µg/L	20U	20U	20U	21U	20U	20U
2,4-DINITROTOLUENE	5(S)	µg/L	2.0U	2.0U	2.0U	2.1U	2.0U	2.0U
2,6-DICHLOROPHENOL	NC	µg/L	5.0U	5.0U	5.0U	5.2U	5.0U	5.0U
2,6-DINITROTOLUENE	5(S)	µg/L	2.0U	2.0U	2.0U	2.1U	2.0U	2.0U
2-ACETYLAMINOFUORENE (TIC)	NC	µg/L	5.0U	5.0U	5.0U	5.2U	5.0U	5.0U
2-CHLORONAPHTHALENE	10(G)	µg/L	2.0U	2.0U	2.0U	2.1U	2.0U	2.0U
2-CHLOROPHENOL	1(S)	µg/L	5.0U	5.0U	5.0U	5.2U	5.0U	5.0U
2-METHYLNAPHTHALENE	NC	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
2-METHYLPHENOL	1(S)	µg/L	2.0U	2.0U	2.0U	2.1U	2.0U	2.0U
2-NAPHTHYLAMINE	NC	µg/L	5.0U	5.0U	5.0U	5.2U	5.0U	5.0U
2-NITROANILINE	5(S)	µg/L	5.0UJ	5.0U	5.0UJ	5.2UJ	5.0U	5.0U
2-NITROPHENOL	1(S)	µg/L	5.0U	5.0U	5.0U	5.2U	5.0U	5.0U
3&4-METHYLPHENOL	NC	µg/L	2.0U	2.0U	2.0U	2.1U	6.4	2.0U
3,3'-DICHLOROBENZIDINE	NC	µg/L	5.0UJ	5.0U	5.0U	5.2UJ	5.0U	5.0U
3-METHYLCHOLANTHRENE	NC	µg/L	5.0R	5.0U	5.0U	5.2R	5.0U	5.0U
3-NITROANILINE	5(S)	µg/L	5.0U	5.0U	5.0U	5.2U	5.0U	5.0U
4,6-DINITRO-2-METHYLPHENOL	1(S)	µg/L	20U	20U	20U	21U	20UJ	20UJ
4-AMINOBIIPHENYL	NC	µg/L	5.0U	5.0UJ	5.0UJ	5.2U	5.0UJ	5.0UJ
4-BROMOPHENYL PHENYL ETHER	5(S)	µg/L	2.0U	2.0U	2.0U	2.1U	2.0U	2.0U
4-CHLORO-3-METHYLPHENOL	1(S)	µg/L	5.0UJ	5.0U	5.0U	5.2UJ	5.0U	5.0U
4-CHLOROANILINE	5(S)	µg/L	5.0U	5.0U	5.0U	5.2U	5.0U	5.0U
4-CHLOROPHENYL PHENYL ETHER	5(S)	µg/L	2.0U	2.0U	2.0U	2.1U	2.0U	2.0U
4-NITROANILINE	5(S)	µg/L	5.0U	5.0U	5.0U	5.2U	5.0U	5.0U
4-NITROPHENOL	1(S)	µg/L	10U	10UJ	10U	10U	10UJ	10UJ
5-NITRO-O-TOLUIDINE	NC	µg/L	5.0U	5.0U	5.0U	5.2U	5.0U	5.0U

Notes:

U - Non detect; J - estimated value; R - rejected value;

EMPC - estimated maximum possible concentration; K - congener estimated maximum possible concentration.

NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standards and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

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Honeywell
SCA Hydrogeologic Investigation
Shallow Monitoring Wells
Method 8270 Semivolatile Organic Compound Data

Parameter Name	New York State Class GA Standards	Field Sample ID	SCA-0025-01	SCA-0002-01	SCA-0003-01	SCA-0021-01	SCA-0006-02	SCA-0006-01
		Location	SB915-MW-87S	SB915-MW-88S	SB915-MW-89S	SB915-MW-90S	SB915-MW-91SN	SB915-MW-91S
		Sample Date	9/27/2011	3/11/2011	3/14/2011	9/23/2011	3/17/2011	3/17/2011
		Sample Depth	25-35 FT	25-35 FT	22-32 FT	22-32 FT	78-88 FT	21-41 FT
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Units						
7,12-DIMETHYLBENZ(A)ANTHRACENE	NC	µg/L	5.0UJ	5.0U	5.0U	5.2UJ	5.0UJ	5.0UJ
ACENAPHTHENE	20(G)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
ACENAPHTHYLENE	NC	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
ACETOPHENONE	NC	µg/L	NA	2.0U	2.0U	NA	2.0U	7JN
ALPHA-NAPHTHYLAMINE	NC	µg/L	5.0U	5.0U	5.0U	5.2U	5.0U	5.0U
ANTHRACENE	50(G)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
BENZENAMINE, N,N-DIMETHYL-4-(PEHNYLAZO)-	NC	µg/L	5.0U	5.0U	5.0U	5.2U	5.0U	5.0U
BENZENEACETIC ACID, 4-CHLORO-ALPHA-(4-CHLOROPHENYL)-	NC	µg/L	5.0U	5.0UJ	5.0UJ	5.2U	5.0UJ	5.0UJ
BENZO(A)ANTHRACENE	0.002(G)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
BENZO(A)PYRENE	NC	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
BENZO(B)FLUORANTHENE	0.002(G)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
BENZO(G,H,I)PERYLENE	NC	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
BENZO(K)FLUORANTHENE	0.002(G)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
BENZYL ALCOHOL	NC	µg/L	2.0U	2.0U	2.0U	2.1U	2.0U	2.0U
BIS(2-CHLOROETHOXY)METHANE	5(S)	µg/L	2.0U	2.0U	2.0U	2.1U	2.0U	2.0U
BIS(2-CHLOROETHYL)ETHER	1(S)	µg/L	2.0U	2.0U	2.0U	2.1U	2.0U	2.0U
BIS(2-ETHYLHEXYL)PHTHALATE	5(S)	µg/L	2.0U	2.0U	2.0U	2.1U	2.0U	2.0U
BUTYLBENZYL PHTHALATE	50(G)	µg/L	2.0UJ	2.0U	2.0U	2.1UJ	2.0U	2.0U
CARBAMOTHIOIC ACID, BIS(1-METHYLETHYL)-S-(2,3-DICHLORO	NC	µg/L	5.0U	5.0U	5.0U	5.2U	5.0U	5.0U
CHRYSENE	0.002(G)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
DI-N-BUTYL PHTHALATE	50(S)	µg/L	1.5J	2.0U	2.0U	2.1U	2.0U	2.0U
DI-N-OCTYL PHTHALATE	50(G)	µg/L	2.0UJ	2.0U	2.0U	2.1UJ	2.0U	2.0U
DIBENZO(A,H)ANTHRACENE	NC	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
DIBENZOFURAN	NC	µg/L	5.0U	5.0U	5.0U	5.2U	5.0U	5.0U
DIETHYL PHTHALATE	50(G)	µg/L	2.0U	2.0U	2.0U	2.1U	2.0U	2.0U
DIMETHYL PHTHALATE	50(G)	µg/L	2.0U	2.0U	2.0U	2.1U	2.0U	2.0U
FLUORANTHENE	50(G)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
FLUORENE	50(G)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.4
HEXACHLOROBENZENE	0.04(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
HEXACHLOROBUTADIENE	0.5(S)	µg/L	1.0UJ	1.0U	1.0U	1.0UJ	1.0U	1.0U
HEXACHLOROCYCLOPENTADIENE	5(S)	µg/L	20UJ	20U	20U	21UJ	20U	20U
HEXACHLOROETHANE	5(S)	µg/L	2.0U	2.0U	2.0U	2.1U	2.0U	2.0U
HEXACHLOROPROPENE	NC	µg/L	5.0UJ	5.0U	5.0U	5.2UJ	5.0U	5.0U
INDENO(1,2,3-CD)PYRENE	0.002(G)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
ISODRIN	NC	µg/L	5.0U	5.0U	5.0U	5.2U	5.0U	5.0U
ISOPHORONE	50(G)	µg/L	2.0UJ	2.0U	2.0U	2.1UJ	2.0U	2.0U
ISOSAFROLE	NC	µg/L	5.0U	5.0U	5.0U	5.2U	5.0U	5.0U
KEPONE	NC	µg/L	30UJ	30UJ	30UJ	31UJ	30UJ	30UJ
METHANESULFONIC ACID, ETHYL ESTER	NC	µg/L	5.0UJ	5.0U	5.0UJ	5.2UJ	5.0UJ	5.0UJ
METHAPYRILENE	NC	µg/L	5.0UJ	5.0UJ	5.0UJ	5.2UJ	5.0UJ	5.0UJ

Notes:

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Table 5
Honeywell
SCA Hydrogeologic Investigation
Shallow Monitoring Wells
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	Field Sample ID	SCA-0025-01	SCA-0002-01	SCA-0003-01	SCA-0021-01	SCA-0006-02	SCA-0006-01	
	Location	SB915-MW-87S	SB915-MW-88S	SB915-MW-89S	SB915-MW-90S	SB915-MW-91SN	SB915-MW-91S	
	Sample Date	9/27/2011	3/11/2011	3/14/2011	9/23/2011	3/17/2011	3/17/2011	
	Sample Depth	25-35 FT	25-35 FT	22-32 FT	22-32 FT	78-88 FT	21-41 FT	
	New York State Class GA							
Parameter Name	Standards	Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	
	Units							
METHYL METHANESULFONATE	NC		5.0UJ	5.0U	5.0U	5.2UJ	5.0U	5.0U
N-NITROSO-DI-N-PROPYLAMINE	NC		2.0U	2.0UJ	2.0UJ	2.1U	2.0UJ	2.0UJ
N-NITROSODI-N-BUTYLAMINE	NC		5.0U	5.0U	5.0U	5.2UJ	5.0U	5.0U
N-NITROSODIETHYLAMINE	NC		5.0U	5.0U	5.0U	5.2U	5.0U	5.0U
N-NITROSODIMETHYLAMINE	NC		2.0U	2.0U	2.0U	2.1U	2.0U	2.0U
N-NITROSODIPHENYLAMINE	50(G)		5.0U	5.0U	5.0U	5.2U	5.0U	5.0U
N-NITROSOMETHYLETHYLAMINE	NC		5.0UJ	5.0U	5.0U	5.2UJ	5.0U	5.0U
N-NITROSOPIPERIDINE	NC		5.0UJ	5.0U	5.0U	5.2UJ	5.0U	5.0U
N-NITROSOPYRROLIDINE	NC		5.0UJ	5.0U	5.0U	5.2UJ	5.0U	5.0U
N-PHENYLANILINE	NC		5.0U	5.0U	5.0U	5.2U	5.0U	5.0U
NAPHTHALENE	10(G)		1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
NITROBENZENE	0.4(S)		2.0UJ	2.0U	2.0U	2.1UJ	2.0U	2.0U
O,O,O-TRIETHYL PHOSPHOROTHIOATE	NC		5.0U	5.0U	5.0U	5.2U	5.0U	5.0U
O,O-DIETHYL-O-(2-PYRAZINY)PHOSPHOROTHIOATE	NC		5.0U	5.0U	5.0U	5.2U	5.0U	5.0U
O-TOLUIDINE	NC		5.0U	5.0UJ	5.0UJ	5.2U	5.0UJ	5.0UJ
P-PHENYLENEDIAMINE	NC		5.0R	5.0U	5.0UJ	5.2UJ	5.0R	5.0R
PENTACHLOROBENZENE	NC		5.0U	5.0U	5.0U	5.2U	5.0U	5.0U
PENTACHLORONITROBENZENE	NC		5.0UJ	5.0UJ	5.0UJ	5.2UJ	5.0UJ	5.0UJ
PENTACHLOROPHENOL	1(S)		10U	10U	10U	10U	10U	10U
PHENACETIN	NC		5.0U	5.0UJ	5.0UJ	5.2U	5.0UJ	5.0UJ
PHENANTHRENE	50(G)		1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
PHENOL	1(S)		2.0U	2.0U	2.0U	2.1U	[5.0]	2.0U
PRONAMIDE	NC		5.0U	5.0U	5.0U	5.2U	5.0U	5.0U
PYRENE	50(G)		1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
SAFROLE	NC		5.0U	5.0U	5.0U	5.2U	5.0U	5.0U

Notes:

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Honeywell
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Parameter Name	New York State Class GA Standards	Field Sample ID	SCA-0005-01	SCA-0014-01	SCA-0016-01	SCA-0016-02	SCA-0016-03	SCA-0016-04
		Location	SB915-MW-92S	SB915-MW-93S	SB915-MW-94S	SB915-MW-95S	SB915-MW-96S	SB915-MW-97S
		Sample Date	3/16/2011	9/19/2011	9/21/2011	9/21/2011	9/21/2011	9/21/2011
		Sample Depth	28-48 FT	22-32 FT	20-30 FT	26-36 FT	26-36 FT	25-35 FT
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Units						
[1,1-BIPHENYL]-4,4-DIAMINE, 3,3-DIMETHYL-	NC	µg/L	5.0UJ	5.0R	5.0R	5.0R	5.0R	5.0R
1,2,4,5-TETRACHLOROBENZENE	NC	µg/L	2.0UJ	2.0U	2.0U	2.0U	2.0U	2.0U
1,2,4-TRICHLOROBENZENE	5(S)	µg/L	1.0UJ	1.0U	1.0U	1.0U	1.0U	1.0U
1,2-DICHLOROBENZENE	3(S)	µg/L	[72.1J]	[5.8]	1.0U	1.0U	1.0U	1.0U
1,3,5-TRINITROBENZENE	NC	µg/L	5.0UJ	5.0U	5.0U	5.0U	5.0U	5.0U
1,3-DICHLOROBENZENE	3(S)	µg/L	0.71J	1.0U	1.0U	1.0U	1.0U	1.0U
1,3-DINITROBENZENE	NC	µg/L	5.0UJ	5.0UJ	5.0UJ	5.0UJ	5.0UJ	5.0UJ
1,4-DICHLOROBENZENE	3(S)	µg/L	[30.7J]	[8.9]	1.0U	1.0U	1.0U	1.0U
1,4-NAPHTHOQUINONE	NC	µg/L	5.0UJ	5.0U	5.0U	5.0U	5.0U	5.0U
2,2'-OXYBIS(1-CHLOROPROPANE)	NC	µg/L	2.0UJ	2.0U	2.0U	2.0U	2.0U	2.0U
2,3,4,6-TETRACHLOROPHENOL	NC	µg/L	5.0UJ	5.0U	5.0U	5.0U	5.0U	5.0U
2,4,5-TRICHLOROPHENOL	1(S)	µg/L	5.0UJ	5.0U	5.0U	5.0U	5.0U	5.0U
2,4,6-TRICHLOROPHENOL	1(S)	µg/L	5.0UJ	5.0U	5.0U	5.0U	5.0U	5.0U
2,4-DICHLOROPHENOL	1(S)	µg/L	5.0UJ	5.0U	5.0U	5.0U	5.0U	5.0U
2,4-DIMETHYLPHENOL	50(G)	µg/L	5.0UJ	5.0U	5.0U	5.0U	5.0U	5.0U
2,4-DINITROPHENOL	10(G)	µg/L	20UJ	20U	20UJ	20UJ	20UJ	20UJ
2,4-DINITROTOLUENE	5(S)	µg/L	2.0UJ	2.0U	2.0UJ	2.0UJ	2.0UJ	2.0UJ
2,6-DICHLOROPHENOL	NC	µg/L	5.0UJ	5.0U	5.0U	5.0U	5.0U	5.0U
2,6-DINITROTOLUENE	5(S)	µg/L	2.0UJ	2.0U	2.0U	2.0U	2.0U	2.0U
2-ACETYLAMINOFUORENE (TIC)	NC	µg/L	5.0UJ	5.0UJ	5.0U	5.0U	5.0U	5.0U
2-CHLORONAPHTHALENE	10(G)	µg/L	2.0UJ	2.0U	2.0U	2.0U	2.0U	2.0U
2-CHLOROPHENOL	1(S)	µg/L	5.0UJ	5.0U	5.0U	5.0U	5.0U	5.0U
2-METHYLNAPHTHALENE	NC	µg/L	1.0UJ	1.0U	1.0U	1.0U	1.0U	1.0U
2-METHYLPHENOL	1(S)	µg/L	2.0UJ	2.0U	2.0U	2.0U	2.0U	2.0U
2-NAPHTHYLAMINE	NC	µg/L	5.0UJ	5.0UJ	5.0UJ	5.0UJ	5.0UJ	5.0UJ
2-NITROANILINE	5(S)	µg/L	5.0UJ	5.0UJ	5.0UJ	5.0UJ	5.0UJ	5.0UJ
2-NITROPHENOL	1(S)	µg/L	5.0UJ	5.0U	5.0U	5.0U	5.0U	5.0U
3&4-METHYLPHENOL	NC	µg/L	2.0UJ	2.0U	2.0U	2.0U	2.0U	2.0U
3,3'-DICHLOROBENZIDINE	NC	µg/L	5.0UJ	5.0U	5.0U	5.0U	5.0U	5.0U
3-METHYLCHOLANTHRENE	NC	µg/L	5.0UJ	5.0UJ	5.0R	5.0R	5.0R	5.0R
3-NITROANILINE	5(S)	µg/L	5.0UJ	5.0U	5.0U	5.0U	5.0U	5.0U
4,6-DINITRO-2-METHYLPHENOL	1(S)	µg/L	20UJ	20U	20U	20U	20U	20U
4-AMINOBIIPHENYL	NC	µg/L	5.0UJ	5.0U	5.0U	5.0U	5.0U	5.0U
4-BROMOPHENYL PHENYL ETHER	5(S)	µg/L	2.0UJ	2.0U	2.0U	2.0U	2.0U	2.0U
4-CHLORO-3-METHYLPHENOL	1(S)	µg/L	5.0UJ	5.0UJ	5.0UJ	5.0UJ	5.0UJ	5.0UJ
4-CHLOROANILINE	5(S)	µg/L	5.0UJ	5.0U	5.0UJ	5.0UJ	5.0UJ	5.0UJ
4-CHLOROPHENYL PHENYL ETHER	5(S)	µg/L	2.0UJ	2.0U	2.0U	2.0U	2.0U	2.0U
4-NITROANILINE	5(S)	µg/L	5.0UJ	5.0U	5.0U	5.0U	5.0U	5.0U
4-NITROPHENOL	1(S)	µg/L	10UJ	10U	10U	10U	10U	10U
5-NITRO-O-TOLUIDINE	NC	µg/L	5.0UJ	5.0U	5.0U	5.0U	5.0U	5.0U

Notes:

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		Sample Date	3/16/2011	9/19/2011	9/21/2011	9/21/2011	9/21/2011	9/21/2011
		Sample Depth	28-48 FT	22-32 FT	20-30 FT	26-36 FT	26-36 FT	25-35 FT
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Units						
7,12-DIMETHYLBENZ(A)ANTHRACENE	NC	µg/L	5.0UJ	5.0UJ	5.0UJ	5.0UJ	5.0UJ	5.0UJ
ACENAPHTHENE	20(G)	µg/L	1.0UJ	1.0U	1.0U	1.0U	1.0U	1.0U
ACENAPHTHYLENE	NC	µg/L	1.0UJ	1.0U	1.0U	1.0U	1.0U	1.0U
ACETOPHENONE	NC	µg/L	15.5J	NA	NA	NA	NA	NA
ALPHA-NAPHTHYLAMINE	NC	µg/L	5.0UJ	5.0UJ	5.0U	5.0U	5.0U	5.0U
ANTHRACENE	50(G)	µg/L	1.0UJ	1.0U	1.0U	1.0U	1.0U	1.0U
BENZENAMINE, N,N-DIMETHYL-4-(PEHNYLAZO)-	NC	µg/L	5.0UJ	5.0U	5.0U	5.0U	5.0U	5.0U
BENZENEACETIC ACID, 4-CHLORO-ALPHA-(4-CHLOROPHENYL)-	NC	µg/L	5.0UJ	5.0U	5.0U	5.0U	5.0U	5.0U
BENZO(A)ANTHRACENE	0.002(G)	µg/L	1.0UJ	1.0U	1.0U	1.0U	1.0U	1.0U
BENZO(A)PYRENE	NC	µg/L	1.0UJ	1.0U	1.0U	1.0U	1.0U	1.0U
BENZO(B)FLUORANTHENE	0.002(G)	µg/L	1.0UJ	1.0U	1.0U	1.0U	1.0U	1.0U
BENZO(G,H,I)PERYLENE	NC	µg/L	1.0UJ	1.0U	1.0U	1.0U	1.0U	1.0U
BENZO(K)FLUORANTHENE	0.002(G)	µg/L	1.0UJ	1.0U	1.0U	1.0U	1.0U	1.0U
BENZYL ALCOHOL	NC	µg/L	2.0UJ	2.0U	2.0U	2.0U	2.0U	2.0U
BIS(2-CHLOROETHOXY)METHANE	5(S)	µg/L	2.0UJ	2.0U	2.0U	2.0U	2.0U	2.0U
BIS(2-CHLOROETHYL)ETHER	1(S)	µg/L	2.0UJ	2.0U	2.0U	2.0U	2.0U	2.0U
BIS(2-ETHYLHEXYL)PHTHALATE	5(S)	µg/L	2.0UJ	2.0U	2.0U	2.0U	2.0U	2.0U
BUTYLBENZYL PHTHALATE	50(G)	µg/L	2.0UJ	2.0UJ	2.0UJ	2.0UJ	2.0UJ	2.0UJ
CARBAMOTHIOIC ACID, BIS(1-METHYLETHYL)-S-(2,3-DICHLORO	NC	µg/L	5.0UJ	5.0U	5.0U	5.0U	5.0U	5.0U
CHRYSENE	0.002(G)	µg/L	1.0UJ	1.0U	1.0U	1.0U	1.0U	1.0U
DI-N-BUTYL PHTHALATE	50(S)	µg/L	2.0UJ	2.0U	2.0U	2.0U	2.0U	2.0U
DI-N-OCTYL PHTHALATE	50(G)	µg/L	2.0UJ	2.0U	2.0U	2.0U	2.0U	2.0U
DIBENZO(A,H)ANTHRACENE	NC	µg/L	1.0UJ	1.0U	1.0U	1.0U	1.0U	1.0U
DIBENZOFURAN	NC	µg/L	5.0UJ	5.0U	5.0U	5.0U	5.0U	5.0U
DIETHYL PHTHALATE	50(G)	µg/L	2.0UJ	2.0U	2.0U	2.0U	2.0U	2.0U
DIMETHYL PHTHALATE	50(G)	µg/L	2.0UJ	2.0U	2.0U	2.0U	2.0U	2.0U
FLUORANTHENE	50(G)	µg/L	1.0UJ	1.0U	1.0U	1.0U	1.0U	1.0U
FLUORENE	50(G)	µg/L	1.0UJ	1.0U	1.0U	1.0U	1.0U	1.0U
HEXACHLOROBENZENE	0.04(S)	µg/L	1.0UJ	1.0U	1.0U	1.0U	1.0U	1.0U
HEXACHLOROBUTADIENE	0.5(S)	µg/L	1.0UJ	1.0UJ	1.0UJ	1.0UJ	1.0UJ	1.0UJ
HEXACHLOROCYCLOPENTADIENE	5(S)	µg/L	20UJ	20UJ	20UJ	20UJ	20UJ	20UJ
HEXACHLOROETHANE	5(S)	µg/L	2.0UJ	2.0U	2.0U	2.0U	2.0U	2.0U
HEXACHLOROPROPENE	NC	µg/L	5.0UJ	5.0UJ	5.0UJ	5.0UJ	5.0UJ	5.0UJ
INDENO(1,2,3-CD)PYRENE	0.002(G)	µg/L	1.0UJ	1.0U	1.0U	1.0U	1.0U	1.0U
ISODRIN	NC	µg/L	5.0UJ	5.0U	5.0U	5.0U	5.0U	5.0U
ISOPHORONE	50(G)	µg/L	2.0UJ	2.0U	2.0U	2.0U	2.0U	2.0U
ISOSAFROLE	NC	µg/L	5.0UJ	5.0U	5.0U	5.0U	5.0U	5.0U
KEPONE	NC	µg/L	30UJ	30UJ	30UJ	30UJ	30UJ	30UJ
METHANESULFONIC ACID, ETHYL ESTER	NC	µg/L	5.0UJ	5.0U	5.0UJ	5.0UJ	5.0UJ	5.0UJ
METHAPYRILENE	NC	µg/L	5.0UJ	5.0UJ	5.0R	5.0R	5.0R	5.0R

Notes:

U - Non detect; J - estimated value; R - rejected value;

EMPC - estimated maximum possible concentration; K - congener estimated maximum possible concentration.

NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 5
Honeywell
SCA Hydrogeologic Investigation
Shallow Monitoring Wells
Method 8270 Semivolatile Organic Compound Data

	Field Sample ID	SCA-0005-01	SCA-0014-01	SCA-0016-01	SCA-0016-02	SCA-0016-03	SCA-0016-04
	Location	SB915-MW-92S	SB915-MW-93S	SB915-MW-94S	SB915-MW-95S	SB915-MW-96S	SB915-MW-97S
	Sample Date	3/16/2011	9/19/2011	9/21/2011	9/21/2011	9/21/2011	9/21/2011
	Sample Depth	28-48 FT	22-32 FT	20-30 FT	26-36 FT	26-36 FT	25-35 FT
	New York State Class GA						
Parameter Name	Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
	Standards	Units					
METHYL METHANESULFONATE	NC	µg/L	5.0UJ	5.0UJ	5.0UJ	5.0UJ	5.0UJ
N-NITROSO-DI-N-PROPYLAMINE	NC	µg/L	2.0UJ	2.0U	2.0U	2.0U	2.0U
N-NITROSODI-N-BUTYLAMINE	NC	µg/L	5.0UJ	5.0UJ	5.0UJ	5.0UJ	5.0UJ
N-NITROSODIETHYLAMINE	NC	µg/L	5.0UJ	5.0U	5.0U	5.0U	5.0U
N-NITROSODIMETHYLAMINE	NC	µg/L	2.0UJ	2.0U	2.0U	2.0U	2.0U
N-NITROSODIPHENYLAMINE	50(G)	µg/L	5.0UJ	5.0U	5.0U	5.0U	5.0U
N-NITROSOMETHYLETHYLAMINE	NC	µg/L	5.0UJ	5.0UJ	5.0UJ	5.0UJ	5.0UJ
N-NITROSOPIPERIDINE	NC	µg/L	5.0UJ	5.0UJ	5.0UJ	5.0UJ	5.0UJ
N-NITROSOPYRROLIDINE	NC	µg/L	5.0UJ	5.0UJ	5.0UJ	5.0UJ	5.0UJ
N-PHENYLANILINE	NC	µg/L	5.0UJ	5.0U	5.0U	5.0U	5.0U
NAPHTHALENE	10(G)	µg/L	1.0UJ	1.0U	1.0U	1.0U	1.0U
NITROBENZENE	0.4(S)	µg/L	2.0UJ	2.0UJ	2.0UJ	2.0UJ	2.0UJ
O,O,O-TRIETHYL PHOSPHOROTHIOATE	NC	µg/L	5.0UJ	5.0U	5.0U	5.0U	5.0U
O,O-DIETHYL-O-(2-PYRAZINY)PHOSPHOROTHIOATE	NC	µg/L	5.0UJ	5.0U	5.0U	5.0U	5.0U
O-TOLUIDINE	NC	µg/L	5.0UJ	5.0U	5.0UJ	5.0UJ	5.0UJ
P-PHENYLENEDIAMINE	NC	µg/L	5.0R	5.0UJ	5.0R	5.0R	5.0R
PENTACHLOROBENZENE	NC	µg/L	5.0UJ	5.0U	5.0U	5.0U	5.0U
PENTACHLORONITROBENZENE	NC	µg/L	5.0UJ	5.0UJ	5.0UJ	5.0UJ	5.0UJ
PENTACHLOROPHENOL	1(S)	µg/L	10UJ	10U	10U	10U	10U
PHENACETIN	NC	µg/L	5.0UJ	5.0U	5.0U	5.0U	5.0U
PHENANTHRENE	50(G)	µg/L	1.0UJ	1.0U	1.0U	1.0U	1.0U
PHENOL	1(S)	µg/L	[1.4J]	2.0U	2.0U	2.0U	2.0U
PRONAMIDE	NC	µg/L	5.0UJ	5.0U	5.0U	5.0U	5.0U
PYRENE	50(G)	µg/L	1.0UJ	1.0U	1.0U	1.0U	1.0U
SAFROLE	NC	µg/L	5.0UJ	5.0U	5.0U	5.0U	5.0U

Notes:

U - Non detect; J - estimated value; R - rejected value;

EMPC - estimated maximum possible concentration; K - congenner estimated maximum possible concentration.

NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 5
Honeywell
SCA Hydrogeologic Investigation
Shallow Monitoring Wells
Method 8270 Semivolatile Organic Compound Data

Parameter Name	New York State Class GA Standards	Field Sample ID	SCA-0016-05	SCA-0019-03	SCA-0023-01	SCA-0021-02	SCA-0023-02	SCA-0019-01
		Location	SB915-MW-98S	SB915-MW-99S	SB915-MW-100S	SB915-MW-101S	SB915-MW-102S	SB915-MW-103S
		Sample Date	9/21/2011	9/22/2011	9/26/2011	9/23/2011	9/26/2011	9/22/2011
		Sample Depth	24-34 FT	22-32 FT	22-32 FT	22-32 FT	20-30 FT	68-78 FT
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Units						
[1,1-BIPHENYL]-4,4-DIAMINE, 3,3-DIMETHYL-	NC	µg/L	5.0R	5.0R	5.0R	5.0R	5.0R	5.0R
1,2,4,5-TETRACHLOROBENZENE	NC	µg/L	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U
1,2,4-TRICHLOROBENZENE	5(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
1,2-DICHLOROBENZENE	3(S)	µg/L	1.0U	[12.5]	2.3	[10.9]	[4.4]	1.0U
1,3,5-TRINITROBENZENE	NC	µg/L	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
1,3-DICHLOROBENZENE	3(S)	µg/L	1.0U	1.0U	1.3	[5.1]	1.0U	1.0U
1,3-DINITROBENZENE	NC	µg/L	5.0UJ	5.0UJ	5.0UJ	5.0UJ	5.0UJ	5.0UJ
1,4-DICHLOROBENZENE	3(S)	µg/L	1.0U	[51.1]	[39.5]	[60.8]	[6.9]	1.0U
1,4-NAPHTHOQUINONE	NC	µg/L	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
2,2'-OXYBIS(1-CHLOROPROPANE)	NC	µg/L	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U
2,3,4,6-TETRACHLOROPHENOL	NC	µg/L	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
2,4,5-TRICHLOROPHENOL	1(S)	µg/L	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
2,4,6-TRICHLOROPHENOL	1(S)	µg/L	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
2,4-DICHLOROPHENOL	1(S)	µg/L	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
2,4-DIMETHYLPHENOL	50(G)	µg/L	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
2,4-DINITROPHENOL	10(G)	µg/L	20UJ	20U	20U	20U	20U	20U
2,4-DINITROTOLUENE	5(S)	µg/L	2.0UJ	2.0U	2.0U	2.0U	2.0U	2.0U
2,6-DICHLOROPHENOL	NC	µg/L	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
2,6-DINITROTOLUENE	5(S)	µg/L	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U
2-ACETYLAMINOFLUORENE (TIC)	NC	µg/L	5.0U	5.0UJ	5.0U	5.0U	5.0U	5.0UJ
2-CHLORONAPHTHALENE	10(G)	µg/L	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U
2-CHLOROPHENOL	1(S)	µg/L	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
2-METHYLNAPHTHALENE	NC	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
2-METHYLPHENOL	1(S)	µg/L	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U
2-NAPHTHYLAMINE	NC	µg/L	5.0UJ	5.0UJ	5.0U	5.0U	5.0U	5.0UJ
2-NITROANILINE	5(S)	µg/L	5.0UJ	5.0UJ	5.0UJ	5.0UJ	5.0UJ	5.0UJ
2-NITROPHENOL	1(S)	µg/L	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
3&4-METHYLPHENOL	NC	µg/L	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U
3,3'-DICHLOROBENZIDINE	NC	µg/L	5.0U	5.0U	5.0UJ	5.0UJ	5.0UJ	5.0U
3-METHYLCHOLANTHRENE	NC	µg/L	5.0R	5.0R	5.0R	5.0R	5.0R	5.0R
3-NITROANILINE	5(S)	µg/L	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
4,6-DINITRO-2-METHYLPHENOL	1(S)	µg/L	20U	20U	20U	20U	20U	20U
4-AMINOBIIPHENYL	NC	µg/L	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
4-BROMOPHENYL PHENYL ETHER	5(S)	µg/L	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U
4-CHLORO-3-METHYLPHENOL	1(S)	µg/L	5.0UJ	5.0UJ	5.0UJ	5.0UJ	5.0UJ	5.0UJ
4-CHLOROANILINE	5(S)	µg/L	5.0UJ	5.0U	5.0U	5.0U	5.0U	5.0U
4-CHLOROPHENYL PHENYL ETHER	5(S)	µg/L	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U
4-NITROANILINE	5(S)	µg/L	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
4-NITROPHENOL	1(S)	µg/L	10U	10U	10U	10U	10U	10U
5-NITRO-O-TOLUIDINE	NC	µg/L	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U

Notes:

U - Non detect; J - estimated value; R - rejected value;

EMPC - estimated maximum possible concentration; K - congener estimated maximum possible concentration.

NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standards and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 5
Honeywell
SCA Hydrogeologic Investigation
Shallow Monitoring Wells
Method 8270 Semivolatile Organic Compound Data

Parameter Name	New York State Class GA Standards	Field Sample ID	SCA-0016-05	SCA-0019-03	SCA-0023-01	SCA-0021-02	SCA-0023-02	SCA-0019-01
		Location	SB915-MW-98S	SB915-MW-99S	SB915-MW-100S	SB915-MW-101S	SB915-MW-102S	SB915-MW-103S
		Sample Date	9/21/2011	9/22/2011	9/26/2011	9/23/2011	9/26/2011	9/22/2011
		Sample Depth	24-34 FT	22-32 FT	22-32 FT	22-32 FT	20-30 FT	68-78 FT
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Units						
7,12-DIMETHYLBENZ(A)ANTHRACENE	NC	µg/L	5.0UJ	5.0UJ	5.0UJ	5.0UJ	5.0UJ	5.0UJ
ACENAPHTHENE	20(G)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
ACENAPHTHYLENE	NC	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
ACETOPHENONE	NC	µg/L	NA	NA	NA	NA	NA	NA
ALPHA-NAPHTHYLAMINE	NC	µg/L	5.0U	5.0UJ	5.0U	5.0U	5.0U	5.0UJ
ANTHRACENE	50(G)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
BENZENAMINE, N,N-DIMETHYL-4-(PEHNYLAZO)-	NC	µg/L	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
BENZENEACETIC ACID, 4-CHLORO-ALPHA-(4-CHLOROPHENYL)-	NC	µg/L	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
BENZO(A)ANTHRACENE	0.002(G)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
BENZO(A)PYRENE	NC	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
BENZO(B)FLUORANTHENE	0.002(G)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
BENZO(G,H,I)PERYLENE	NC	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
BENZO(K)FLUORANTHENE	0.002(G)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
BENZYL ALCOHOL	NC	µg/L	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U
BIS(2-CHLOROETHOXY)METHANE	5(S)	µg/L	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U
BIS(2-CHLOROETHYL)ETHER	1(S)	µg/L	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U
BIS(2-ETHYLHEXYL)PHTHALATE	5(S)	µg/L	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U
BUTYLBENZYL PHTHALATE	50(G)	µg/L	2.0UJ	2.0UJ	2.0UJ	2.0UJ	2.0UJ	2.0UJ
CARBAMOTHIOIC ACID, BIS(1-METHYLETHYL)-S-(2,3-DICHLORO	NC	µg/L	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
CHRYSENE	0.002(G)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
DI-N-BUTYL PHTHALATE	50(S)	µg/L	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U
DI-N-OCTYL PHTHALATE	50(G)	µg/L	2.0U	2.0U	2.0UJ	2.0UJ	2.0UJ	2.0U
DIBENZO(A,H)ANTHRACENE	NC	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
DIBENZOFURAN	NC	µg/L	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
DIETHYL PHTHALATE	50(G)	µg/L	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U
DIMETHYL PHTHALATE	50(G)	µg/L	5.9	2.0U	2.0U	2.0U	2.0U	2.0U
FLUORANTHENE	50(G)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
FLUORENE	50(G)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
HEXACHLOROBENZENE	0.04(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
HEXACHLOROBUTADIENE	0.5(S)	µg/L	1.0UJ	1.0UJ	1.0UJ	1.0UJ	1.0UJ	1.0UJ
HEXACHLOROCYCLOPENTADIENE	5(S)	µg/L	20UJ	20UJ	20UJ	20UJ	20UJ	20UJ
HEXACHLOROETHANE	5(S)	µg/L	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U
HEXACHLOROPROPENE	NC	µg/L	5.0UJ	5.0UJ	5.0UJ	5.0UJ	5.0UJ	5.0UJ
INDENO(1,2,3-CD)PYRENE	0.002(G)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
ISODRIN	NC	µg/L	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
ISOPHORONE	50(G)	µg/L	2.0U	2.0U	2.0UJ	2.0UJ	2.0UJ	2.0U
ISOSAFROLE	NC	µg/L	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
KEPONE	NC	µg/L	30UJ	30UJ	30UJ	30UJ	30UJ	30UJ
METHANESULFONIC ACID, ETHYL ESTER	NC	µg/L	5.0UJ	5.0U	5.0UJ	5.0UJ	5.0UJ	5.0U
METHAPYRILENE	NC	µg/L	5.0R	5.0UJ	5.0UJ	5.0UJ	5.0UJ	5.0UJ

Notes:

U - Non detect; J - estimated value; R - rejected value;

EMPC - estimated maximum possible concentration; K - congener estimated maximum possible concentration.

NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 5
Honeywell
SCA Hydrogeologic Investigation
Shallow Monitoring Wells
Method 8270 Semivolatile Organic Compound Data

	Field Sample ID	SCA-0016-05	SCA-0019-03	SCA-0023-01	SCA-0021-02	SCA-0023-02	SCA-0019-01
	Location	SB915-MW-98S	SB915-MW-99S	SB915-MW-100S	SB915-MW-101S	SB915-MW-102S	SB915-MW-103S
	Sample Date	9/21/2011	9/22/2011	9/26/2011	9/23/2011	9/26/2011	9/22/2011
	Sample Depth	24-34 FT	22-32 FT	22-32 FT	22-32 FT	20-30 FT	68-78 FT
	New York State Class GA	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
Parameter Name	Standards	Units	Units	Units	Units	Units	Units
METHYL METHANESULFONATE	NC	µg/L	5.0UJ	5.0UJ	5.0UJ	5.0UJ	5.0UJ
N-NITROSO-DI-N-PROPYLAMINE	NC	µg/L	2.0U	2.0U	2.0U	2.0U	2.0U
N-NITROSODI-N-BUTYLAMINE	NC	µg/L	5.0UJ	5.0UJ	5.0UJ	5.0UJ	5.0UJ
N-NITROSODIETHYLAMINE	NC	µg/L	5.0U	5.0U	5.0U	5.0U	5.0U
N-NITROSODIMETHYLAMINE	NC	µg/L	2.0U	2.0U	2.0U	2.0U	2.0U
N-NITROSODIPHENYLAMINE	50(G)	µg/L	5.0U	5.0U	5.0U	5.0U	5.0U
N-NITROSOMETHYLETHYLAMINE	NC	µg/L	5.0UJ	5.0UJ	5.0UJ	5.0UJ	5.0UJ
N-NITROSOPIPERIDINE	NC	µg/L	5.0UJ	5.0UJ	5.0UJ	5.0UJ	5.0UJ
N-NITROSOPYRROLIDINE	NC	µg/L	5.0UJ	5.0UJ	5.0UJ	5.0UJ	5.0UJ
N-PHENYLANILINE	NC	µg/L	5.0U	5.0U	5.0U	5.0U	5.0U
NAPHTHALENE	10(G)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U
NITROBENZENE	0.4(S)	µg/L	2.0UJ	2.0UJ	2.0UJ	2.0UJ	2.0UJ
O,O,O-TRIETHYL PHOSPHOROTHIOATE	NC	µg/L	5.0U	5.0U	5.0U	5.0U	5.0U
O,O-DIETHYL-O-(2-PYRAZINY)PHOSPHOROTHIOATE	NC	µg/L	5.0U	5.0U	5.0U	5.0U	5.0U
O-TOLUIDINE	NC	µg/L	5.0UJ	5.0U	5.0U	5.0U	5.0U
P-PHENYLENEDIAMINE	NC	µg/L	5.0R	5.0R	5.0UJ	5.0UJ	5.0R
PENTACHLOROBENZENE	NC	µg/L	5.0U	5.0U	5.0U	5.0U	5.0U
PENTACHLORONITROBENZENE	NC	µg/L	5.0UJ	5.0UJ	5.0UJ	5.0UJ	5.0UJ
PENTACHLOROPHENOL	1(S)	µg/L	10U	10U	10U	10U	10U
PHENACETIN	NC	µg/L	5.0U	5.0U	5.0U	5.0U	5.0U
PHENANTHRENE	50(G)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U
PHENOL	1(S)	µg/L	2.0U	2.0U	2.0U	[6.9]	2.0U
PRONAMIDE	NC	µg/L	5.0U	5.0U	5.0U	5.0U	5.0U
PYRENE	50(G)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U
SAFROLE	NC	µg/L	5.0U	5.0U	5.0U	5.0U	5.0U

Notes:

U - Non detect; J - estimated value; R - rejected value;

EMPC - estimated maximum possible concentration; K - congener estimated maximum possible concentration.

NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 5
Honeywell
SCA Hydrogeologic Investigation
Shallow Monitoring Wells
Method 8270 Semivolatile Organic Compound Data

Parameter Name	New York State Class GA Standards	Field Sample ID	SCA-0001-01	SCA-0004-01
		Location	SB915-WB-02U	SB915-WB-04U
		Sample Date	3/10/2011	3/15/2011
		Sample Depth	33-43 FT	28.8-38.8 FT
		Sample Purpose	Regular sample	Regular sample
		Units		
[1,1-BIPHENYL]-4,4-DIAMINE, 3,3-DIMETHYL-	NC	µg/L	5.0UJ	5.0UJ
1,2,4,5-TETRACHLOROBENZENE	NC	µg/L	2.0U	2.0U
1,2,4-TRICHLOROBENZENE	5(S)	µg/L	1.0U	1.0U
1,2-DICHLOROBENZENE	3(S)	µg/L	1.0U	[11.0]
1,3,5-TRINITROBENZENE	NC	µg/L	5.0U	5.0U
1,3-DICHLOROBENZENE	3(S)	µg/L	1.0U	0.76J
1,3-DINITROBENZENE	NC	µg/L	5.0U	5.0U
1,4-DICHLOROBENZENE	3(S)	µg/L	1.0U	[18.0]
1,4-NAPHTHOQUINONE	NC	µg/L	5.0U	5.0U
2,2'-OXYBIS(1-CHLOROPROPANE)	NC	µg/L	2.0U	2.0U
2,3,4,6-TETRACHLOROPHENOL	NC	µg/L	5.0U	5.0U
2,4,5-TRICHLOROPHENOL	1(S)	µg/L	5.0U	5.0U
2,4,6-TRICHLOROPHENOL	1(S)	µg/L	5.0U	5.0U
2,4-DICHLOROPHENOL	1(S)	µg/L	5.0U	5.0U
2,4-DIMETHYLPHENOL	50(G)	µg/L	5.0U	5.0U
2,4-DINITROPHENOL	10(G)	µg/L	20U	20U
2,4-DINITROTOLUENE	5(S)	µg/L	2.0U	2.0U
2,6-DICHLOROPHENOL	NC	µg/L	5.0U	5.0U
2,6-DINITROTOLUENE	5(S)	µg/L	2.0U	2.0U
2-ACETYLAMINOFLUORENE (TIC)	NC	µg/L	5.0U	5.0U
2-CHLORONAPHTHALENE	10(G)	µg/L	2.0U	2.0U
2-CHLOROPHENOL	1(S)	µg/L	5.0U	5.0U
2-METHYLNAPHTHALENE	NC	µg/L	1.0U	1.0U
2-METHYLPHENOL	1(S)	µg/L	2.0U	2.0U
2-NAPHTHYLAMINE	NC	µg/L	5.0U	5.0U
2-NITROANILINE	5(S)	µg/L	5.0U	5.0U
2-NITROPHENOL	1(S)	µg/L	5.0U	5.0U
3&4-METHYLPHENOL	NC	µg/L	2.0U	2.0U
3,3'-DICHLOROBENZIDINE	NC	µg/L	5.0U	5.0U
3-METHYLCHOLANTHRENE	NC	µg/L	5.0U	5.0U
3-NITROANILINE	5(S)	µg/L	5.0U	5.0U
4,6-DINITRO-2-METHYLPHENOL	1(S)	µg/L	20U	20U
4-AMINOBIIPHENYL	NC	µg/L	5.0UJ	5.0UJ
4-BROMOPHENYL PHENYL ETHER	5(S)	µg/L	2.0U	2.0U
4-CHLORO-3-METHYLPHENOL	1(S)	µg/L	5.0U	5.0U
4-CHLOROANILINE	5(S)	µg/L	5.0U	5.0U
4-CHLOROPHENYL PHENYL ETHER	5(S)	µg/L	2.0U	2.0U
4-NITROANILINE	5(S)	µg/L	5.0U	5.0U
4-NITROPHENOL	1(S)	µg/L	10UJ	10UJ
5-NITRO-O-TOLUIDINE	NC	µg/L	5.0U	5.0U

Notes:

U - Non detect; J - estimated value; R - rejected value;

EMPC - estimated maximum possible concentration; K - congener estimated maximum possible concentration.

NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 5
Honeywell
SCA Hydrogeologic Investigation
Shallow Monitoring Wells
Method 8270 Semivolatile Organic Compound Data

Parameter Name	New York State Class GA Standards	Field Sample ID	SCA-0001-01	SCA-0004-01
		Location	SB915-WB-02U	SB915-WB-04U
		Sample Date	3/10/2011	3/15/2011
		Sample Depth	33-43 FT	28.8-38.8 FT
		Sample Purpose	Regular sample	Regular sample
		Units		
7,12-DIMETHYLBENZ(A)ANTHRACENE	NC	µg/L	5.0U	5.0U
ACENAPHTHENE	20(G)	µg/L	1.0U	1.0U
ACENAPHTHYLENE	NC	µg/L	1.0U	1.0U
ACETOPHENONE	NC	µg/L	2.0U	2.0U
ALPHA-NAPHTHYLAMINE	NC	µg/L	5.0U	5.0U
ANTHRACENE	50(G)	µg/L	1.0U	1.0U
BENZENAMINE, N,N-DIMETHYL-4-(PEHNYLAZO)-	NC	µg/L	5.0U	5.0U
BENZENEACETIC ACID, 4-CHLORO-ALPHA-(4-CHLOROPHENYL)-	NC	µg/L	5.0UJ	5.0UJ
BENZO(A)ANTHRACENE	0.002(G)	µg/L	1.0U	1.0U
BENZO(A)PYRENE	NC	µg/L	1.0U	1.0U
BENZO(B)FLUORANTHENE	0.002(G)	µg/L	1.0U	1.0U
BENZO(G,H,I)PERYLENE	NC	µg/L	1.0U	1.0U
BENZO(K)FLUORANTHENE	0.002(G)	µg/L	1.0U	1.0U
BENZYL ALCOHOL	NC	µg/L	2.0U	2.0U
BIS(2-CHLOROETHOXY)METHANE	5(S)	µg/L	2.0U	2.0U
BIS(2-CHLOROETHYL)ETHER	1(S)	µg/L	2.0U	2.0U
BIS(2-ETHYLHEXYL)PHTHALATE	5(S)	µg/L	2.0U	2.0U
BUTYLBENZYL PHTHALATE	50(G)	µg/L	2.0U	2.0U
CARBAMOTHIOIC ACID, BIS(1-METHYLETHYL)-S-(2,3-DICHLORO	NC	µg/L	5.0U	5.0U
CHRYSENE	0.002(G)	µg/L	1.0U	1.0U
DI-N-BUTYL PHTHALATE	50(S)	µg/L	2.0U	2.0U
DI-N-OCTYL PHTHALATE	50(G)	µg/L	2.0U	2.0U
DIBENZO(A,H)ANTHRACENE	NC	µg/L	1.0U	1.0U
DIBENZOFURAN	NC	µg/L	5.0U	5.0U
DIETHYL PHTHALATE	50(G)	µg/L	2.0U	2.0U
DIMETHYL PHTHALATE	50(G)	µg/L	2.0U	2.0U
FLUORANTHENE	50(G)	µg/L	1.0U	1.0U
FLUORENE	50(G)	µg/L	1.0U	1.0U
HEXACHLOROBENZENE	0.04(S)	µg/L	1.0U	1.0U
HEXACHLOROBUTADIENE	0.5(S)	µg/L	1.0U	1.0U
HEXACHLOROCYCLOPENTADIENE	5(S)	µg/L	20U	20U
HEXACHLOROETHANE	5(S)	µg/L	2.0U	2.0U
HEXACHLOROPROPENE	NC	µg/L	5.0U	5.0U
INDENO(1,2,3-CD)PYRENE	0.002(G)	µg/L	1.0U	1.0U
ISODRIN	NC	µg/L	5.0U	5.0U
ISOPHORONE	50(G)	µg/L	2.0U	2.0U
ISOSAFROLE	NC	µg/L	5.0U	5.0U
KEPONE	NC	µg/L	30UJ	30UJ
METHANESULFONIC ACID, ETHYL ESTER	NC	µg/L	5.0U	5.0U
METHAPYRILENE	NC	µg/L	5.0UJ	5.0UJ

Notes:

U - Non detect; J - estimated value; R - rejected value;

EMPC - estimated maximum possible concentration; K - congener estimated maximum possible concentration.

NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 5
Honeywell
SCA Hydrogeologic Investigation
Shallow Monitoring Wells
Method 8270 Semivolatile Organic Compound Data

Parameter Name	New York State Class GA Standards	Field Sample ID	SCA-0001-01	SCA-0004-01
		Location	SB915-WB-02U	SB915-WB-04U
		Sample Date	3/10/2011	3/15/2011
		Sample Depth	33-43 FT	28.8-38.8 FT
		Sample Purpose	Regular sample	Regular sample
		Units		
METHYL METHANESULFONATE	NC	µg/L	5.0U	5.0U
N-NITROSO-DI-N-PROPYLAMINE	NC	µg/L	2.0UJ	2.0UJ
N-NITROSODI-N-BUTYLAMINE	NC	µg/L	5.0U	5.0U
N-NITROSODIETHYLAMINE	NC	µg/L	5.0U	5.0U
N-NITROSODIMETHYLAMINE	NC	µg/L	2.0U	2.0U
N-NITROSODIPHENYLAMINE	50(G)	µg/L	5.0U	5.0U
N-NITROSOMETHYLETHYLAMINE	NC	µg/L	5.0U	5.0U
N-NITROSOPIPERIDINE	NC	µg/L	5.0U	5.0U
N-NITROSOPYRROLIDINE	NC	µg/L	5.0U	5.0U
N-PHENYLANILINE	NC	µg/L	5.0U	5.0U
NAPHTHALENE	10(G)	µg/L	1.0U	1.0U
NITROBENZENE	0.4(S)	µg/L	2.0U	2.0U
O,O,O-TRIETHYL PHOSPHOROTHIOATE	NC	µg/L	5.0U	5.0U
O,O-DIETHYL-O-(2-PYRAZINY)PHOSPHOROTHIOATE	NC	µg/L	5.0U	5.0U
O-TOLUIDINE	NC	µg/L	5.0UJ	5.0UJ
P-PHENYLENEDIAMINE	NC	µg/L	5.0UJ	5.0UJ
PENTACHLOROBENZENE	NC	µg/L	5.0U	5.0U
PENTACHLORONITROBENZENE	NC	µg/L	5.0UJ	5.0UJ
PENTACHLOROPHENOL	1(S)	µg/L	10U	10U
PHENACETIN	NC	µg/L	5.0UJ	5.0UJ
PHENANTHRENE	50(G)	µg/L	1.0U	1.0U
PHENOL	1(S)	µg/L	2.0U	2.0U
PRONAMIDE	NC	µg/L	5.0U	5.0U
PYRENE	50(G)	µg/L	1.0U	1.0U
SAFROLE	NC	µg/L	5.0U	5.0U

Notes:

U - Non detect; J - estimated value; R - rejected value;

EMPC - estimated maximum possible concentration; K - congeners estimated maximum possible concentration.

NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 6
Honeywell
SCA Hydrogeologic Investigation
Shallow Monitoring Wells
Method 8081/8141/8151 Pesticide and Herbicide Data

Parameter Name	New York State Class GA Standards	Field Sample ID	SCA-0025-01	SCA-0002-01	SCA-0003-01	SCA-0021-01	SCA-0006-02	SCA-0006-01
		Location	SB915-MW-87S	SB915-MW-88S	SB915-MW-89S	SB915-MW-90S	SB915-MW-91SN	SB915-MW-91S
		Sample Date	9/27/2011	3/11/2011	3/14/2011	9/23/2011	3/17/2011	3/17/2011
		Sample Depth	25-35 FT	25-35 FT	22-32 FT	22-32 FT	78-88 FT	21-41 FT
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
	Units							
4,4'-DDD	0.3(S)	µg/L	0.010UJ	0.020U	0.020U	0.011U	0.020U	0.020U
4,4'-DDE	0.2(S)	µg/L	0.010UJ	0.020U	0.020U	0.011U	0.020U	0.020U
4,4'-DDT	0.2(S)	µg/L	0.010UJ	0.020U	0.020U	0.011U	0.020U	0.020U
ALDRIN	NC	µg/L	0.010UJ	0.020U	0.020U	0.011U	0.020U	0.020U
ALPHA-BHC	0.01(S)	µg/L	0.010UJ	0.020U	0.020U	0.011U	0.020U	0.020U
ALPHA-CHLORDANE	NC	µg/L	0.010UJ	0.020U	0.020U	0.011U	0.020U	0.020U
BETA-BHC	0.04(S)	µg/L	0.010UJ	0.020U	0.020U	0.011U	0.020U	0.020U
BETA-CHLORDANE	NC	µg/L	0.010UJ	0.020U	0.020U	0.011U	0.020U	0.020U
CONSTITUENTS OF CHLORDANE (ALPHA, BETA, AND GAMMA)	NC	µg/L	0.50UJ	0.50U	0.50U	0.54U	0.50U	0.50U
DELTA-BHC	0.04(S)	µg/L	0.010UJ	0.020U	0.020U	0.011U	0.020U	0.020U
DIELDRIN	0.004(S)	µg/L	0.010UJ	0.020U	0.020U	0.011U	0.020U	0.020U
ENDOSULFAN I	NC	µg/L	0.010UJ	0.020U	0.020U	0.011U	0.020U	0.020U
ENDOSULFAN II	NC	µg/L	0.010UJ	0.020U	0.020U	0.011U	0.020U	0.020U
ENDOSULFAN SULFATE	NC	µg/L	0.010UJ	0.020U	0.020U	0.011U	0.020U	0.020U
ENDRIN	NC	µg/L	0.010UJ	0.020U	0.020U	0.011U	0.020U	0.020U
ENDRIN ALDEHYDE	0.5(S)	µg/L	0.010UJ	0.020U	0.020U	0.011U	0.020U	0.020U
ENDRIN KETONE	NC	µg/L	0.010UJ	0.020U	0.020U	0.011U	0.020U	0.020U
GAMMA-BHC (LINDANE)	NC	µg/L	0.010UJ	0.020U	0.020U	0.011U	0.020U	0.020U
HEPTACHLOR	0.04(S)	µg/L	0.010UJ	0.020U	0.020U	0.011U	0.020U	0.020U
HEPTACHLOR EPOXIDE	0.03(S)	µg/L	0.010UJ	0.020U	0.020U	0.011U	0.020U	0.020U
METHOXYCHLOR	35(S)	µg/L	0.020UJ	0.020U	0.020U	0.022U	0.020U	0.020U
TOXAPHENE	0.09(S)	µg/L	0.25UJ	0.25U	0.25U	0.27U	0.25U	0.25U
DISULFOTON	NC	µg/L	2.0U	2.0U	2.0U	2.0U	2.0U	2.0UJ
ETHYL PARATHION	NC	µg/L	2.0U	2.0U	2.0U	2.0U	2.0U	2.0UJ
FAMPHUR	NC	µg/L	2.0U	2.0U	2.0U	2.0U	2.0UJ	2.0UJ
METHYL PARATHION	NC	µg/L	2.0UJ	2.0U	2.0U	2.0U	2.0U	2.0UJ
PHORATE	NC	µg/L	2.0U	2.0U	2.0U	2.0U	2.0U	2.0UJ
PHOSPHORODITHIOIC ACID, O,O-DIMETHYL S-[2-(METHYLAMINO)-	NC	µg/L	2.0UJ	2.0U	2.0U	2.0U	2.0U	2.0UJ
2,4,5-T	NC	µg/L	0.10U	0.10U	0.10U	0.11U	0.10U	0.10U
2,4,5-TP (SILVEX)	NC	µg/L	0.10U	0.10U	0.10U	0.11U	0.10U	0.10U
2,4-D	NC	µg/L	0.50U	0.50U	0.50U	0.54U	0.50U	0.50U
DINOSEB	NC	µg/L	0.50U	0.50U	0.50U	0.54U	0.50U	0.50U

Notes:

U - Non detect; J - estimated value; R - rejected value;

EMPC - estimated maximum possible concentration; K - congener estimated maximum possible concentration.

NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 6
Honeywell
SCA Hydrogeologic Investigation
Shallow Monitoring Wells
Method 8081/8141/8151 Pesticide and Herbicide Data

Parameter Name	New York State Class GA Standards	Field Sample ID	SCA-0005-01	SCA-0014-01	SCA-0016-01	SCA-0016-02	SCA-0016-03	SCA-0016-04
		Location	SB915-MW-92S	SB915-MW-93S	SB915-MW-94S	SB915-MW-95S	SB915-MW-96S	SB915-MW-97S
		Sample Date	3/16/2011	9/19/2011	9/21/2011	9/21/2011	9/21/2011	9/21/2011
		Sample Depth	28-48 FT	22-32 FT	20-30 FT	26-36 FT	26-36 FT	25-35 FT
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
	Units							
4,4'-DDD	0.3(S)	µg/L	0.020U	0.010U	0.010U	0.010U	0.010U	0.010U
4,4'-DDE	0.2(S)	µg/L	0.020U	0.010U	0.010U	0.010U	0.010U	0.010U
4,4'-DDT	0.2(S)	µg/L	0.020U	0.010U	0.010U	0.010U	0.010U	0.010U
ALDRIN	NC	µg/L	0.020U	0.010U	0.010U	0.010U	0.010U	0.010U
ALPHA-BHC	0.01(S)	µg/L	0.020U	0.010U	0.010U	0.010U	0.010U	0.010U
ALPHA-CHLORDANE	NC	µg/L	0.020U	0.010U	0.010U	0.010U	0.010U	0.010U
BETA-BHC	0.04(S)	µg/L	0.020U	0.010U	0.010U	0.010U	0.010U	0.010U
BETA-CHLORDANE	NC	µg/L	0.020U	0.010U	0.010U	0.010U	0.010U	0.010U
CONSTITUENTS OF CHLORDANE (ALPHA, BETA, AND GAMMA)	NC	µg/L	0.50U	0.50U	0.50U	0.50U	0.50U	0.50U
DELTA-BHC	0.04(S)	µg/L	0.020U	0.010U	0.010U	0.010U	0.010U	0.010U
DIELDRIN	0.004(S)	µg/L	0.020U	0.010U	0.010U	0.010U	0.010U	0.010U
ENDOSULFAN I	NC	µg/L	0.020U	0.010U	0.010U	0.010U	0.010U	0.010U
ENDOSULFAN II	NC	µg/L	0.020U	0.010U	0.010U	0.010U	0.010U	0.010U
ENDOSULFAN SULFATE	NC	µg/L	0.020U	0.010U	0.010U	0.010U	0.010U	0.010U
ENDRIN	NC	µg/L	0.020U	0.010U	0.010U	0.010U	0.010U	0.010U
ENDRIN ALDEHYDE	0.5(S)	µg/L	0.020U	0.010U	0.010U	0.010U	0.010U	0.010U
ENDRIN KETONE	NC	µg/L	0.020U	0.010U	0.010U	0.010U	0.010U	0.010U
GAMMA-BHC (LINDANE)	NC	µg/L	0.020U	0.010U	0.010U	0.010U	0.010U	0.010U
HEPTACHLOR	0.04(S)	µg/L	0.020U	0.010U	0.010U	0.010U	0.010U	0.010U
HEPTACHLOR EPOXIDE	0.03(S)	µg/L	0.020U	0.010U	0.010U	0.010U	0.010U	0.010U
METHOXYCHLOR	35(S)	µg/L	0.020U	0.020U	0.020U	0.020U	0.020U	0.020U
TOXAPHENE	0.09(S)	µg/L	0.25U	0.25U	0.25U	0.25U	0.25U	0.25U
DISULFOTON	NC	µg/L	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U
ETHYL PARATHION	NC	µg/L	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U
FAMPHUR	NC	µg/L	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U
METHYL PARATHION	NC	µg/L	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U
PHORATE	NC	µg/L	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U
PHOSPHORODITHIOIC ACID, O,O-DIMETHYL S-[2-(METHYLAMINO)-	NC	µg/L	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U
2,4,5-T	NC	µg/L	0.10U	0.10U	0.10U	0.10U	0.10U	0.10U
2,4,5-TP (SILVEX)	NC	µg/L	0.10U	0.10U	0.10U	0.10U	0.10U	0.10U
2,4-D	NC	µg/L	0.50U	0.50U	0.50U	0.50U	0.50U	0.50U
DINOSEB	NC	µg/L	0.50U	0.50U	0.50U	0.50U	0.50U	0.50U

Notes:

U - Non detect; J - estimated value; R - rejected value;

EMPC - estimated maximum possible concentration; K - congener estimated maximum possible concentration.

NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 6
Honeywell
SCA Hydrogeologic Investigation
Shallow Monitoring Wells
Method 8081/8141/8151 Pesticide and Herbicide Data

Parameter Name	New York State Class GA Standards	Field Sample ID	SCA-0016-05	SCA-0019-03	SCA-0023-01	SCA-0021-02	SCA-0023-02	SCA-0019-01
		Location	SB915-MW-98S	SB915-MW-99S	SB915-MW-100S	SB915-MW-101S	SB915-MW-102S	SB915-MW-103S
		Sample Date	9/21/2011	9/22/2011	9/26/2011	9/23/2011	9/26/2011	9/22/2011
		Sample Depth	24-34 FT	22-32 FT	22-32 FT	22-32 FT	20-30 FT	68-78 FT
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Units						
4,4'-DDD	0.3(S)	µg/L	0.010U	0.010U	0.010U	0.010U	0.010U	0.010U
4,4'-DDE	0.2(S)	µg/L	0.010U	0.010U	0.010U	0.010U	0.010U	0.010U
4,4'-DDT	0.2(S)	µg/L	0.010U	0.010U	0.010U	0.010U	0.010U	0.010U
ALDRIN	NC	µg/L	0.010U	0.010U	0.010U	0.010U	0.010U	0.010U
ALPHA-BHC	0.01(S)	µg/L	0.010U	0.010U	0.010U	0.010U	0.010U	0.010U
ALPHA-CHLORDANE	NC	µg/L	0.010U	0.010U	0.010U	0.010U	0.010U	0.010U
BETA-BHC	0.04(S)	µg/L	0.010U	0.010U	0.010U	0.010U	0.010U	0.010U
BETA-CHLORDANE	NC	µg/L	0.010U	0.010U	0.010U	0.010U	0.010U	0.010U
CONSTITUENTS OF CHLORDANE (ALPHA, BETA, AND GAMMA)	NC	µg/L	0.50U	0.50U	0.50U	0.50U	0.50U	0.50U
DELTA-BHC	0.04(S)	µg/L	0.010U	0.010U	0.010U	0.010U	0.010U	0.010U
DIELDRIN	0.004(S)	µg/L	0.010U	0.010U	0.010U	0.010U	0.010U	0.010U
ENDOSULFAN I	NC	µg/L	0.010U	0.010U	0.010U	0.010U	0.010U	0.010U
ENDOSULFAN II	NC	µg/L	0.010U	0.010U	0.010U	0.010U	0.010U	0.010U
ENDOSULFAN SULFATE	NC	µg/L	0.010U	0.010U	0.010U	0.010U	0.010U	0.010U
ENDRIN	NC	µg/L	0.010U	0.010U	0.010U	0.010U	0.010U	0.010U
ENDRIN ALDEHYDE	0.5(S)	µg/L	0.010U	0.010U	0.010U	0.010U	0.010U	0.010U
ENDRIN KETONE	NC	µg/L	0.010U	0.010U	0.010U	0.010U	0.010U	0.010U
GAMMA-BHC (LINDANE)	NC	µg/L	0.010U	0.010U	0.010U	0.010U	0.010U	0.010U
HEPTACHLOR	0.04(S)	µg/L	0.010U	0.010U	0.010U	0.010U	0.010U	0.010U
HEPTACHLOR EPOXIDE	0.03(S)	µg/L	0.010U	0.010U	0.010U	0.010U	0.010U	0.010U
METHOXYCHLOR	35(S)	µg/L	0.020U	0.020U	0.020U	0.020U	0.020U	0.020U
TOXAPHENE	0.09(S)	µg/L	0.25U	0.25U	0.25U	0.25U	0.25U	0.25U
DISULFOTON	NC	µg/L	2.0U	2.0U	2.2U	2.2U	2.2U	2.0U
ETHYL PARATHION	NC	µg/L	2.0U	2.0U	2.2U	2.2U	2.2U	2.0U
FAMPHUR	NC	µg/L	2.0U	2.0U	2.2U	2.2U	2.2U	2.0U
METHYL PARATHION	NC	µg/L	2.0U	2.0U	2.2U	2.2U	2.2U	2.0U
PHORATE	NC	µg/L	2.0U	2.0U	2.2U	2.2U	2.2U	2.0U
PHOSPHORODITHIOIC ACID, O,O-DIMETHYL S-[2-(METHYLAMINO)-	NC	µg/L	2.0U	2.0U	2.2U	2.2U	2.2U	2.0U
2,4,5-T	NC	µg/L	0.10U	0.10U	0.10U	0.10U	0.10U	0.10U
2,4,5-TP (SILVEX)	NC	µg/L	0.10U	0.10U	0.10U	0.10U	0.10U	0.10U
2,4-D	NC	µg/L	0.50U	0.50U	0.50U	0.50U	0.50U	0.50U
DINOSEB	NC	µg/L	0.50U	0.50U	0.50U	0.50U	0.50U	0.50U

Notes:

U - Non detect; J - estimated value; R - rejected value;

EMPC - estimated maximum possible concentration; K - congener estimated maximum possible concentration.

NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 6
Honeywell
SCA Hydrogeologic Investigation
Shallow Monitoring Wells
Method 8081/8141/8151 Pesticide and Herbicide Data

Parameter Name	New York State Class GA Standards	Field Sample ID	SCA-0001-01	SCA-0004-01
		Location	SB915-WB-02U	SB915-WB-04U
		Sample Date	3/10/2011	3/15/2011
		Sample Depth	33-43 FT	28.8-38.8 FT
		Sample Purpose	Regular sample	Regular sample
		Units		
4,4'-DDD	0.3(S)	µg/L	0.020U	0.021U
4,4'-DDE	0.2(S)	µg/L	0.020U	0.021U
4,4'-DDT	0.2(S)	µg/L	0.020U	0.021U
ALDRIN	NC	µg/L	0.020U	0.021U
ALPHA-BHC	0.01(S)	µg/L	0.020U	0.021U
ALPHA-CHLORDANE	NC	µg/L	0.020U	0.021U
BETA-BHC	0.04(S)	µg/L	0.020U	0.021U
BETA-CHLORDANE	NC	µg/L	0.020U	0.021U
CONSTITUENTS OF CHLORDANE (ALPHA, BETA, AND GAMMA)	NC	µg/L	0.50U	0.53U
DELTA-BHC	0.04(S)	µg/L	0.020U	0.021U
DIELDRIN	0.004(S)	µg/L	0.020U	0.021U
ENDOSULFAN I	NC	µg/L	0.020U	0.021U
ENDOSULFAN II	NC	µg/L	0.020U	0.021U
ENDOSULFAN SULFATE	NC	µg/L	0.020U	0.021U
ENDRIN	NC	µg/L	0.020U	0.021U
ENDRIN ALDEHYDE	0.5(S)	µg/L	0.020U	0.021U
ENDRIN KETONE	NC	µg/L	0.020U	0.021U
GAMMA-BHC (LINDANE)	NC	µg/L	0.020U	0.021U
HEPTACHLOR	0.04(S)	µg/L	0.020U	0.021U
HEPTACHLOR EPOXIDE	0.03(S)	µg/L	0.020U	0.021U
METHOXYCHLOR	35(S)	µg/L	0.020U	0.021U
TOXAPHENE	0.09(S)	µg/L	0.25U	0.26U
DISULFOTON	NC	µg/L	2.0UJ	2.0U
ETHYL PARATHION	NC	µg/L	2.0UJ	2.0U
FAMPHUR	NC	µg/L	2.0UJ	2.0U
METHYL PARATHION	NC	µg/L	2.0UJ	2.0U
PHORATE	NC	µg/L	2.0UJ	2.0U
PHOSPHORODITHIOIC ACID, O,O-DIMETHYL S-[2-(METHYLAMINO)-	NC	µg/L	2.0UJ	2.0U
2,4,5-T	NC	µg/L	0.10U	0.10U
2,4,5-TP (SILVEX)	NC	µg/L	0.10U	0.10U
2,4-D	NC	µg/L	0.50U	0.52U
DINOSEB	NC	µg/L	0.50U	0.52U

Notes:

U - Non detect; J - estimated value; R - rejected value;

EMPC - estimated maximum possible concentration; K - congener estimated maximum possible concentration.

NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 7
Honeywell
SCA Hydrogeologic Investigation
Shallow Monitoring Wells
Method 1668B High Resolution PCBs Data

Parameter Name	New York State Class GA Standards	Field Sample ID Location Sample Date Sample Depth Sample Purpose Units	SCA-0025-01	SCA-0002-01	SCA-0003-01	SCA-0021-01	SCA-0006-02	SCA-0006-01
			SB915-MW-87S	SB915-MW-88S	SB915-MW-89S	SB915-MW-90S	SB915-MW-91SN	SB915-MW-91S
			Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
TOTALS								
TOTAL DECACB	NC	pg/L	11.6UJ	0.845U	1.24U	2.93U	1.89U	6.83U
TOTAL DICHLOROBIPHENYLS	NC	pg/L	5500J	73.9U	130U	9800J	232U	258U
TOTAL HEPTACB	NC	pg/L	9.13U	32.0U	32.0U	32.1	46.0U	18.6U
TOTAL HEXACB	NC	pg/L	86.6	87.8U	104U	197	104U	49.0U
TOTAL MONOCB	NC	pg/L	65.2J	4.94U	5.07U	87.4J	20.4U	66.5J
TOTAL NONACHLOROBIPHENYLS	NC	pg/L	18.7UJ	2.41U	2.20U	8.74U	10.6	35
TOTAL OCTACB	NC	pg/L	9.40U	7.02	2.74U	5.11U	14.3	30.1
TOTAL PENTACB	NC	pg/L	1720	140U	209U	3180	179U	125UJ
TOTAL TETRACB	NC	pg/L	16000J	218U	627	26500	228U	298U
TOTAL TRICB	NC	pg/L	26800J	197U	724	50600J	169U	371U
CALCULATED TOTAL PCBs (post validation)	90000	pg/L	50171.8	7.02	1351	[90396.5]	24.9	131.6
TOTAL PCBs (lab reported prior to validation)	90000	pg/L	50100	761	1840	[90400]	1000	1260
CONGENERS								
10-DiCB	NC	pg/L	28.7U	10.1U	10.3U	119	0.995K	3.90K
109-PeCB	NC	pg/L	12.5K	10.1U	10.3U	22.2	10.1U	10.2U
112-PeCB	NC	pg/L	15.1U	10.1U	10.3U	15.1U	10.1U	10.2U
142-HxCB	NC	pg/L	21.2U	10.1U	10.3U	13.9U	10.1U	10.2U
143-HxCB	NC	pg/L	18.6U	10.1U	10.3U	12.8U	10.1U	10.2U
160-HxCB	NC	pg/L	16.2U	10.1U	10.3U	10.9U	10.1U	10.2U
161-HxCB	NC	pg/L	14.5U	10.1U	10.3U	10.9U	10.1U	10.2U
162-HxCB	NC	pg/L	10.3U	10.1U	10.3U	10.9U	10.1U	10.2U
164-HxCB	NC	pg/L	14.5U	10.1U	10.3U	10.9U	10.1U	10.2U
165-HxCB	NC	pg/L	15.8U	2.61K	2.71K	10.9U	10.1U	10.2U
2,2',3,3',4,4',5,5',6-NONACHLOROBIPHENYL	NC	pg/L	18.7U	10.1U	10.3U	10.9U	8.12J	24.6
2,2',3,3',4,4',6-HEPTACHLOROBIPHENYL	NC	pg/L	20.6U	20.3U	20.6U	21.8U	2.11J	20.4U
2,2',3,3',4,5',6,6'-OCTACHLOROBIPHENYL	NC	pg/L	10.3U	10.1U	10.3U	10.9U	10.1U	0.977K
2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	NC	pg/L	10.3U	6.70J	8.16J	10.7K	9.10J	5.20J
2,2',3,4,4',5',6-HEPTACHLOROBIPHENYL	NC	pg/L	20.6U	3.55J	3.50K	21.8U	4.36K	20.4U
2,2',3,4,4',5-HEXACHLOROBIPHENYL	NC	pg/L	20.3U	10.1U	10.3U	12.3U	10.1U	10.2U
2,2',3,4,5,5'-HEXACHLOROBIPHENYL	NC	pg/L	19.5U	4.06J	5.62K	12.2U	4.24J	2.49K
2,2',3,5'-TETRACHLOROBIPHENYL	NC	pg/L	1930	31.5	90.3	3210	34.7K	43.1
2,2',4,4',5,5'-HEXACHLOROBIPHENYL	NC	pg/L	108	10.2	6.32K	223	16.8	8.89J
2,2',4,4',5,6'-HEXACHLOROBIPHENYL	NC	pg/L	10.3U	10.1U	10.3U	10.9U	10.1U	10.2U
2,2',5-TRICHLOROBIPHENYL	NC	pg/L	3280	33.8	102	6630	27.7	67.3
2,3',4,4'-TETRACHLOROBIPHENYL	NC	pg/L	630	3.36J	12.9	1070	4.14J	6.97K
2,3,3',4',6-PENTACHLOROBIPHENYL	NC	pg/L	274	18.7J	27.4	475	23	15.7J
2,3-DICHLOROBIPHENYL	NC	pg/L	69.0K	10.1U	1.80K	100K	2.31K	5.22J
2,4',5-TRICHLOROBIPHENYL	NC	pg/L	4360	30.7	119	7930	27.8B	58.4B
2-CHLOROBIPHENYL	NC	pg/L	40.1K	4.94K	5.07K	49.2	10.7K	54.8

Notes:

U - Non detect; J - estimated value; R - rejected value;

EMPC - estimated maximum possible concentration; K - congener estimated maximum possible concentration.

NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 7
Honeywell
SCA Hydrogeologic Investigation
Shallow Monitoring Wells
Method 1668B High Resolution PCBs Data

Parameter Name	New York State Class GA Standards	Field Sample ID	SCA-0025-01	SCA-0002-01	SCA-0003-01	SCA-0021-01	SCA-0006-02	SCA-0006-01
		Location	SB915-MW-875	SB915-MW-88S	SB915-MW-89S	SB915-MW-90S	SB915-MW-91SN	SB915-MW-91S
		Sample Date	9/27/2011	3/11/2011	3/14/2011	9/23/2011	3/17/2011	3/17/2011
		Sample Depth	25-35 FT	25-35 FT	22-32 FT	22-32 FT	78-88 FT	21-41 FT
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Units						
203-OcCB	NC	pg/L	10.3U	0.972K	10.3U	10.9U	3.41K	7.45J
21-TrCB C33	NC	pg/L	2810	14.3J	81.2	4800	15.0J	36.2
59-TeCB C62/75	NC	pg/L	243	3.72J	12.1J	371	30.3U	4.92J
64-TeCB	NC	pg/L	898	10.2	33	1470	9.93K	15.2
72-TeCB	NC	pg/L	14.8U	10.1U	10.3U	12.4	10.1U	10.2U
98-PeCB C102	NC	pg/L	24.2K	20.3U	20.6U	31.8K	20.2U	20.4U
PCB 118	NC	pg/L	174	14.7	20.1	224	16.0K	13.2
PCB 153	NC	pg/L	28.5K	17.2J	18.5J	36.5K	20.9	8.73J
PCB 209	NC	pg/L	11.6U	10.1U	1.24J	10.9U	1.89J	6.83J
PCB 52	NC	pg/L	1790	46.0B	115B	2780	50.1B	59.5B
PCB-103	NC	pg/L	18.0U	10.1U	10.3U	19.2U	10.1U	10.2U
PCB-104	NC	pg/L	13.7U	10.1U	10.3U	10.9U	10.1U	10.2U
PCB-105	NC	pg/L	105K	6.08K	9.13J	160	7.62J	11.2K
PCB-106/118	NC	pg/L	10.3U	10.1U	10.3U	14.8U	10.1U	10.2U
PCB-107/109	NC	pg/L	20.6U	20.3U	20.6U	21.8U	20.2U	20.4U
PCB-11	NC	pg/L	48.3K	20.3B	23.8B	37.8U	166B	71.2B
PCB-111/115	NC	pg/L	15.6U	10.1U	10.3U	16.1U	10.1U	10.2U
PCB-114	NC	pg/L	10.3U	10.1U	10.3U	13.0K	10.1U	10.2U
PCB-12/13	NC	pg/L	194	2.44J	4.05J	328	6.89J	6.86J
PCB-120	NC	pg/L	14.4U	10.1U	10.3U	14.3U	10.1U	10.2U
PCB-121	NC	pg/L	15.2U	10.1U	10.3U	16.0U	10.1U	10.2U
PCB-122	NC	pg/L	10.3U	10.1U	10.3U	15.2U	10.1U	10.2U
PCB-123	NC	pg/L	10.3U	10.1U	10.3U	10.9U	10.1U	10.2U
PCB-126	NC	pg/L	10.3U	10.1U	10.3U	12.4U	10.1U	10.2U
PCB-127	NC	pg/L	10.3U	10.1U	10.3U	12.9U	10.1U	10.2U
PCB-128/162	NC	pg/L	20.6U	20.3U	3.27K	6.47K	2.25K	20.4U
PCB-129	NC	pg/L	25.9K	15.5J	17.0J	51.2	17.7J	9.37J
PCB-130	NC	pg/L	21.6U	10.1U	10.3U	13.1U	10.1U	10.2U
PCB-131	NC	pg/L	20.9U	10.1U	10.3U	14.1U	10.1U	10.2U
PCB-132/161	NC	pg/L	21.0U	6.50K	10.1J	19.2K	8.59K	4.97K
PCB-133/142	NC	pg/L	19.7U	10.1U	10.3U	14.1U	10.1U	10.2U
PCB-134/143	NC	pg/L	22.3U	10.1U	10.3U	16.2U	10.1U	10.2U
PCB-135	NC	pg/L	20.6U	10.6K	10.8J	24.3	12.5J	5.29K
PCB-136	NC	pg/L	10.3U	4.51J	5.23J	10.9U	5.29K	2.76J
PCB-139/149	NC	pg/L	20.6U	20.3U	20.6U	21.8U	20.2U	20.4U
PCB-14	NC	pg/L	24.2U	10.1U	10.3U	37.2U	10.1U	10.2U
PCB-144	NC	pg/L	10.3U	10.1U	1.88K	10.9U	1.77K	10.2U
PCB-145	NC	pg/L	10.3U	10.1U	10.3U	10.9U	10.1U	10.2U
PCB-146/165	NC	pg/L	17.2U	10.1U	10.3U	11.4U	3.01K	1.31K
PCB-147	NC	pg/L	32.2	24.6	23.4	58.8	25.4	12.1J

Notes:

U - Non detect; J - estimated value; R - rejected value;

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NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 7
Honeywell
SCA Hydrogeologic Investigation
Shallow Monitoring Wells
Method 1668B High Resolution PCBs Data

Parameter Name	New York State Class GA Standards	Field Sample ID	SCA-0025-01	SCA-0002-01	SCA-0003-01	SCA-0021-01	SCA-0006-02	SCA-0006-01
		Location	SB915-MW-87S	SB915-MW-88S	SB915-MW-89S	SB915-MW-90S	SB915-MW-91SN	SB915-MW-91S
		Sample Date	9/27/2011	3/11/2011	3/14/2011	9/23/2011	3/17/2011	3/17/2011
		Sample Depth	25-35 FT	25-35 FT	22-32 FT	22-32 FT	78-88 FT	21-41 FT
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Units	pg/L	pg/L	pg/L	pg/L	pg/L	pg/L
PCB-148	NC	pg/L	10.3U	10.1U	10.3U	10.9U	10.1U	10.2U
PCB-15	NC	pg/L	1890	10.2	27.2	2580	9.56J	18.3
PCB-150	NC	pg/L	10.3U	10.1U	10.3U	10.9U	10.1U	10.2U
PCB-152	NC	pg/L	10.3U	10.1U	10.3U	10.9U	10.1U	10.2U
PCB-155	NC	pg/L	10.3U	10.1U	10.3U	10.9U	10.1U	10.2U
PCB-156	NC	pg/L	20.6U	2.18K	2.92K	21.8U	2.20J	1.91K
PCB-158/160	NC	pg/L	13.5U	10.1U	2.39K	10.9U	10.1U	10.2U
PCB-159	NC	pg/L	10.3U	10.1U	10.3U	10.9U	10.1U	10.2U
PCB-16/32	NC	pg/L	1870	15.1	47.2	3570	13.9K	30.2
PCB-167	NC	pg/L	10.3U	10.1U	10.3U	10.9U	10.1U	10.2U
PCB-169	NC	pg/L	10.3U	10.1U	10.3U	10.9U	10.1U	10.2U
PCB-17	NC	pg/L	1860	18.2	51.2	3920	14.7	27.9
PCB-170	NC	pg/L	10.3U	3.45J	4.13K	10.9U	4.28K	2.72K
PCB-172	NC	pg/L	10.3U	10.1U	10.3U	10.9U	10.1U	10.2U
PCB-174	NC	pg/L	10.3U	5.61K	5.70K	10.9U	5.97J	2.85J
PCB-175	NC	pg/L	10.3U	10.1U	10.3U	10.9U	10.1U	10.2U
PCB-176	NC	pg/L	10.3U	10.1U	10.3U	10.9U	10.1U	10.2U
PCB-177	NC	pg/L	10.3U	3.38J	10.3U	10.9U	4.46K	1.63K
PCB-178	NC	pg/L	10.3U	10.1U	10.3U	10.9U	1.86K	10.2U
PCB-179	NC	pg/L	10.3U	2.45K	3.57K	10.9U	3.80J	1.98K
PCB-180	NC	pg/L	20.6U	6.85J	6.94K	21.4K	10.1J	4.23K
PCB-181	NC	pg/L	10.3U	10.1U	10.3U	10.9U	10.1U	10.2U
PCB-182/187	NC	pg/L	10.3U	10.1U	10.3U	10.9U	10.1U	10.2U
PCB-184	NC	pg/L	10.3U	10.1U	10.3U	10.9U	10.1U	10.2U
PCB-186	NC	pg/L	10.3U	10.1U	10.3U	10.9U	10.1U	10.2U
PCB-188	NC	pg/L	10.3U	10.1U	10.3U	10.9U	10.1U	10.2U
PCB-189	NC	pg/L	10.3U	10.1U	10.3U	10.9U	10.1U	10.2U
PCB-19	NC	pg/L	496	5.06J	10.5K	1060	10.1U	11.2K
PCB-190	NC	pg/L	10.3U	10.1U	10.3U	10.9U	10.1U	10.2U
PCB-191	NC	pg/L	10.3U	10.1U	10.3U	10.9U	10.1U	10.2U
PCB-192	NC	pg/L	10.3U	10.1U	10.3U	10.9U	10.1U	10.2U
PCB-194	NC	pg/L	10.3U	2.31K	10.3U	10.9U	2.33J	3.08J
PCB-195	NC	pg/L	10.3U	10.1U	10.3U	10.9U	10.1U	10.2U
PCB-196/203	NC	pg/L	10.3U	1.63K	10.3U	10.9U	10.1U	1.54J
PCB-197	NC	pg/L	20.6U	20.3U	20.6U	21.8U	0.576K	0.673K
PCB-198	NC	pg/L	20.6U	2.10K	2.74K	21.8U	5.95J	12.9J
PCB-2	NC	pg/L	10.3U	10.1U	10.3U	8.54K	4.48K	5.75J
PCB-20/21/33	NC	pg/L	5100	34.9	146	10100	31.8K	59.5
PCB-202	NC	pg/L	10.3U	10.1U	10.3U	10.9U	2.06J	3.53K
PCB-204	NC	pg/L	10.3U	10.1U	10.3U	10.9U	10.1U	10.2U

Notes:

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Table 7
Honeywell
SCA Hydrogeologic Investigation
Shallow Monitoring Wells
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Parameter Name	New York State Class GA Standards	Field Sample ID	SCA-0025-01	SCA-0002-01	SCA-0003-01	SCA-0021-01	SCA-0006-02	SCA-0006-01
		Location	SB915-MW-87S	SB915-MW-88S	SB915-MW-89S	SB915-MW-90S	SB915-MW-91SN	SB915-MW-91S
		Sample Date	9/27/2011	3/11/2011	3/14/2011	9/23/2011	3/17/2011	3/17/2011
		Sample Depth	25-35 FT	25-35 FT	22-32 FT	22-32 FT	78-88 FT	21-41 FT
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Units						
PCB-205	NC	pg/L	10.3U	10.1U	10.3U	10.9U	10.1U	10.2U
PCB-207	NC	pg/L	14.5U	10.1U	10.3U	10.9U	10.1U	2.08J
PCB-208	NC	pg/L	14.4U	10.1U	10.3U	10.9U	2.45K	8.33J
PCB-22	NC	pg/L	2510	12	61.1	4560	13.2	25.6
PCB-23	NC	pg/L	10.4K	10.1U	10.3U	11.1	10.1U	10.2U
PCB-24/27	NC	pg/L	73.7	10.1U	10.3U	110	10.1U	2.40J
PCB-25	NC	pg/L	320	2.47J	9.93K	616	10.1U	4.08K
PCB-26	NC	pg/L	790	8.40J	26.2	1560	8.45J	13.6J
PCB-27	NC	pg/L	304	3.00K	9.11J	734	10.1U	4.69J
PCB-3	NC	pg/L	25.1	10.1U	10.3U	29.6K	5.17K	5.91K
PCB-32	NC	pg/L	1280	10.8K	33.1	2820	8.04J	16.4
PCB-34	NC	pg/L	16.7	10.1U	10.3U	31.7	10.1U	10.2U
PCB-35	NC	pg/L	57.4	10.1U	10.3U	84.8	10.1U	10.2U
PCB-36	NC	pg/L	13.9U	10.1U	10.3U	18.0U	10.1U	10.2U
PCB-37	NC	pg/L	1630	8.54K	27.1	2030	7.99J	13.4
PCB-38	NC	pg/L	14.5U	10.1U	10.3U	19.5U	10.1U	10.2U
PCB-39	NC	pg/L	14.0U	10.1U	10.3U	21.4U	10.1U	10.2U
PCB-4/10	NC	pg/L	1020	15.0K	24.1	2000	18.3B	87.4B
PCB-40	NC	pg/L	1120	14.5J	46.9	1660	15.6J	23.3K
PCB-41/64/71/72	NC	pg/L	431	10.1U	17.6	642	10.1U	6.88K
PCB-42/59	NC	pg/L	702	7.58K	24.6	980	7.02K	10.2
PCB-43/49	NC	pg/L	101K	10.1U	10.3U	166	10.1U	10.2U
PCB-45	NC	pg/L	649	8.29J	30.1	1200	7.09J	10.9J
PCB-46	NC	pg/L	242K	3.65K	10.8	429	1.86K	5.69K
PCB-48/75	NC	pg/L	501	9.48K	32.2	908	8.38J	12.8
PCB-49	NC	pg/L	1080	21.1	55	1600	22.5	23.1
PCB-50	NC	pg/L	418K	6.08J	21.3	743	7.06J	6.87K
PCB-54	NC	pg/L	11.5	10.1U	10.3U	29.3	10.1U	10.2U
PCB-55	NC	pg/L	51.4K	10.1U	10.3U	127	10.1U	10.2U
PCB-56/60	NC	pg/L	894	6.58J	15.5	1630	6.07J	9.69K
PCB-57	NC	pg/L	15.3U	10.1U	10.3U	28.7K	10.1U	10.2U
PCB-58	NC	pg/L	15.9U	10.1U	10.3U	15.3U	10.1U	10.2U
PCB-6	NC	pg/L	490	4.11J	8.91J	986	4.43J	10.9
PCB-61/70	NC	pg/L	2480	30.4J	70.7	4320	34.0J	38.9J
PCB-63	NC	pg/L	68.4	10.1U	10.3U	117	10.1U	10.2U
PCB-66	NC	pg/L	1490	15.5	35.8	2700	17.1	19.9
PCB-67	NC	pg/L	65	10.1U	10.3U	109	10.1U	10.2U
PCB-68	NC	pg/L	14.2U	10.1U	10.3U	14.4U	10.1U	10.2U
PCB-7/9	NC	pg/L	78.8	10.1U	1.60J	157K	1.18K	1.87J
PCB-73	NC	pg/L	25.1U	10.1U	3.55J	23.1K	10.1U	10.2U

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		Location	SB915-MW-87S	SB915-MW-88S	SB915-MW-89S	SB915-MW-90S	SB915-MW-91SN	SB915-MW-91S
		Sample Date	9/27/2011	3/11/2011	3/14/2011	9/23/2011	3/17/2011	3/17/2011
		Sample Depth	25-35 FT	25-35 FT	22-32 FT	22-32 FT	78-88 FT	21-41 FT
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Units	pg/L	pg/L	pg/L	pg/L	pg/L	pg/L
PCB-77	NC	pg/L	154	10.1U	10.3U	199	2.21J	10.2U
PCB-78	NC	pg/L	16.5U	10.1U	10.3U	14.2U	10.1U	10.2U
PCB-79	NC	pg/L	13.4U	10.1U	10.3U	12.7U	10.1U	10.2U
PCB-8	NC	pg/L	1580	19.7B	34.9B	3220	16.9B	37.2B
PCB-80	NC	pg/L	14.1U	10.1U	10.3U	13.3U	10.1U	10.2U
PCB-81	NC	pg/L	19.7U	10.1U	10.3U	12.9U	10.1U	10.2U
PCB-82	NC	pg/L	68.9	10.1U	10.3U	133	10.1U	10.2U
PCB-83	NC	pg/L	24.1U	10.1U	14.2K	33.5K	10.1U	10.2U
PCB-84/92	NC	pg/L	141	7.00J	14.7K	253	12.2K	7.57K
PCB-85/116	NC	pg/L	67.5	3.46K	4.91K	124	4.70K	4.41J
PCB-86	NC	pg/L	218	15.3K	21.6J	421	12.4K	12.7J
PCB-88/91	NC	pg/L	71.7K	4.29K	9.05J	138	6.81J	4.04K
PCB-89	NC	pg/L	21.9U	10.1U	10.3U	37.5	10.1U	10.2U
PCB-9	NC	pg/L	133	2.10K	3.60J	300K	6.09J	14.8
PCB-90/101	NC	pg/L	186	27.6J	33.8	370	32.8	21.4J
PCB-92	NC	pg/L	36.4	4.05K	6.54K	70.6	8.27J	4.18J
PCB-93	NC	pg/L	20.6U	20.3U	20.6U	21.8U	20.2U	20.4U
PCB-94	NC	pg/L	21.9U	10.1U	10.3U	23.6U	10.1U	10.2U
PCB-95/98/102	NC	pg/L	233	28.7B	41.5B	431	38.4B	22.1B
PCB-96	NC	pg/L	16.7U	10.1U	10.3U	16.3	10.1U	10.2U

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Honeywell
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Parameter Name	New York State Class GA Standards	Field Sample ID	SCA-0005-01	SCA-0014-01	SCA-0016-01	SCA-0016-02	SCA-0016-03	SCA-0016-04
		Location	SB915-MW-92S	SB915-MW-93S	SB915-MW-94S	SB915-MW-95S	SB915-MW-96S	SB915-MW-97S
		Sample Date	3/16/2011	9/19/2011	9/21/2011	9/21/2011	9/21/2011	9/21/2011
		Sample Depth	28-48 FT	22-32 FT	20-30 FT	26-36 FT	26-36 FT	25-35 FT
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Units						
TOTALS								
TOTAL DECACB	NC	pg/L	0.825U	4.02U	8.89	4.54	2.58U	3.58U
TOTAL DICHLOOROBIPHENYLS	NC	pg/L	229U	87.6J	13500J	23.6J	19.5U	25.5U
TOTAL HEPTACB	NC	pg/L	144	25.3	36.2	6.56U	72.3	6.82U
TOTAL HEXACB	NC	pg/L	330	140	1200	55.2	128	11.2
TOTAL MONOCB	NC	pg/L	18.1U	3.66U	114J	2.61U	2.92U	6.82J
TOTAL NONACHLOOROBIPHENYLS	NC	pg/L	2.25	6.84U	6.79U	5.15U	5.83U	5.74U
TOTAL OCTACB	NC	pg/L	27.6	6.91U	6.69U	4.26U	5.50U	5.98U
TOTAL PENTACB	NC	pg/L	391	163U	11100	99.6U	140U	46.0U
TOTAL TETRACB	NC	pg/L	541	217U	98500	94.2U	108U	17.8U
TOTAL TRICB	NC	pg/L	556U	69.4UJ	85900J	133UJ	143UJ	62.2UJ
CALCULATED TOTAL PCBs (post validation)	90000	pg/L	1435.85	252.9	[210359.09]	83.34	200.3	18.02
TOTAL PCBs (lab reported prior to validation)	90000	pg/L	2240	703	[210000]	410	591	144
CONGENERs								
10-DiCB	NC	pg/L	1.87J	13.1U	173	10.6U	10.8U	14.7U
109-PeCB	NC	pg/L	4.08J	10.3U	70.2K	10.3U	10.2U	10.1U
112-PeCB	NC	pg/L	10.3U	10.3U	10.6U	10.3U	10.2U	10.1U
142-HxCB	NC	pg/L	10.3U	13.2U	28.4U	10.3U	10.5U	10.1U
143-HxCB	NC	pg/L	10.3U	12.2U	27.5U	10.3U	10.2U	10.1U
160-HxCB	NC	pg/L	10.3U	10.3U	21.9U	10.3U	10.2U	10.1U
161-HxCB	NC	pg/L	10.3U	10.3U	20.3U	10.3U	10.2U	10.1U
162-HxCB	NC	pg/L	10.3U	10.3U	13.4U	10.3U	10.2U	10.1U
164-HxCB	NC	pg/L	5.22J	10.3U	22.3K	10.3U	10.2U	10.1U
165-HxCB	NC	pg/L	10.3U	10.3U	22.3U	10.3U	10.2U	10.1U
2,2',3,3',4,4',5,5',6-NONACHLOOROBIPHENYL	NC	pg/L	2.25K	10.3U	10.6U	10.3U	10.2U	10.1U
2,2',3,3',4,4',6-HEPTACHLOOROBIPHENYL	NC	pg/L	5.15K	20.7U	21.1U	20.6U	20.5U	20.2U
2,2',3,3',4,5',6,6'-OCTACHLOOROBIPHENYL	NC	pg/L	10.3U	10.3U	10.6U	10.3U	10.2U	10.1U
2,2',3,4',5,5',6-HEPTACHLOOROBIPHENYL	NC	pg/L	24.2	15.1K	14.0K	10.3U	16.4	10.1U
2,2',3,4,4',5',6-HEPTACHLOOROBIPHENYL	NC	pg/L	12.7J	20.7U	21.1U	20.6U	20.5U	20.2U
2,2',3,4,4',5-HEXACHLOOROBIPHENYL	NC	pg/L	10.3U	11.7U	24.3U	10.3U	10.2U	10.1U
2,2',3,4,5,5'-HEXACHLOOROBIPHENYL	NC	pg/L	14	11.6U	49.3	10.3U	10.2U	10.1U
2,2',3,5'-TETRACHLOOROBIPHENYL	NC	pg/L	78.8	39.6	14100	19.3K	25.1J	30.3U
2,2',4,4',5,5'-HEXACHLOOROBIPHENYL	NC	pg/L	39.1	15.4	549	10.8K	17.2K	10.1U
2,2',4,4',5,6'-HEXACHLOOROBIPHENYL	NC	pg/L	1.15J	10.3U	10.6U	10.3U	10.2U	10.1U
2,2',5-TRICHLOOROBIPHENYL	NC	pg/L	81	16.6K	8260	21.6K	24.1	14.3K
2,3',4,4'-TETRACHLOOROBIPHENYL	NC	pg/L	11.5K	10.7U	1840	10.3U	10.2U	10.1U
2,3,3',4',6-PENTACHLOOROBIPHENYL	NC	pg/L	54.4	20.2J	1580	19.2K	26.1	20.2U
2,3-DICHLOROBIPHENYL	NC	pg/L	3.41K	32.7U	105	18.9U	18.8U	24.5U
2,4',5-TRICHLOOROBIPHENYL	NC	pg/L	96.0B	11.7K	15200	20.5K	21.7K	14.0K
2-CHLOOROBIPHENYL	NC	pg/L	9.41J	10.3U	92.2	10.3U	10.2U	6.82K

Notes:

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Parameter Name	New York State Class GA Standards	Field Sample ID	SCA-0005-01	SCA-0014-01	SCA-0016-01	SCA-0016-02	SCA-0016-03	SCA-0016-04
		Location	SB915-MW-92S	SB915-MW-93S	SB915-MW-94S	SB915-MW-95S	SB915-MW-96S	SB915-MW-97S
		Sample Date	3/16/2011	9/19/2011	9/21/2011	9/21/2011	9/21/2011	9/21/2011
		Sample Depth	28-48 FT	22-32 FT	20-30 FT	26-36 FT	26-36 FT	25-35 FT
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Units						
203-OcCB	NC	pg/L	4.10J	10.3U	10.6U	10.3U	10.2U	10.1U
21-TrCB C33	NC	pg/L	61.5	20.7U	11000	14.8K	14.4K	8.17K
59-TeCB C62/75	NC	pg/L	8.01K	31.0U	1820	30.9U	30.7U	30.3U
64-TeCB	NC	pg/L	28.3	10.3U	7670	7.51K	15.2U	10.1U
72-TeCB	NC	pg/L	10.3U	10.3U	44.3K	10.3U	10.2U	10.1U
98-PeCB C102	NC	pg/L	20.5U	20.7U	181K	20.6U	20.5U	20.2U
PCB 118	NC	pg/L	43.2K	10.3U	729	10.3U	20.9K	11.0K
PCB 153	NC	pg/L	63	15.4J	152	11.4K	30	20.2U
PCB 209	NC	pg/L	0.825K	10.3U	8.89K	4.54K	10.2U	10.1U
PCB 52	NC	pg/L	102B	61.6K	11000	27.9	31.7	17.7
PCB-103	NC	pg/L	10.3U	13.1U	21.4K	10.3U	10.2U	10.1U
PCB-104	NC	pg/L	10.3U	10.3U	10.6U	10.3U	10.2U	10.1U
PCB-105	NC	pg/L	16.2	10.3U	421	10.3U	10.2U	10.1U
PCB-106/118	NC	pg/L	10.3U	10.5U	20.1U	10.3U	10.2U	10.1U
PCB-107/109	NC	pg/L	20.5U	20.7U	40.7K	20.6U	20.5U	20.2U
PCB-11	NC	pg/L	99.4B	87.6K	64.7K	19.1U	18.9U	24.7U
PCB-111/115	NC	pg/L	10.3U	11.0U	10.6U	10.3U	10.2U	10.1U
PCB-114	NC	pg/L	10.3U	10.3U	33	10.3U	10.2U	10.1U
PCB-12/13	NC	pg/L	6.60J	27.5U	456	20.6U	20.5U	23.8U
PCB-120	NC	pg/L	10.3U	10.3U	10.6U	10.3U	10.2U	10.1U
PCB-121	NC	pg/L	10.3U	10.9U	10.6U	10.3U	10.2U	10.1U
PCB-122	NC	pg/L	10.3U	10.8U	18.7	10.3U	10.2U	10.1U
PCB-123	NC	pg/L	10.3U	10.3U	21.1U	10.3U	10.2U	10.1U
PCB-126	NC	pg/L	10.3U	10.3U	21.5U	10.3U	10.2U	10.1U
PCB-127	NC	pg/L	10.3U	10.3U	21.8U	10.3U	10.2U	10.1U
PCB-128/162	NC	pg/L	7.13J	20.7U	52.3K	20.6U	20.5U	20.2U
PCB-129	NC	pg/L	55.1	23.6J	263	17.4K	29.5J	11.2K
PCB-130	NC	pg/L	3.96K	12.5U	25.2	10.3U	10.2U	10.1U
PCB-131	NC	pg/L	10.3U	13.4U	28.3U	10.3U	10.4U	10.1U
PCB-132/161	NC	pg/L	29.2	14.1U	155	6.88J	11.8K	10.1U
PCB-133/142	NC	pg/L	10.3U	13.4U	25.9U	10.3U	10.2U	10.1U
PCB-134/143	NC	pg/L	2.91K	15.4U	22.8	10.3U	11.2U	10.1U
PCB-135	NC	pg/L	35.2	41.9	107	6.94J	22.3	20.2U
PCB-136	NC	pg/L	15.6	12.6K	63.9	10.3U	5.61K	10.1U
PCB-139/149	NC	pg/L	20.5U	20.7U	25.6U	20.6U	20.5U	20.2U
PCB-14	NC	pg/L	10.3U	26.7U	30.9U	16.9U	16.8U	22.0U
PCB-144	NC	pg/L	4.96J	10.3U	13.6K	10.3U	10.2U	10.1U
PCB-145	NC	pg/L	10.3U	10.3U	10.6U	10.3U	10.2U	10.1U
PCB-146/165	NC	pg/L	9.53K	10.8U	31.8K	10.3U	10.2U	10.1U
PCB-147	NC	pg/L	70.2	46.8K	178	12.6J	28.5	20.2U

Notes:

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Table 7
Honeywell
SCA Hydrogeologic Investigation
Shallow Monitoring Wells
Method 1668B High Resolution PCBs Data

Parameter Name	New York State Class GA Standards	Field Sample ID	SCA-0005-01	SCA-0014-01	SCA-0016-01	SCA-0016-02	SCA-0016-03	SCA-0016-04
		Location	SB915-MW-92S	SB915-MW-93S	SB915-MW-94S	SB915-MW-95S	SB915-MW-96S	SB915-MW-97S
		Sample Date	3/16/2011	9/19/2011	9/21/2011	9/21/2011	9/21/2011	9/21/2011
		Sample Depth	28-48 FT	22-32 FT	20-30 FT	26-36 FT	26-36 FT	25-35 FT
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Units	pg/L	pg/L	pg/L	pg/L	pg/L	pg/L
PCB-148	NC	pg/L	10.3U	10.3U	10.6U	10.3U	10.2U	10.1U
PCB-15	NC	pg/L	29.1	21.4U	2960	14.6U	15.1U	19.2U
PCB-150	NC	pg/L	10.3U	10.3U	10.6U	10.3U	10.2U	10.1U
PCB-152	NC	pg/L	10.3U	10.3U	10.6U	10.3U	10.2U	10.1U
PCB-155	NC	pg/L	10.3U	10.3U	10.6U	10.3U	10.2U	10.1U
PCB-156	NC	pg/L	5.61K	20.7U	26.6K	20.6U	20.5U	20.2U
PCB-158/160	NC	pg/L	5.63J	10.3U	33.4K	10.3U	10.2U	10.1U
PCB-159	NC	pg/L	10.3U	10.3U	11.9U	10.3U	10.2U	10.1U
PCB-16/32	NC	pg/L	36.6	12.0U	5220	14.3K	13.5K	10.1U
PCB-167	NC	pg/L	2.05K	10.3U	12.3U	10.3U	10.2U	10.1U
PCB-169	NC	pg/L	10.3U	10.3U	10.6U	10.3U	10.2U	10.1U
PCB-17	NC	pg/L	34.9	12.9K	3940	16.6K	14.5	10.1U
PCB-170	NC	pg/L	15.1K	10.3U	10.6U	10.3U	9.76K	10.1U
PCB-172	NC	pg/L	2.80J	10.3U	10.6U	10.3U	10.2U	10.1U
PCB-174	NC	pg/L	21.9K	10.3U	10.6U	10.3U	18.4	10.1U
PCB-175	NC	pg/L	10.3U	10.3U	10.6U	10.3U	10.2U	10.1U
PCB-176	NC	pg/L	2.94J	10.3U	10.6U	10.3U	10.2U	10.1U
PCB-177	NC	pg/L	10.9K	10.3U	10.6U	10.3U	10.2U	10.1U
PCB-178	NC	pg/L	4.81J	10.3U	10.6U	10.3U	10.2U	10.1U
PCB-179	NC	pg/L	10.6	10.2K	10.6U	10.3U	8.16K	10.1U
PCB-180	NC	pg/L	28.7	0.00J	22.2	20.6U	19.6J	20.2U
PCB-181	NC	pg/L	10.3U	10.3U	10.6U	10.3U	10.2U	10.1U
PCB-182/187	NC	pg/L	10.3U	10.3U	10.6U	10.3U	10.2U	10.1U
PCB-184	NC	pg/L	10.3U	10.3U	10.6U	10.3U	10.2U	10.1U
PCB-186	NC	pg/L	10.3U	10.3U	10.6U	10.3U	10.2U	10.1U
PCB-188	NC	pg/L	10.3U	10.3U	10.6U	10.3U	10.2U	10.1U
PCB-189	NC	pg/L	10.3U	10.3U	10.6U	10.3U	10.2U	10.1U
PCB-19	NC	pg/L	10.1J	10.3U	1150	11.6U	10.2U	10.1U
PCB-190	NC	pg/L	3.78J	10.3U	10.6U	10.3U	10.2U	10.1U
PCB-191	NC	pg/L	10.3U	10.3U	10.6U	10.3U	10.2U	10.1U
PCB-192	NC	pg/L	10.3U	10.3U	10.6U	10.3U	10.2U	10.1U
PCB-194	NC	pg/L	6.16K	10.3U	10.6U	10.3U	10.2U	10.1U
PCB-195	NC	pg/L	2.81K	10.3U	10.6U	10.3U	10.2U	10.1U
PCB-196/203	NC	pg/L	3.86K	10.3U	10.6U	10.3U	10.2U	10.1U
PCB-197	NC	pg/L	1.30K	20.7U	21.1U	20.6U	20.5U	20.2U
PCB-198	NC	pg/L	7.94J	20.7U	21.1U	20.6U	20.5U	20.2U
PCB-2	NC	pg/L	4.78K	10.3U	10.6U	10.3U	10.2U	10.1U
PCB-20/21/33	NC	pg/L	110	17.1K	17100	22.1K	25.3	13.9K
PCB-202	NC	pg/L	1.46K	10.3U	10.6U	10.3U	10.2U	10.1U
PCB-204	NC	pg/L	10.3U	10.3U	10.6U	10.3U	10.2U	10.1U

Notes:

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Table 7
Honeywell
SCA Hydrogeologic Investigation
Shallow Monitoring Wells
Method 1668B High Resolution PCBs Data

Parameter Name	New York State Class GA Standards	Field Sample ID	SCA-0005-01	SCA-0014-01	SCA-0016-01	SCA-0016-02	SCA-0016-03	SCA-0016-04
		Location	SB915-MW-92S	SB915-MW-93S	SB915-MW-94S	SB915-MW-95S	SB915-MW-96S	SB915-MW-97S
		Sample Date	3/16/2011	9/19/2011	9/21/2011	9/21/2011	9/21/2011	9/21/2011
		Sample Depth	28-48 FT	22-32 FT	20-30 FT	26-36 FT	26-36 FT	25-35 FT
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
	Units							
PCB-205	NC	pg/L	10.3U	10.3U	10.6U	10.3U	10.2U	10.1U
PCB-207	NC	pg/L	10.3U	10.3U	10.6U	10.3U	10.2U	10.1U
PCB-208	NC	pg/L	10.3U	10.3U	10.6U	10.3U	10.2U	10.1U
PCB-22	NC	pg/L	44.5	10.3U	9460	12.6	14.2K	6.23J
PCB-23	NC	pg/L	10.3U	10.3U	21.1K	10.3U	10.2U	10.1U
PCB-24/27	NC	pg/L	10.3U	10.3U	183	10.3U	10.2U	10.1U
PCB-25	NC	pg/L	7.23J	10.3U	1120	10.3U	10.2U	5.63J
PCB-26	NC	pg/L	20.6	20.7U	2870	20.6U	7.33K	20.2U
PCB-27	NC	pg/L	5.83J	10.3U	738	10.3U	10.2U	10.1U
PCB-3	NC	pg/L	3.93K	10.3U	22.1K	10.3U	10.2U	10.1U
PCB-32	NC	pg/L	22.8	11.1K	3260	10.6K	7.84K	10.1U
PCB-34	NC	pg/L	10.3U	10.3U	52.1K	10.3U	10.2U	10.1U
PCB-35	NC	pg/L	10.3U	10.6U	443K	10.3U	11.7U	11.0U
PCB-36	NC	pg/L	10.3U	10.3U	41.2U	10.3U	10.2U	10.1U
PCB-37	NC	pg/L	24.8	10.4U	5780	10.3U	10.2U	10.1U
PCB-38	NC	pg/L	10.3U	10.3U	44.5U	10.3U	10.4U	10.1U
PCB-39	NC	pg/L	10.3U	10.8U	44.3U	10.3U	10.3U	10.1U
PCB-4/10	NC	pg/L	39.9B	20.5U	3500	16.4U	15.9U	22.3U
PCB-40	NC	pg/L	42.2	16.9K	9650	11.9J	20.5U	20.2U
PCB-41/64/71/72	NC	pg/L	11.6	14.5U	3010	11.6U	27.4U	17.8U
PCB-42/59	NC	pg/L	18.8	12.1U	4840	11.1K	21.1U	13.7U
PCB-43/49	NC	pg/L	3.62K	13.9U	588	10.3U	17.9U	11.6U
PCB-45	NC	pg/L	15.6K	23.6	3810	20.6U	20.5U	20.2U
PCB-46	NC	pg/L	9.17K	10.3U	1440	10.3U	10.2U	10.1U
PCB-48/75	NC	pg/L	21.6	13.0U	3870	10.3U	19.1U	12.3U
PCB-49	NC	pg/L	45.8	29.7K	8490	16.5J	20.6U	20.2U
PCB-50	NC	pg/L	9.52J	22	2310	20.6U	20.5U	20.2U
PCB-54	NC	pg/L	10.3U	10.3U	44.7	10.3U	10.2U	10.1U
PCB-55	NC	pg/L	10.3U	10.7U	173K	10.3U	10.2U	10.1U
PCB-56/60	NC	pg/L	15	10.3U	3400	10.3U	10.0J	10.1U
PCB-57	NC	pg/L	10.3U	10.6U	72.3	10.3U	10.2U	10.1U
PCB-58	NC	pg/L	10.3U	10.8U	30.4U	10.3U	10.2U	10.1U
PCB-6	NC	pg/L	9.30J	26.2U	1010	17.6U	17.4U	22.8U
PCB-61/70	NC	pg/L	77	23.8J	13400	41.2U	28.0J	40.4U
PCB-63	NC	pg/L	10.3U	10.3U	328	10.3U	10.2U	10.1U
PCB-66	NC	pg/L	39.1	10.4U	5900	10.3U	13.6K	10.1U
PCB-67	NC	pg/L	10.3U	10.3U	346	10.3U	10.2U	10.1U
PCB-68	NC	pg/L	10.3U	10.3U	28.5U	10.3U	10.2U	10.1U
PCB-7/9	NC	pg/L	1.87K	27.7U	161	19.7U	19.5U	25.5U
PCB-73	NC	pg/L	10.3U	10.3U	10.6U	10.3U	16.1U	10.4U

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Table 7
Honeywell
SCA Hydrogeologic Investigation
Shallow Monitoring Wells
Method 1668B High Resolution PCBs Data

Parameter Name	New York State Class GA Standards	Field Sample ID	SCA-0005-01	SCA-0014-01	SCA-0016-01	SCA-0016-02	SCA-0016-03	SCA-0016-04
		Location	SB915-MW-92S	SB915-MW-93S	SB915-MW-94S	SB915-MW-95S	SB915-MW-96S	SB915-MW-97S
		Sample Date	3/16/2011	9/19/2011	9/21/2011	9/21/2011	9/21/2011	9/21/2011
		Sample Depth	28-48 FT	22-32 FT	20-30 FT	26-36 FT	26-36 FT	25-35 FT
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
	Units							
PCB-77	NC	pg/L	3.18J	10.3U	405	10.3U	10.2U	10.1U
PCB-78	NC	pg/L	10.3U	10.3U	24.0U	10.3U	10.2U	10.1U
PCB-79	NC	pg/L	10.3U	10.3U	22.3U	10.3U	10.2U	10.1U
PCB-8	NC	pg/L	34.3B	24.4U	4760	23.6K	16.3U	21.4U
PCB-80	NC	pg/L	10.3U	10.3U	21.6U	10.3U	10.2U	10.1U
PCB-81	NC	pg/L	10.3U	10.3U	23.8U	10.3U	10.2U	10.1U
PCB-82	NC	pg/L	6.94K	15.6U	313	10.3U	10.2U	10.1U
PCB-83	NC	pg/L	10.3U	16.7U	86.4	10.3U	10.2U	10.1U
PCB-84/92	NC	pg/L	19.7	15.9U	935	9.95J	10.6U	10.5U
PCB-85/116	NC	pg/L	10.4J	31.0U	320	30.9U	30.7U	30.3U
PCB-86	NC	pg/L	35.5J	14.4K	1260	13.9J	18.0J	60.7U
PCB-88/91	NC	pg/L	12.1J	22.6K	495	20.6U	20.5U	20.2U
PCB-89	NC	pg/L	10.3U	15.7U	75.8K	10.3U	10.2U	10.1U
PCB-9	NC	pg/L	3.69J	27.6U	279	17.7U	17.6U	23.0U
PCB-90/101	NC	pg/L	71	33.5	1300	19.4K	26.2K	17.8J
PCB-92	NC	pg/L	16.1	25.9	244	10.3U	10.2U	10.1U
PCB-93	NC	pg/L	20.5U	20.7U	52.9K	20.6U	20.5U	20.2U
PCB-94	NC	pg/L	10.3U	16.1U	37.5	10.3U	10.2U	10.1U
PCB-95/98/102	NC	pg/L	60.9B	30.8K	2260	26.3	31.5K	17.3K
PCB-96	NC	pg/L	1.61K	10.3U	93.9K	10.3U	10.2U	10.1U

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Table 7
Honeywell
SCA Hydrogeologic Investigation
Shallow Monitoring Wells
Method 1668B High Resolution PCBs Data

Parameter Name	New York State Class GA Standards	Field Sample ID Location Sample Date Sample Depth Sample Purpose Units	SCA-0016-05	SCA-0019-03	SCA-0023-01	SCA-0021-02	SCA-0023-02	SCA-0019-01
			SB915-MW-98S	SB915-MW-99S	SB915-MW-100S	SB915-MW-101S	SB915-MW-102S	SB915-MW-103S
			9/21/2011	9/22/2011	9/26/2011	9/23/2011	9/26/2011	9/22/2011
			24-34 FT	22-32 FT	22-32 FT	22-32 FT	20-30 FT	68-78 FT
			Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
TOTALS								
TOTAL DECACB	NC	pg/L	3.24U	7.71U	9.98U	3.85U	2.16U	11.6U
TOTAL DICHLOROBIPHENYLS	NC	pg/L	21500J	1650J	75.3J	36.7U	4240J	24700J
TOTAL HEPTACB	NC	pg/L	96.3	7.66U	14.0U	7.78U	40.1J	118
TOTAL HEXACB	NC	pg/L	578	110	98	31	162	651
TOTAL MONOCB	NC	pg/L	260J	24.4J	12.7J	33.2J	20.7J	275J
TOTAL NONACHLOROBIPHENYLS	NC	pg/L	8.77U	15.3U	17.3U	8.26U	3.59U	18.5U
TOTAL OCTACB	NC	pg/L	5.99U	7.98U	10.8U	6.03U	4.64U	11.9U
TOTAL PENTACB	NC	pg/L	7360	1250	133U	71.8U	1770	9590
TOTAL TETRACB	NC	pg/L	63900	10400J	1270J	148U	16900	37700
TOTAL TRICB	NC	pg/L	101000J	12100J	243UJ	155UJ	26600J	143000J
CALCULATED TOTAL PCBs (post validation)	90000	pg/L	[194694.3]	25534.4	186	64.2	49732.8	[216034]
TOTAL PCBs (lab reported prior to validation)	90000	pg/L	[195000]	25500	690	439	49800	[216000]
CONGENERS								
10-DiCB	NC	pg/L	398K	20.9U	28.7U	14.9U	52.7	283
109-PeCB	NC	pg/L	54.7	16.4U	10.2U	10.2U	18.2K	70.7
112-PeCB	NC	pg/L	14.5U	24.1U	15.7U	10.2U	10.0U	30.8U
142-HxCB	NC	pg/L	28.4U	14.9U	19.6U	13.9U	10.0U	39.1U
143-HxCB	NC	pg/L	26.3U	14.2U	18.6U	12.8U	10.0U	34.3U
160-HxCB	NC	pg/L	21.7U	11.9U	15.7U	10.6U	10.0U	29.8U
161-HxCB	NC	pg/L	19.0U	10.4U	13.5U	10.2U	10.0U	26.7U
162-HxCB	NC	pg/L	10.1U	10.4U	10.2U	10.2U	10.0U	10.2U
164-HxCB	NC	pg/L	18.8U	10.4U	13.7U	10.2U	10.0U	26.7U
165-HxCB	NC	pg/L	21.5U	11.4U	14.9U	10.5U	10.0U	29.1U
2,2',3,3',4,4',5,5',6-NONACHLOROBIPHENYL	NC	pg/L	10.1U	15.3U	17.3U	10.2U	10.0U	18.5U
2,2',3,3',4,4',6-HEPTACHLOROBIPHENYL	NC	pg/L	20.3U	20.7U	20.4U	20.3U	20.1U	20.3U
2,2',3,3',4,5',6,6'-OCTACHLOROBIPHENYL	NC	pg/L	10.1U	10.4U	10.2U	10.2U	10.0U	10.2U
2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	NC	pg/L	29.1	10.4U	10.2U	10.2U	8.62J	27.5K
2,2',3,4,4',5',6-HEPTACHLOROBIPHENYL	NC	pg/L	20.3U	20.7U	20.4U	20.3U	20.1U	17.0K
2,2',3,4,4',5-HEXACHLOROBIPHENYL	NC	pg/L	25.2U	14.4U	18.9U	12.3U	10.0U	37.5U
2,2',3,4,5,5'-HEXACHLOROBIPHENYL	NC	pg/L	30.4K	13.8U	18.2U	12.2U	8.32K	31.5
2,2',3,5'-TETRACHLOROBIPHENYL	NC	pg/L	7750	1650	62.7	26.5J	2030	33.6U
2,2',4,4',5,5'-HEXACHLOROBIPHENYL	NC	pg/L	532	64.9K	17.9U	12.0U	113	600
2,2',4,4',5,6'-HEXACHLOROBIPHENYL	NC	pg/L	10.1U	10.4U	10.5U	10.2U	10.0U	21.1U
2,2',5-TRICHLOROBIPHENYL	NC	pg/L	15200	1110	40.4K	19.9J	3470	17900
2,3',4,4'-TETRACHLOROBIPHENYL	NC	pg/L	2270	212	10.2U	10.2U	588	2940
2,3,3',4',6-PENTACHLOROBIPHENYL	NC	pg/L	1020	199	34.4K	18.7J	247	1370
2,3-DICHLOROBIPHENYL	NC	pg/L	209K	38.8K	28.8U	36.7U	39.9	221
2,4',5-TRICHLOROBIPHENYL	NC	pg/L	15600	2130	43.0K	32.4K	4080	23600
2-CHLOROBIPHENYL	NC	pg/L	163K	15.7K	12.7K	33.2	20.7	164K

Notes:

U - Non detect; J - estimated value; R - rejected value;

EMPC - estimated maximum possible concentration; K - congener estimated maximum possible concentration.

NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 7
Honeywell
SCA Hydrogeologic Investigation
Shallow Monitoring Wells
Method 1668B High Resolution PCBs Data

Parameter Name	New York State Class GA Standards	Field Sample ID	SCA-0016-05	SCA-0019-03	SCA-0023-01	SCA-0021-02	SCA-0023-02	SCA-0019-01
		Location	SB915-MW-98S	SB915-MW-99S	SB915-MW-100S	SB915-MW-101S	SB915-MW-102S	SB915-MW-103S
		Sample Date	9/21/2011	9/22/2011	9/26/2011	9/23/2011	9/26/2011	9/22/2011
		Sample Depth	24-34 FT	22-32 FT	22-32 FT	22-32 FT	20-30 FT	68-78 FT
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Units	pg/L	pg/L	pg/L	pg/L	pg/L	pg/L
203-OcCB	NC	pg/L	10.1U	10.4U	10.2U	10.2U	10.0U	10.2U
21-TrCB C33	NC	pg/L	8670	1890	29.9	24.4K	2740	11000
59-TeCB C62/75	NC	pg/L	904	194	42.7U	30.5U	203	30.5U
64-TeCB	NC	pg/L	3570	808	41.1U	10.9K	1120	26.6U
72-TeCB	NC	pg/L	39.3U	11.6U	10.2U	10.2U	11.2U	34.5
98-PeCB C102	NC	pg/L	105	31.0U	20.4U	20.3U	26.0K	122
PCB 118	NC	pg/L	534	99.7K	19.4	10.2U	137	845
PCB 153	NC	pg/L	89.3	18.0J	28.9	12.5K	28.4K	105
PCB 209	NC	pg/L	10.1U	10.4U	10.2U	10.2U	10.0U	11.6U
PCB 52	NC	pg/L	7350	1270	56.0U	28.9	1740	39.8U
PCB-103	NC	pg/L	18.4U	30.0U	19.6U	11.3U	10.0U	36.9U
PCB-104	NC	pg/L	10.1U	10.4U	10.2U	10.2U	10.0U	10.2U
PCB-105	NC	pg/L	362	66.4K	8.39K	10.2U	91.2K	571
PCB-106/118	NC	pg/L	18.7U	16.6U	10.2U	10.2U	14.3U	12.7U
PCB-107/109	NC	pg/L	36.5K	20.7U	20.4U	20.3U	20.1U	38.4K
PCB-11	NC	pg/L	42.0U	21.1U	75.3K	30.4U	35.0K	66.8K
PCB-111/115	NC	pg/L	15.5U	23.9U	15.6U	10.2U	10.0U	31.8U
PCB-114	NC	pg/L	22.5K	20.1U	10.2U	10.2U	15.3U	48.1
PCB-12/13	NC	pg/L	541	21.0U	24.5U	30.9U	155	696
PCB-120	NC	pg/L	13.8U	22.0U	14.4U	10.2U	10.0U	29.5U
PCB-121	NC	pg/L	15.4U	23.8U	15.5U	10.2U	10.0U	31.1U
PCB-122	NC	pg/L	19.3U	18.1U	10.2U	10.2U	17.7U	24.4
PCB-123	NC	pg/L	13.6U	17.9U	10.2U	10.2U	13.5U	32.5K
PCB-126	NC	pg/L	15.8U	20.7U	10.2U	10.2U	14.6U	14.3U
PCB-127	NC	pg/L	16.4U	17.2U	10.2U	10.2U	15.5U	12.1U
PCB-128/162	NC	pg/L	21.5U	20.7U	20.4U	20.3U	4.92K	24.2K
PCB-129	NC	pg/L	137	29.1K	23.6K	18.5J	33.2	146
PCB-130	NC	pg/L	26.9U	15.3U	20.2U	13.1U	10.0U	39.8U
PCB-131	NC	pg/L	28.9U	14.8U	19.5U	14.1U	10.0U	38.6U
PCB-132/161	NC	pg/L	73.1	16.3K	19.7U	14.8U	20.8	87.1
PCB-133/142	NC	pg/L	28.8U	14.0U	18.4U	14.1U	10.0U	36.4U
PCB-134/143	NC	pg/L	33.1U	14.9U	19.7U	16.2U	10.0U	41.2U
PCB-135	NC	pg/L	62.6K	16.5K	19.7J	20.3U	21.4K	70.3
PCB-136	NC	pg/L	32.9	10.4U	10.2U	10.2U	9.96K	37.3K
PCB-139/149	NC	pg/L	25.0U	20.7U	20.4U	20.3U	20.1U	33.5U
PCB-14	NC	pg/L	41.4U	20.3U	23.6U	29.9U	22.1U	31.5U
PCB-144	NC	pg/L	10.1U	10.4U	11.6U	10.2U	10.0U	24.2U
PCB-145	NC	pg/L	10.1U	10.4U	10.2U	10.2U	10.0U	19.0U
PCB-146/165	NC	pg/L	23.3U	12.6U	16.6U	11.4U	10.0U	31.7U
PCB-147	NC	pg/L	137K	30.6K	25.8K	20.3U	35	151

Notes:

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NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 7
Honeywell
SCA Hydrogeologic Investigation
Shallow Monitoring Wells
Method 1668B High Resolution PCBs Data

Parameter Name	New York State Class GA Standards	Field Sample ID	SCA-0016-05	SCA-0019-03	SCA-0023-01	SCA-0021-02	SCA-0023-02	SCA-0019-01
		Location	SB915-MW-98S	SB915-MW-99S	SB915-MW-100S	SB915-MW-101S	SB915-MW-102S	SB915-MW-103S
		Sample Date	9/21/2011	9/22/2011	9/26/2011	9/23/2011	9/26/2011	9/22/2011
		Sample Depth	24-34 FT	22-32 FT	22-32 FT	22-32 FT	20-30 FT	68-78 FT
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Units	pg/L	pg/L	pg/L	pg/L	pg/L	pg/L
PCB-148	NC	pg/L	10.1U	10.4U	11.7U	10.2U	10.0U	24.6U
PCB-15	NC	pg/L	5000	416	28.6U	23.3U	1230	8410
PCB-150	NC	pg/L	10.1U	10.4U	10.2U	10.2U	10.0U	18.2U
PCB-152	NC	pg/L	10.1U	10.4U	10.2U	10.2U	10.0U	18.7U
PCB-155	NC	pg/L	10.1U	10.4U	10.2U	10.2U	10.0U	14.3U
PCB-156	NC	pg/L	20.3U	20.7U	20.4U	20.3U	20.1U	20.3U
PCB-158/160	NC	pg/L	16.1K	10.4U	13.2U	10.2U	10.0U	24.9U
PCB-159	NC	pg/L	10.1U	10.4U	10.2U	10.2U	10.0U	10.2U
PCB-16/32	NC	pg/L	14.7U	663	25.8	14.9K	1730	8150
PCB-167	NC	pg/L	10.1U	10.4U	10.2U	10.2U	10.0U	10.2U
PCB-169	NC	pg/L	10.1U	10.4U	10.2U	10.2U	10.0U	10.2U
PCB-17	NC	pg/L	9070	546	17.4U	14.5K	2070	12000
PCB-170	NC	pg/L	10.6U	10.4U	14.0U	10.2U	10.0U	16.0U
PCB-172	NC	pg/L	10.1U	10.4U	13.4U	10.2U	10.0U	15.7U
PCB-174	NC	pg/L	21.9	10.4U	11.7U	10.2U	8.85K	27.7K
PCB-175	NC	pg/L	10.1U	10.4U	10.2U	10.2U	10.0U	14.1U
PCB-176	NC	pg/L	10.1U	10.4U	10.2U	10.2U	10.0U	10.9U
PCB-177	NC	pg/L	10.7U	10.4U	13.4U	10.2U	10.0U	15.7U
PCB-178	NC	pg/L	10.1U	10.4U	10.2U	10.2U	10.0U	14.9U
PCB-179	NC	pg/L	13	10.4U	10.2U	10.2U	6.11K	10.5U
PCB-180	NC	pg/L	32.3	20.7U	20.4U	20.3U	16.6J	46.1
PCB-181	NC	pg/L	10.3U	10.4U	12.2U	10.2U	10.0U	14.8U
PCB-182/187	NC	pg/L	10.1U	10.4U	10.2U	10.2U	10.0U	14.2U
PCB-184	NC	pg/L	10.1U	10.4U	10.2U	10.2U	10.0U	10.4U
PCB-186	NC	pg/L	10.1U	10.4U	10.2U	10.2U	10.0U	11.4U
PCB-188	NC	pg/L	10.1U	10.4U	10.2U	10.2U	10.0U	12.2U
PCB-189	NC	pg/L	10.1U	10.4U	10.2U	10.2U	10.0U	10.2U
PCB-19	NC	pg/L	2570	119K	16.8U	10.2U	454	3010
PCB-190	NC	pg/L	10.1U	10.4U	10.6U	10.2U	10.0U	12.2U
PCB-191	NC	pg/L	10.1U	10.4U	10.2U	10.2U	10.0U	11.9U
PCB-192	NC	pg/L	10.1U	10.4U	10.6U	10.2U	10.0U	12.7U
PCB-194	NC	pg/L	10.1U	10.4U	10.8U	10.2U	10.0U	11.9U
PCB-195	NC	pg/L	10.1U	10.4U	10.2U	10.2U	10.0U	11.0U
PCB-196/203	NC	pg/L	10.1U	10.4U	10.2U	10.2U	10.0U	10.2U
PCB-197	NC	pg/L	20.3U	20.7U	20.4U	20.3U	20.1U	20.3U
PCB-198	NC	pg/L	20.3U	20.7U	20.4U	20.3U	20.1U	20.3U
PCB-2	NC	pg/L	23.4K	10.4U	10.2U	10.2U	10.0U	21
PCB-20/21/33	NC	pg/L	19900	2320	48.6K	32.2K	5510	29800
PCB-202	NC	pg/L	10.1U	10.4U	10.2U	10.2U	10.0U	10.2U
PCB-204	NC	pg/L	10.1U	10.4U	10.2U	10.2U	10.0U	10.2U

Notes:

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Table 7
Honeywell
SCA Hydrogeologic Investigation
Shallow Monitoring Wells
Method 1668B High Resolution PCBs Data

Parameter Name	New York State Class GA Standards	Field Sample ID	SCA-0016-05	SCA-0019-03	SCA-0023-01	SCA-0021-02	SCA-0023-02	SCA-0019-01
		Location	SB915-MW-98S	SB915-MW-99S	SB915-MW-100S	SB915-MW-101S	SB915-MW-102S	SB915-MW-103S
		Sample Date	9/21/2011	9/22/2011	9/26/2011	9/23/2011	9/26/2011	9/22/2011
		Sample Depth	24-34 FT	22-32 FT	22-32 FT	22-32 FT	20-30 FT	68-78 FT
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Units						
PCB-205	NC	pg/L	10.1U	10.4U	10.2U	10.2U	10.0U	10.2U
PCB-207	NC	pg/L	10.1U	10.4U	11.2U	10.2U	10.0U	12.8U
PCB-208	NC	pg/L	10.1U	10.5U	11.8U	10.2U	10.0U	11.5U
PCB-22	NC	pg/L	8760	1320	22.2K	16.8K	2440	12500
PCB-23	NC	pg/L	30.6	10.4U	12.2U	10.2U	10.0U	37.8
PCB-24/27	NC	pg/L	4870	10.4U	13.5U	10.2U	91.9	540
PCB-25	NC	pg/L	1240	170	10.2U	10.2U	335	1930
PCB-26	NC	pg/L	3260	409	17.1J	20.3U	845	4550
PCB-27	NC	pg/L	1660	95.7	12.1U	10.2U	324	1950
PCB-3	NC	pg/L	73.4K	8.76J	10.2U	10.2U	10.0U	89.7
PCB-32	NC	pg/L	6050	437	16.3K	10.2U	1440	8080
PCB-34	NC	pg/L	59.7K	10.4U	11.9U	10.2U	15.4	85.8
PCB-35	NC	pg/L	203	41.7	10.2U	11.0U	67.3K	306
PCB-36	NC	pg/L	20.5U	12.4U	10.2U	10.2U	18.6U	34.2U
PCB-37	NC	pg/L	4120	871	10.2U	11.6U	1020	7240
PCB-38	NC	pg/L	22.2U	14.2U	10.2U	10.2U	20.1U	35.7U
PCB-39	NC	pg/L	55.8K	12.7U	10.2U	11.2U	20.0U	34.6U
PCB-4/10	NC	pg/L	5480	330	46.6U	24.2U	794	4840
PCB-40	NC	pg/L	4560	1000	50.1U	20.2K	1170	34.9U
PCB-41/64/71/72	NC	pg/L	1270	250	57.1U	16.0U	314	44.7U
PCB-42/59	NC	pg/L	2050	519	54.1U	13.3U	719	42.7U
PCB-43/49	NC	pg/L	458	95.3	74.6U	15.2U	89.2	47.5U
PCB-45	NC	pg/L	2900	379	20.4U	20.3U	726	3900
PCB-46	NC	pg/L	977	170	12.6U	10.2U	283	1400
PCB-48/75	NC	pg/L	2290	487	56.0U	14.3U	537	39.1U
PCB-49	NC	pg/L	4570	808	47.1U	20.3U	1540	32.1U
PCB-50	NC	pg/L	1810	251	20.4U	20.3U	489	2760
PCB-54	NC	pg/L	50.6K	10.4U	10.2U	10.2U	11.7K	62.6K
PCB-55	NC	pg/L	236K	27.2K	10.4U	10.2U	82.4K	279
PCB-56/60	NC	pg/L	3560	338	10.2U	10.2U	841	4460
PCB-57	NC	pg/L	44.8	13.1U	10.7U	10.2U	11.9U	71.3K
PCB-58	NC	pg/L	41.7U	12.9U	10.6U	10.2U	12.2U	15.8K
PCB-6	NC	pg/L	2260	156	24.9U	29.3U	418	2300
PCB-61/70	NC	pg/L	10400	1190	45.4	41.8K	2550	12600
PCB-63	NC	pg/L	236K	35.2	10.2U	10.2U	81.2	333
PCB-66	NC	pg/L	5870	581	18.9K	19.7K	1640	7650
PCB-67	NC	pg/L	294	36.1	10.2U	10.2U	79	337
PCB-68	NC	pg/L	39.3U	12.0U	10.2U	10.2U	11.4U	18.1K
PCB-7/9	NC	pg/L	363	23.0U	26.7U	31.1U	57.3	352
PCB-73	NC	pg/L	72.7	10.4U	39.3U	11.1U	13.2U	28.1U

Notes:

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Table 7
Honeywell
SCA Hydrogeologic Investigation
Shallow Monitoring Wells
Method 1668B High Resolution PCBs Data

Parameter Name	New York State Class GA Standards	Field Sample ID	SCA-0016-05	SCA-0019-03	SCA-0023-01	SCA-0021-02	SCA-0023-02	SCA-0019-01
		Location	SB915-MW-98S	SB915-MW-99S	SB915-MW-100S	SB915-MW-101S	SB915-MW-102S	SB915-MW-103S
		Sample Date	9/21/2011	9/22/2011	9/26/2011	9/23/2011	9/26/2011	9/22/2011
		Sample Depth	24-34 FT	22-32 FT	22-32 FT	22-32 FT	20-30 FT	68-78 FT
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Units						
PCB-77	NC	pg/L	394	61.9	12.7U	10.2U	118	795
PCB-78	NC	pg/L	38.8U	12.7U	10.4U	10.2U	10.0U	22.5U
PCB-79	NC	pg/L	34.7U	10.4U	10.2U	10.2U	10.0U	18.3U
PCB-8	NC	pg/L	6600	714	24.1U	27.4U	1340	6830
PCB-80	NC	pg/L	36.3U	11.3U	10.2U	10.2U	10.0U	19.2U
PCB-81	NC	pg/L	35.1U	15.4U	11.8U	10.2U	10.0U	61.6
PCB-82	NC	pg/L	289	39.1K	23.3U	13.4U	62.4	359
PCB-83	NC	pg/L	88.5	37.1U	24.2U	14.4U	20.2K	111
PCB-84/92	NC	pg/L	525	103K	23.4U	13.7U	156K	717
PCB-85/116	NC	pg/L	304	31.1U	30.6U	30.5U	69	385
PCB-86	NC	pg/L	954	154	61.2U	11.8K	220	1220
PCB-88/91	NC	pg/L	308	58.9	21.5U	20.3U	75.2	356
PCB-89	NC	pg/L	69.5K	34.7U	22.7U	13.5U	16.9K	96.1K
PCB-9	NC	pg/L	647	22.7U	26.5U	31.0U	115	675
PCB-90/101	NC	pg/L	879	142	38.4K	16.8K	208	1080
PCB-92	NC	pg/L	168	40.1K	21.1U	12.5U	42.9K	198
PCB-93	NC	pg/L	24.3K	32.5U	21.2U	20.3U	20.1U	43.8K
PCB-94	NC	pg/L	27.1K	35.5U	23.2U	13.8U	11.1U	44.8U
PCB-95/98/102	NC	pg/L	1020	270K	32.9K	24.4K	254	1260
PCB-96	NC	pg/L	40.7	12.5K	10.2U	10.2U	12.3	58.7K

Notes:

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Table 7
Honeywell
SCA Hydrogeologic Investigation
Shallow Monitoring Wells
Method 1668B High Resolution PCBs Data

Parameter Name	New York State Class GA Standards	Field Sample ID Location Sample Date Sample Depth Sample Purpose Units	SCA-0001-01	SCA-0004-01
			SB915-WB-02U	SB915-WB-04U
			3/10/2011	3/15/2011
			33-43 FT	28.8-38.8 FT
			Regular sample	Regular sample
TOTALS				
TOTAL DECACB	NC	pg/L	1.86U	1.35U
TOTAL DICHLOROBIPHENYLS	NC	pg/L	133U	142U
TOTAL HEPTACB	NC	pg/L	62.7	13.0U
TOTAL HEXACB	NC	pg/L	216	55.4U
TOTAL MONOCB	NC	pg/L	3.70U	21.0U
TOTAL NONACHLOROBIPHENYLS	NC	pg/L	3.19U	2.14U
TOTAL OCTACB	NC	pg/L	16	2.63U
TOTAL PENTACB	NC	pg/L	317U	201UJ
TOTAL TETRACB	NC	pg/L	385U	509
TOTAL TRICB	NC	pg/L	672	547U
CALCULATED TOTAL PCBs (post validation)	90000	pg/L	966.7	509
TOTAL PCBs (lab reported prior to validation)	90000	pg/L	1800	1490
CONGENERS				
10-DiCB	NC	pg/L	10.1U	1.49J
109-PeCB	NC	pg/L	10.1U	10.3U
112-PeCB	NC	pg/L	10.1U	10.3U
142-HxCB	NC	pg/L	10.1U	10.3U
143-HxCB	NC	pg/L	10.1U	10.3U
160-HxCB	NC	pg/L	10.1U	10.3U
161-HxCB	NC	pg/L	10.1U	10.3U
162-HxCB	NC	pg/L	10.1U	10.3U
164-HxCB	NC	pg/L	10.1U	10.3U
165-HxCB	NC	pg/L	10.1U	10.3U
2,2',3,3',4,4',5,5',6-NONACHLOROBIPHENYL	NC	pg/L	10.1U	10.3U
2,2',3,3',4,4',6-HEPTACHLOROBIPHENYL	NC	pg/L	3.68K	20.5U
2,2',3,3',4,5',6,6'-OCTACHLOROBIPHENYL	NC	pg/L	0.879J	10.3U
2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	NC	pg/L	8.36J	3.12J
2,2',3,4,4',5',6-HEPTACHLOROBIPHENYL	NC	pg/L	5.38J	20.5U
2,2',3,4,4',5-HEXACHLOROBIPHENYL	NC	pg/L	10.1U	10.3U
2,2',3,4,5,5'-HEXACHLOROBIPHENYL	NC	pg/L	8.09K	2.71J
2,2',3,5'-TETRACHLOROBIPHENYL	NC	pg/L	58.7	67.2
2,2',4,4',5,5'-HEXACHLOROBIPHENYL	NC	pg/L	21.2	17.6
2,2',4,4',5,6'-HEXACHLOROBIPHENYL	NC	pg/L	10.1U	10.3U
2,2',5-TRICHLOROBIPHENYL	NC	pg/L	122	64.2
2,3',4,4'-TETRACHLOROBIPHENYL	NC	pg/L	5.71K	12
2,3,3',4',6-PENTACHLOROBIPHENYL	NC	pg/L	46.9	25.6
2,3-DICHLOROBIPHENYL	NC	pg/L	10.1U	2.53K
2,4',5-TRICHLOROBIPHENYL	NC	pg/L	105	96.5B
2-CHLOROBIPHENYL	NC	pg/L	10.1U	17.1K

Notes:

U - Non detect; J - estimated value; R - rejected value;

EMPC - estimated maximum possible concentration; K - congener estimated maximum possible concentration.

NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 7
Honeywell
SCA Hydrogeologic Investigation
Shallow Monitoring Wells
Method 1668B High Resolution PCBs Data

Parameter Name	New York State Class GA Standards	Field Sample ID	SCA-0001-01	SCA-0004-01
		Location	SB915-WB-02U	SB915-WB-04U
		Sample Date	3/10/2011	3/15/2011
		Sample Depth	33-43 FT	28.8-38.8 FT
		Sample Purpose	Regular sample	Regular sample
		Units		
203-OcCB	NC	pg/L	2.59K	10.3U
21-TrCB C33	NC	pg/L	60.1	65.4
59-TeCB C62/75	NC	pg/L	6.25K	9.26K
64-TeCB	NC	pg/L	18	27.6
72-TeCB	NC	pg/L	10.1U	10.3U
98-PeCB C102	NC	pg/L	20.2U	20.5U
PCB 118	NC	pg/L	66.1	32.2B
PCB 153	NC	pg/L	42	9.18J
PCB 209	NC	pg/L	1.86K	1.35J
PCB 52	NC	pg/L	72.6B	77.8B
PCB-103	NC	pg/L	10.1U	10.3U
PCB-104	NC	pg/L	10.1U	10.3U
PCB-105	NC	pg/L	33.8	12.5
PCB-106/118	NC	pg/L	10.1U	10.3U
PCB-107/109	NC	pg/L	20.2U	1.94J
PCB-11	NC	pg/L	25.0B	45.2B
PCB-111/115	NC	pg/L	10.1U	10.3U
PCB-114	NC	pg/L	10.1U	1.05J
PCB-12/13	NC	pg/L	4.54J	5.84J
PCB-120	NC	pg/L	10.1U	10.3U
PCB-121	NC	pg/L	10.1U	10.3U
PCB-122	NC	pg/L	10.1U	10.3U
PCB-123	NC	pg/L	10.1U	10.3U
PCB-126	NC	pg/L	10.1U	10.3U
PCB-127	NC	pg/L	10.1U	10.3U
PCB-128/162	NC	pg/L	14.7J	1.98J
PCB-129	NC	pg/L	62.4	12.2J
PCB-130	NC	pg/L	10.1U	10.3U
PCB-131	NC	pg/L	10.1U	10.3U
PCB-132/161	NC	pg/L	17.4K	5.47J
PCB-133/142	NC	pg/L	10.1U	10.3U
PCB-134/143	NC	pg/L	10.1U	10.3U
PCB-135	NC	pg/L	10.6K	6.29J
PCB-136	NC	pg/L	4.91J	3.04J
PCB-139/149	NC	pg/L	20.2U	20.5U
PCB-14	NC	pg/L	10.1U	10.3U
PCB-144	NC	pg/L	10.1U	1.12K
PCB-145	NC	pg/L	10.1U	10.3U
PCB-146/165	NC	pg/L	10.1U	10.3U
PCB-147	NC	pg/L	28.3	11.0J

Notes:

U - Non detect; J - estimated value; R - rejected value;

EMPC - estimated maximum possible concentration; K - congener estimated maximum possible concentration.

NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 7
Honeywell
SCA Hydrogeologic Investigation
Shallow Monitoring Wells
Method 1668B High Resolution PCBs Data

Parameter Name	New York State Class GA Standards	Field Sample ID	SCA-0001-01	SCA-0004-01
		Location	SB915-WB-02U	SB915-WB-04U
		Sample Date	3/10/2011	3/15/2011
		Sample Depth	33-43 FT	28.8-38.8 FT
		Sample Purpose	Regular sample	Regular sample
		Units		
PCB-148	NC	pg/L	10.1U	10.3U
PCB-15	NC	pg/L	27.1	23.3
PCB-150	NC	pg/L	10.1U	10.3U
PCB-152	NC	pg/L	10.1U	10.3U
PCB-155	NC	pg/L	10.1U	10.3U
PCB-156	NC	pg/L	16.1J	2.36K
PCB-158/160	NC	pg/L	6.90J	10.3U
PCB-159	NC	pg/L	10.1U	10.3U
PCB-16/32	NC	pg/L	62.3	28.2
PCB-167	NC	pg/L	4.70K	10.3U
PCB-169	NC	pg/L	10.1U	10.3U
PCB-17	NC	pg/L	57.3K	36.4
PCB-170	NC	pg/L	13.3	2.09K
PCB-172	NC	pg/L	10.1U	10.3U
PCB-174	NC	pg/L	6.60K	2.58K
PCB-175	NC	pg/L	10.1U	10.3U
PCB-176	NC	pg/L	10.1U	10.3U
PCB-177	NC	pg/L	4.34J	10.3U
PCB-178	NC	pg/L	10.1U	10.3U
PCB-179	NC	pg/L	2.68K	1.70K
PCB-180	NC	pg/L	15.3J	3.49K
PCB-181	NC	pg/L	10.1U	10.3U
PCB-182/187	NC	pg/L	10.1U	10.3U
PCB-184	NC	pg/L	10.1U	10.3U
PCB-186	NC	pg/L	10.1U	10.3U
PCB-188	NC	pg/L	10.1U	10.3U
PCB-189	NC	pg/L	10.1U	10.3U
PCB-19	NC	pg/L	14	6.97J
PCB-190	NC	pg/L	3.06K	10.3U
PCB-191	NC	pg/L	10.1U	10.3U
PCB-192	NC	pg/L	10.1U	10.3U
PCB-194	NC	pg/L	4.68J	1.14K
PCB-195	NC	pg/L	2.02J	10.3U
PCB-196/203	NC	pg/L	1.97K	0.557K
PCB-197	NC	pg/L	20.2U	20.5U
PCB-198	NC	pg/L	3.84J	0.928K
PCB-2	NC	pg/L	10.1U	10.3U
PCB-20/21/33	NC	pg/L	112	119
PCB-202	NC	pg/L	10.1U	10.3U
PCB-204	NC	pg/L	10.1U	10.3U

Notes:

U - Non detect; J - estimated value; R - rejected value;

EMPC - estimated maximum possible concentration; K - congener estimated maximum possible concentration.

NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 7
Honeywell
SCA Hydrogeologic Investigation
Shallow Monitoring Wells
Method 1668B High Resolution PCBs Data

Parameter Name	New York State Class GA Standards	Field Sample ID	SCA-0001-01	SCA-0004-01
		Location	SB915-WB-02U	SB915-WB-04U
		Sample Date	3/10/2011	3/15/2011
		Sample Depth	33-43 FT	28.8-38.8 FT
		Sample Purpose	Regular sample	Regular sample
		Units		
PCB-205	NC	pg/L	10.1U	10.3U
PCB-207	NC	pg/L	10.1U	10.3U
PCB-208	NC	pg/L	10.1U	10.3U
PCB-22	NC	pg/L	44.2	44.8
PCB-23	NC	pg/L	10.1U	10.3U
PCB-24/27	NC	pg/L	10.1U	10.3U
PCB-25	NC	pg/L	8.12K	8.76J
PCB-26	NC	pg/L	23.8K	23.6
PCB-27	NC	pg/L	9.71J	5.81K
PCB-3	NC	pg/L	10.1U	3.86K
PCB-32	NC	pg/L	37.1K	21.1
PCB-34	NC	pg/L	10.1U	10.3U
PCB-35	NC	pg/L	10.1U	3.09K
PCB-36	NC	pg/L	10.1U	10.3U
PCB-37	NC	pg/L	16.8	22.8
PCB-38	NC	pg/L	10.1U	10.3U
PCB-39	NC	pg/L	10.1U	10.3U
PCB-4/10	NC	pg/L	26.8	27.2
PCB-40	NC	pg/L	30.5K	38.2K
PCB-41/64/71/72	NC	pg/L	8.17J	10.9
PCB-42/59	NC	pg/L	13.3	18.2
PCB-43/49	NC	pg/L	10.1U	4.45J
PCB-45	NC	pg/L	21.5	21.6
PCB-46	NC	pg/L	9.27J	7.14J
PCB-48/75	NC	pg/L	17	20.6
PCB-49	NC	pg/L	32.8	35.3
PCB-50	NC	pg/L	16.4K	14.4J
PCB-54	NC	pg/L	10.1U	10.3U
PCB-55	NC	pg/L	10.1U	10.3U
PCB-56/60	NC	pg/L	9.12J	16.7K
PCB-57	NC	pg/L	10.1U	10.3U
PCB-58	NC	pg/L	10.1U	10.3U
PCB-6	NC	pg/L	8.87J	7.02J
PCB-61/70	NC	pg/L	42.8	79.5
PCB-63	NC	pg/L	10.1U	1.97J
PCB-66	NC	pg/L	20.1	39.3
PCB-67	NC	pg/L	10.1U	2.64J
PCB-68	NC	pg/L	10.1U	10.3U
PCB-7/9	NC	pg/L	1.74K	1.27J
PCB-73	NC	pg/L	10.1U	10.3U

Notes:

U - Non detect; J - estimated value; R - rejected value;

EMPC - estimated maximum possible concentration; K - congener estimated maximum possible concentration.

NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 7
Honeywell
SCA Hydrogeologic Investigation
Shallow Monitoring Wells
Method 1668B High Resolution PCBs Data

Parameter Name	New York State Class GA Standards	Field Sample ID	SCA-0001-01	SCA-0004-01
		Location	SB915-WB-02U	SB915-WB-04U
		Sample Date	3/10/2011	3/15/2011
		Sample Depth	33-43 FT	28.8-38.8 FT
		Sample Purpose	Regular sample	Regular sample
		Units		
PCB-77	NC	pg/L	2.49K	4.30K
PCB-78	NC	pg/L	10.1U	10.3U
PCB-79	NC	pg/L	10.1U	10.3U
PCB-8	NC	pg/L	34.1B	25.1B
PCB-80	NC	pg/L	10.1U	10.3U
PCB-81	NC	pg/L	10.1U	10.3U
PCB-82	NC	pg/L	6.05J	5.39K
PCB-83	NC	pg/L	10.1U	10.3U
PCB-84/92	NC	pg/L	14.8K	9.69J
PCB-85/116	NC	pg/L	8.94K	5.99K
PCB-86	NC	pg/L	32.8J	18.9J
PCB-88/91	NC	pg/L	20.2U	7.77J
PCB-89	NC	pg/L	10.1U	10.3U
PCB-9	NC	pg/L	4.82K	3.29J
PCB-90/101	NC	pg/L	43.9	28.2J
PCB-92	NC	pg/L	7.16J	5.12J
PCB-93	NC	pg/L	20.2U	20.5U
PCB-94	NC	pg/L	10.1U	10.3U
PCB-95/98/102	NC	pg/L	35.4B	29.5B
PCB-96	NC	pg/L	10.1U	10.3U

Notes:

U - Non detect; J - estimated value; R - rejected value;

EMPC - estimated maximum possible concentration; K - congener estimated maximum possible concentration.

NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 8
Honeywell
SCA Hydrogeologic Investigation
Shallow Monitoring Wells
Methods 6010/9012/7199/1631 Inorganic Compound Data

Parameter Name	New York State Class GA Standards	Field Sample ID Location Sample Date Sample Depth Sample Purpose Units	SCA-0025-01	SCA-0027-01	SCA-0035-01	SCA-0044-01	SCA-0052-02	SCA-0002-01
			SB915-MW-87S 9/27/2011 25-35 FT Regular sample	SB915-MW-87S 12/6/2011 25-35 FT Regular sample	SB915-MW-87S 3/12/2012 25-35 FT Regular sample	SB915-MW-87S 5/7/2012 25-35 FT Regular sample	SB915-MW-87S 7/11/2012 25-35 FT Regular sample	SB915-MW-88S 3/11/2011 25-35 FT Regular sample
ALUMINUM	NC	mg/L	0.122B	0.091J	0.2U	0.2U	0.502	0.408
ANTIMONY	0.003(G)	mg/L	0.006U	0.0013U	0.006U	0.006U	0.006U	0.006U
ARSENIC	0.025(S)	mg/L	0.003U	0.0027U	0.001J	0.003U	0.0023J	0.003U
BARIIUM	1(S)	mg/L	0.13	0.088J	0.089S	0.092	0.104	0.0723
BERYLLIUM	0.003(G)	mg/L	0.001U	0.00023U	0.001U	0.001U	0.001UJ	0.001U
BORON	1(S)	mg/L	NA	0.025J	0.1U	0.0172J	0.1U	NA
CADMIUM	0.005(S)	mg/L	0.001U	0.00013U	0.001U	0.001U	0.001U	0.001U
CALCIUM	NC	mg/L	111	91	100	113	132	173
HEXAVALENT CHROMIUM	0.05(S)	mg/L	0.0088J	0.0032H	0.0055UJ	0.0064UJ	0.0099J	0.0055U
CHROMIUM	0.05(S)	mg/L	0.0098	0.0049J	0.004J	0.0071	0.0107	0.004U
COBALT	NC	mg/L	0.004U	0.0004U	0.004U	0.004U	0.004U	0.004U
COPPER	0.2(S)	mg/L	0.01U	0.0027U	0.01U	0.0023J	0.01U	0.01U
CYANIDE	0.2(S)	mg/L	0.010U	0.0015R	0.11J	0.0087J	0.010UJ	0.010UJ
IRON	0.3(S)	mg/L	0.0343B	0.1U	0.083J	0.133J	[0.643J]	[0.76]
LEAD	0.025(S)	mg/L	0.003U	0.0013U	0.003U	0.003U	0.003U	0.003U
MAGNESIUM	35(G)	mg/L	17	16	15.6	16.8	22.3J	23.7
MANGANESE	0.3(S)	mg/L	0.0101	0.015U	0.0062	0.0055J	0.0235	0.207J
MERCURY	0.0007(S)	mg/L	1.20E-06	2.3e-006J	0.0000055	0.0000036J	0.0000048	1.27E-06
NICKEL	NC	mg/L	0.0038B	0.0016U	0.01U	0.002J	0.01U	0.01U
POTASSIUM	NC	mg/L	11J	8.1	7.29J	7.68J	6.84	8.55
SELENIUM	0.01(S)	mg/L	0.01U	0.003U	0.01U	0.01U	0.01U	0.01U
SILVER	0.05(S)	mg/L	0.003U	0.00068U	0.0009J	0.003R	0.003U	0.003U
SODIUM	20(S)	mg/L	[45.8]	[39]	[44.2J]	[47.6]	[47.7J]	[87.3]
THALLIUM	0.0005(G)	mg/L	0.002U	0.0024U	0.002U	0.01U	0.01U	0.002U
VANADIUM	NC	mg/L	0.0019B	0.0019U	0.005U	0.005U	0.005U	0.005U
ZINC	2(G)	mg/L	0.0029B	0.02U	0.0125R	0.0166R	0.01U	0.0023J

Notes:

U - Non detect; J - estimated value; R - rejected value;

EMPC - estimated maximum possible concentration; K - congener estimated maximum possible concentration.

NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 8
Honeywell
SCA Hydrogeologic Investigation
Shallow Monitoring Wells
Methods 6010/9012/7199/1631 Inorganic Compound Data

Parameter Name	New York State Class GA Standards	Field Sample ID	SCA-0009-01	SCA-0026-01	SCA-0029-01	SCA-0036-01	SCA-0045-01	SCA-0053-01
		Location	SB915-MW-88S	SB915-MW-88S	SB915-MW-88S	SB915-MW-88S	SB915-MW-88S	SB915-MW-88S
		Sample Date	6/23/2011	9/28/2011	12/8/2011	3/13/2012	5/8/2012	7/12/2012
		Sample Depth	25-35 FT	25-35 FT	25-35 FT	25-35 FT	25-35 FT	25-35 FT
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
	Units							
ALUMINUM	NC	mg/L	0.866	0.649	0.087J	0.2U	0.54	0.243
ANTIMONY	0.003(G)	mg/L	0.006U	0.006U	[0.0043J]	0.006U	0.006U	0.006U
ARSENIC	0.025(S)	mg/L	0.0014J	0.003U	0.0027U	0.0016J	0.003U	0.003
BARIUM	1(S)	mg/L	0.208	0.124	0.15J	0.146	0.224	0.227
BERYLLIUM	0.003(G)	mg/L	0.001U	0.001U	0.00023U	0.001U	0.001U	0.001UJ
BORON	1(S)	mg/L	0.0373J	0.0329J	0.035J	0.1U	0.0396J	0.1UJ
CADMIUM	0.005(S)	mg/L	0.001U	0.001U	0.00013U	0.001U	0.001U	0.001U
CALCIUM	NC	mg/L	391J	238	280	279	401	402
HEXAVALENT CHROMIUM	0.05(S)	mg/L	0.0055R	0.0055R	0.0056U	0.0055R	0.0055R	0.0055U
CHROMIUM	0.05(S)	mg/L	0.0042	0.008	0.0013J	0.0103J	0.0116	0.004U
COBALT	NC	mg/L	0.0017J	0.004U	0.0011J	0.0014J	0.0018J	0.0015J
COPPER	0.2(S)	mg/L	0.0045J	0.003J	0.0027U	0.0028J	0.0032J	0.0046J
CYANIDE	0.2(S)	mg/L	0.010U	0.010UJ	0.0015U	0.010U	0.010UJ	0.010UJ
IRON	0.3(S)	mg/L	[2.06]	[1.28]	[0.85J]	[1.49J]	[2.27J]	[1.92J]
LEAD	0.025(S)	mg/L	0.003U	0.003U	0.0013U	0.003U	0.003U	0.0034
MAGNESIUM	35(G)	mg/L	[50]	31.8	[38]	[36.8]	[39.2]	[36.9J]
MANGANESE	0.3(S)	mg/L	[0.621]	[0.305]	[0.32]	[0.347]	[0.452]	[0.455]
MERCURY	0.0007(S)	mg/L	3.74E-06	2.11E-06	5e-007U	0.00000079	0.0000025J	0.0000018J
NICKEL	NC	mg/L	0.0082J	0.01U	0.0016U	0.0056J	0.0061J	0.0061J
POTASSIUM	NC	mg/L	12.8	11.1	12	12.4J	18.3J	21.5
SELENIUM	0.01(S)	mg/L	0.01U	0.01U	0.003U	0.0032J	0.01U	0.01U
SILVER	0.05(S)	mg/L	0.003U	0.0021J	0.00068U	0.003U	0.003U	0.003U
SODIUM	20(S)	mg/L	[182J]	[125]	[160]	[149]	[192]	[194J]
THALLIUM	0.0005(G)	mg/L	0.002U	0.01U	0.0024U	0.01U	0.01U	0.01U
VANADIUM	NC	mg/L	0.0005J	0.005U	0.0019U	0.0008J	0.0015J	0.0011J
ZINC	2(G)	mg/L	0.0111J	0.01U	0.02U	0.0128R	0.0142R	0.0067J

Notes:

U - Non detect; J - estimated value; R - rejected value;

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NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 8
Honeywell
SCA Hydrogeologic Investigation
Shallow Monitoring Wells
Methods 6010/9012/7199/1631 Inorganic Compound Data

Parameter Name	New York State Class GA Standards	Field Sample ID	SCA-0003-01	SCA-0010-01	SCA-0022-04	SCA-0031-01	SCA-0039-01	SCA-0046-01
		Location	SB915-MW-89S	SB915-MW-89S	SB915-MW-89S	SB915-MW-89S	SB915-MW-89S	SB915-MW-89S
		Sample Date	3/14/2011	6/24/2011	9/26/2011	12/12/2011	3/16/2012	5/9/2012
		Sample Depth	22-32 FT	22-32 FT	22-32 FT	22-32 FT	22-32 FT	22-32 FT
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Units						
ALUMINUM	NC	mg/L	0.2U	1.9	0.2U	0.93	0.731	0.444
ANTIMONY	0.003(G)	mg/L	0.006U	0.006U	0.006U	0.0013U	0.006U	0.006U
ARSENIC	0.025(S)	mg/L	0.003U	0.003U	0.003U	0.0027U	0.003U	0.003U
BARIUM	1(S)	mg/L	0.0498	0.0673	0.0706	0.076J	0.0715	0.0662
BERYLLIUM	0.003(G)	mg/L	0.001U	0.001U	0.001U	0.00023U	0.001U	0.001U
BORON	1(S)	mg/L	NA	0.054J	0.0504J	0.061J	0.1U	0.0563J
CADMIUM	0.005(S)	mg/L	0.001U	0.001U	0.001U	0.005U	0.001U	0.001U
CALCIUM	NC	mg/L	164	207J	235	260	235	242
HEXAVALENT CHROMIUM	0.05(S)	mg/L	0.0055U	0.0055R	0.0027R	0.011U,H	0.0055U	0.0055U
CHROMIUM	0.05(S)	mg/L	[0.0524]	0.0087	0.004U	0.0086	0.0059	0.007
COBALT	NC	mg/L	0.004U	0.004U	0.004U	0.0029J	0.0026J	0.004U
COPPER	0.2(S)	mg/L	0.01U	0.01U	0.01U	0.0027U	0.01U	0.0031J
CYANIDE	0.2(S)	mg/L	0.010UJ	0.010U	0.010UJ	0.0015U	0.010U	0.010UJ
IRON	0.3(S)	mg/L	[0.313]	[2.62]	0.161	[1.3]	[0.782]	[0.728J]
LEAD	0.025(S)	mg/L	0.003U	0.0031	0.0039	0.0013U	0.003U	0.003U
MAGNESIUM	35(G)	mg/L	17.8	27.7	25.3	29	26.4	28.4
MANGANESE	0.3(S)	mg/L	[0.441]	[0.53]	[0.594]	[0.64]	[0.628]	[0.646]
MERCURY	0.0007(S)	mg/L	5.30E-07	4.67E-06	1.41E-06	2.2e-006J	0.0000013	0.0000018J
NICKEL	NC	mg/L	0.0222	0.01U	0.0062J	0.0054J	0.0032J	0.01U
POTASSIUM	NC	mg/L	15.2	14.4	13.7	14	13.8	12.9J
SELENIUM	0.01(S)	mg/L	0.01U	0.01U	0.01U	0.003U	0.0041J	0.01U
SILVER	0.05(S)	mg/L	0.003U	0.003U	0.003U	0.00068U	0.003U	0.003U
SODIUM	20(S)	mg/L	[108]	[103J]	[123]	[140]	[133]	[127]
THALLIUM	0.0005(G)	mg/L	0.002U	[0.0024J]	0.002U	0.0024U	0.002U	0.002U
VANADIUM	NC	mg/L	0.005U	0.005U	0.005U	0.0019U	0.005U	0.005U
ZINC	2(G)	mg/L	0.155	0.0189J	0.0346	0.0088J	0.017R	0.018R

Notes:

U - Non detect; J - estimated value; R - rejected value;

EMPC - estimated maximum possible concentration; K - congener estimated maximum possible concentration.

NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 8
Honeywell
SCA Hydrogeologic Investigation
Shallow Monitoring Wells
Methods 6010/9012/7199/1631 Inorganic Compound Data

Parameter Name	New York State Class GA Standards	Field Sample ID	SCA-0055-04	SCA-0021-01	SCA-0032-01	SCA-0040-01	SCA-0047-01	SCA-0056-01
		Location	SB915-MW-89S	SB915-MW-90S	SB915-MW-90S	SB915-MW-90S	SB915-MW-90S	SB915-MW-90S
		Sample Date	7/14/2012	9/23/2011	12/13/2011	3/19/2012	5/10/2012	7/17/2012
		Sample Depth	22-32 FT	22-32 FT	22-32 FT	22-32 FT	22-32 FT	22-32 FT
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Units						
ALUMINUM	NC	mg/L	0.152J	0.424	2.4J	2.16	0.686	0.137J
ANTIMONY	0.003(G)	mg/L	0.006U	[0.006]	[0.0083J]	0.006U	0.0014J	0.006U
ARSENIC	0.025(S)	mg/L	0.003U	0.003U	0.0027U	0.003U	0.003U	0.003U
BARIUM	1(S)	mg/L	0.0666	0.15	0.13J	0.121	0.128	0.106
BERYLLIUM	0.003(G)	mg/L	0.001U	0.001U	0.00023U	0.001U	0.001U	0.001U
BORON	1(S)	mg/L	0.0854J	NA	0.089J	0.1U	0.1J	0.0634J
CADMIUM	0.005(S)	mg/L	0.001U	0.001	0.005U	0.001U	0.001U	0.001U
CALCIUM	NC	mg/L	253	789	730	658	814	617
HEXAVALENT CHROMIUM	0.05(S)	mg/L	0.0055R	0.0055UJ	0.011U	0.0055UJ	0.0055R	0.0055U
CHROMIUM	0.05(S)	mg/L	0.004U	0.0048	0.012	0.0182	0.0071J	0.004R
COBALT	NC	mg/L	0.004U	0.0064	0.0025J	0.004U	0.004U	0.0016J
COPPER	0.2(S)	mg/L	0.01U	0.006J	0.0082J	0.01U	0.0045J	0.01U
CYANIDE	0.2(S)	mg/L	0.010U	0.010UJ	0.0015U	0.010U	0.010U	0.010U
IRON	0.3(S)	mg/L	0.127	[2.89]	[5J]	[4.48]	[2.47J]	[1.96J]
LEAD	0.025(S)	mg/L	0.003U	0.003U	0.002J	0.0024J	0.003U	0.003U
MAGNESIUM	35(G)	mg/L	28.4	[63.2]	[65]	[60.1]	[60.4]	[45.1J]
MANGANESE	0.3(S)	mg/L	[0.648]	[1.59]	[1.2]	[1.15]	[1.27]	[1.21J]
MERCURY	0.0007(S)	mg/L	0.0000016J	2.10E-06	3.4e-006J	0.0000076	0.0000011J	0.0000018J
NICKEL	NC	mg/L	0.01U	0.01U	0.008J	0.01U	0.01U	0.01U
POTASSIUM	NC	mg/L	12.7	30.8	28	25.4	27J	24.9J
SELENIUM	0.01(S)	mg/L	0.01U	[0.0204]	0.003U	[0.0102]	0.01U	0.0036J
SILVER	0.05(S)	mg/L	0.003U	0.003U	0.00068U	0.003U	0.003U	0.003U
SODIUM	20(S)	mg/L	[127]	[589]	[580]	[464]	[497]	[454]
THALLIUM	0.0005(G)	mg/L	0.01U	0.1U	[0.004J]	0.002U	0.004U	0.01U
VANADIUM	NC	mg/L	0.005U	0.005U	0.0039J	0.0052	0.005U	0.0026J
ZINC	2(G)	mg/L	0.01U	0.01U	0.02U	0.0826J	0.0181R	0.019

Notes:

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NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 8
Honeywell
SCA Hydrogeologic Investigation
Shallow Monitoring Wells
Methods 6010/9012/7199/1631 Inorganic Compound Data

Parameter Name	New York State Class GA Standards	Field Sample ID Location Sample Date Sample Depth Sample Purpose Units	SCA-0006-02	SCA-0012-01	SCA-0018-01	SCA-0028-02	SCA-0042-02	SCA-0050-02
			SB915-MW-91SN 3/17/2011 78-88 FT Regular sample	SB915-MW-91SN 6/28/2011 78-88 FT Regular sample	SB915-MW-91SN 9/22/2011 78-88 FT Regular sample	SB915-MW-91SN 12/7/2011 78-88 FT Regular sample	SB915-MW-91SN 3/21/2012 78-88 FT Regular sample	SB915-MW-91SN 5/15/2012 78-88 FT Regular sample
ALUMINUM	NC	mg/L	0.241	0.711	0.2U	0.24	0.103J	0.112J
ANTIMONY	0.003(G)	mg/L	0.006U	0.006U	[0.007]	[0.009J]	[0.0071J]	0.0016J
ARSENIC	0.025(S)	mg/L	0.003U	0.003U	0.003U	0.0027U	0.009U	0.003U
BARIUM	1(S)	mg/L	0.259	0.27	0.207	0.25	0.248	0.323
BERYLLIUM	0.003(G)	mg/L	0.001U	0.001U	0.001U	0.00023U	0.001U	0.001U
BORON	1(S)	mg/L	NA	0.0706J	0.0577J	0.057J	0.0501J	0.061J
CADMIUM	0.005(S)	mg/L	0.0006J	0.001U	0.001U	0.00025J	0.001U	0.001U
CALCIUM	NC	mg/L	948	941	827	890	912	1110
HEXAVALENT CHROMIUM	0.05(S)	mg/L	0.0055UJ	0.0055UJ	0.0055U	0.0056UJ	0.0055U	0.0055U
CHROMIUM	0.05(S)	mg/L	0.0068	0.0061	0.0026B	0.0059	0.012U	0.02U
COBALT	NC	mg/L	0.0021B	0.004U	0.007	0.0014J	0.0074	0.0028J
COPPER	0.2(S)	mg/L	0.0037B	0.0042J	0.0017J	0.0027U	0.03U	0.0057J
CYANIDE	0.2(S)	mg/L	0.0090J	0.010U	0.010UJ	0.0015U	0.010U	0.010U
IRON	0.3(S)	mg/L	[0.336]	[0.429]	0.263	0.28R	[0.407]	[0.302]
LEAD	0.025(S)	mg/L	0.0041	0.003U	0.003U	0.0013U	0.009U	0.0032
MAGNESIUM	35(G)	mg/L	[41.9]	[48.3]	[42.9]	[38]	[41.9]	[44.1J]
MANGANESE	0.3(S)	mg/L	[0.635]	[0.763]	[0.694]	[0.6]	[0.685]	[0.639J]
MERCURY	0.0007(S)	mg/L	7.71E-06	1.02E-05	5.48E-06	5.1e-006J	0.0000091	0.0000095J
NICKEL	NC	mg/L	0.0082J	0.0118	0.0071J	0.0048J	0.0138	0.0053J
POTASSIUM	NC	mg/L	27.4	30.5	25	27	28.2	34.3
SELENIUM	0.01(S)	mg/L	0.01U	0.01U	[0.0155]	0.003U	0.03U	0.01U
SILVER	0.05(S)	mg/L	0.003U	0.0009J	0.003U	0.00068U	0.0033	0.003U
SODIUM	20(S)	mg/L	[493J]	[588]	[546]	[600]	[454]	[635]
THALLIUM	0.0005(G)	mg/L	0.02U	0.002U	0.01U	[0.0035J]	0.01U	0.01U
VANADIUM	NC	mg/L	0.0006J	0.005U	0.005U	0.0019U	0.005U	0.005U
ZINC	2(G)	mg/L	0.01U	0.0122	0.01U	0.02U	0.0143R	0.0734J

Notes:

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NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 8
Honeywell
SCA Hydrogeologic Investigation
Shallow Monitoring Wells
Methods 6010/9012/7199/1631 Inorganic Compound Data

Parameter Name	New York State Class GA Standards	Field Sample ID Location Sample Date Sample Depth Sample Purpose Units	SCA-0057-02	SCA-0006-01	SCA-0012-02	SCA-0018-03	SCA-0028-01	SCA-0042-01
			SB915-MW-91SN 7/18/2012 78-88 FT Regular sample	SB915-MW-91S 3/17/2011 21-41 FT Regular sample	SB915-MW-91S 6/28/2011 21-41 FT Regular sample	SB915-MW-91S 9/22/2011 21-41 FT Regular sample	SB915-MW-91S 12/7/2011 21-41 FT Regular sample	SB915-MW-91S 3/21/2012 21-41 FT Regular sample
ALUMINUM	NC	mg/L	0.2U	1U	0.358J	10U	1.5J	2U
ANTIMONY	0.003(G)	mg/L	0.006U	0.03U	0.006U	0.3U	[0.1]	[0.0514J]
ARSENIC	0.025(S)	mg/L	0.003U	0.015U	0.0115	0.15U	0.069U	0.03U
BARIUM	1(S)	mg/L	0.307	[2.76]	[2.66]	[2.41]	[2.3]	[2.5]
BERYLLIUM	0.003(G)	mg/L	0.001U	0.005U	0.001U	0.001U	0.0058U	0.001U
BORON	1(S)	mg/L	0.1U	NA	0.0026J	5U	0.033U	1U
CADMIUM	0.005(S)	mg/L	0.001U	[0.0054]	0.001U	0.05U	0.0033U	0.01U
CALCIUM	NC	mg/L	518	7750	7390	7300	7300	6380
HEXAVALENT CHROMIUM	0.05(S)	mg/L	0.0055U	0.0055UJ	0.0055UJ	0.0055U	0.0056U	0.0055U
CHROMIUM	0.05(S)	mg/L	0.004U	0.0113J	0.004U	0.2U	0.014U	0.04U
COBALT	NC	mg/L	0.0024J	0.04U	0.004U	0.2U	0.01U	0.0444
COPPER	0.2(S)	mg/L	0.01U	0.0076J	0.0032J	0.0949J	0.068U	0.1U
CYANIDE	0.2(S)	mg/L	0.010U	0.011J	0.010U	0.010UJ	0.0015U	0.010U
IRON	0.3(S)	mg/L	[0.364J]	0.0876J	0.133	5U	0.3U	0.1U
LEAD	0.025(S)	mg/L	0.003U	[0.0367]	0.0132J	0.15U	0.032U	0.03U
MAGNESIUM	35(G)	mg/L	[40.4]	1.34J	0.344J	0.446J	0.87J	0.25J
MANGANESE	0.3(S)	mg/L	[0.599]	0.0214	0.0066	0.15U	0.017U	0.0047J
MERCURY	0.0007(S)	mg/L	0.0000105	0.000465	0.000425	0.000377	8.1e-006J	0.0000050U
NICKEL	NC	mg/L	0.0088J	0.0115J	0.1U	0.5U	0.039U	0.0446J
POTASSIUM	NC	mg/L	35J	292	274	289	260	257
SELENIUM	0.01(S)	mg/L	0.0032J	0.1U	[0.0119]	0.5U	0.076U	[0.0681J]
SILVER	0.05(S)	mg/L	0.003	0.0046J	0.0123J	0.15U	0.017U	0.0157J
SODIUM	20(S)	mg/L	[591]	[3020J]	[3080]	[3090]	[3400]	[2540]
THALLIUM	0.0005(G)	mg/L	0.01U	0.1U	0.02U	0.02U	0.059U	0.1U
VANADIUM	NC	mg/L	0.0017J	0.025U	0.005U	0.25U	0.047U	0.05U
ZINC	2(G)	mg/L	0.01U	0.05U	0.1U	0.5U	0.062U	0.1U

Notes:

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NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 8
Honeywell
SCA Hydrogeologic Investigation
Shallow Monitoring Wells
Methods 6010/9012/7199/1631 Inorganic Compound Data

Parameter Name	New York State Class GA Standards	Field Sample ID	SCA-0050-01	SCA-0057-05	SCA-0005-01	SCA-0013-01	SCA-0015-03	SCA-0030-01
		Location	SB915-MW-91S	SB915-MW-91S	SB915-MW-92S	SB915-MW-92S	SB915-MW-92S	SB915-MW-92S
		Sample Date	5/15/2012	7/18/2012	3/16/2011	6/29/2011	9/20/2011	12/9/2011
		Sample Depth	21-41 FT	21-41 FT	28-48 FT	28-48 FT	28-48 FT	28-48 FT
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Units						
ALUMINUM	NC	mg/L	2.58J	1.68J	0.163J	0.639B	1U	1.2
ANTIMONY	0.003(G)	mg/L	0.06U	0.006U	0.03U	0.03U	[0.047]	0.013U
ARSENIC	0.025(S)	mg/L	0.03U	0.003U	0.0081J	0.015U	0.015U	0.027U
BARIUM	1(S)	mg/L	[2.39]	[2.49]	[1.99]	[1.58]	[1.88]	[1.5]
BERYLLIUM	0.003(G)	mg/L	0.01U	0.001U	0.002U	0.001U	0.005U	0.0012U
BORON	1(S)	mg/L	0.0116J	0.1U	NA	0.1U	0.5U	0.0066U
CADMIUM	0.005(S)	mg/L	0.01U	0.001U	0.0032	0.0026	0.005U	0.025U
CALCIUM	NC	mg/L	7010	6910	4430J	4490	5480	4300
HEXAVALENT CHROMIUM	0.05(S)	mg/L	0.0055U	0.0055U	0.0055U	0.0055U	0.0055U	0.011U
CHROMIUM	0.05(S)	mg/L	0.04U	0.004U	0.0079J	0.013	0.0176J	0.035
COBALT	NC	mg/L	0.04U	0.0019J	0.02U	0.0082	0.0359	0.25U
COPPER	0.2(S)	mg/L	0.021J	0.0034J	0.02U	0.0049J	0.05U	0.014U
CYANIDE	0.2(S)	mg/L	0.010U	0.010U	0.010UJ	0.0035J	0.010UJ	0.0015U
IRON	0.3(S)	mg/L	0.162J	0.1U	0.5U	0.5U	[0.866]	0.5U
LEAD	0.025(S)	mg/L	0.03U	0.03U	0.015U	0.015U	0.015U	0.0063U
MAGNESIUM	35(G)	mg/L	0.542J	1U	0.127J	0.384J	0.426J	0.79J
MANGANESE	0.3(S)	mg/L	0.0823J	0.0049	0.006U	0.0056	0.0058J	0.075U
MERCURY	0.0007(S)	mg/L	0.000341	0.000242	0.00029	0.000234	0.000263	8.40E-05
NICKEL	NC	mg/L	0.1U	0.1U	0.0511	0.0575	0.0697	0.051J
POTASSIUM	NC	mg/L	279	302J	163	142	146	110
SELENIUM	0.01(S)	mg/L	0.1U	0.0039J	0.05U	[0.135]	[0.0968]	0.03U
SILVER	0.05(S)	mg/L	0.03U	[0.0533]	0.015U	0.003U	0.0038J	0.0034U
SODIUM	20(S)	mg/L	[2820]	[603]	[2910]	[2780]	[3680]	[2400J]
THALLIUM	0.0005(G)	mg/L	0.02U	0.1U	0.04U	0.05U	0.01U	[0.019J]
VANADIUM	NC	mg/L	0.05U	0.005U	0.01U	0.005U	0.025U	0.0093U
ZINC	2(G)	mg/L	0.1U	0.0031J	0.05U	0.05U	0.0122J	0.014J

Notes:

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NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 8
Honeywell
SCA Hydrogeologic Investigation
Shallow Monitoring Wells
Methods 6010/9012/7199/1631 Inorganic Compound Data

Parameter Name	New York State Class GA Standards	Field Sample ID	SCA-0043-01	SCA-0051-01	SCA-0056-07	SCA-0014-01	SCA-0033-01	SCA-0041-01
		Location	SB915-MW-92S	SB915-MW-92S	SB915-MW-92S	SB915-MW-93S	SB915-MW-93S	SB915-MW-93S
		Sample Date	3/22/2012	5/16/2012	7/17/2012	9/19/2011	12/14/2011	3/20/2012
		Sample Depth	28-48 FT	28-48 FT	28-48 FT	22-32 FT	22-32 FT	22-32 FT
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Units						
ALUMINUM	NC	mg/L	0.203J	0.282J	1U	0.176J	1.7J	1.82
ANTIMONY	0.003(G)	mg/L	[0.0284J]	0.018U	0.03U	[0.0068]	[0.0089J]	0.006U
ARSENIC	0.025(S)	mg/L	0.03U	0.0037J	0.015U	0.003U	0.0027U	0.004J
BARIUM	1(S)	mg/L	[1.53]	[1.52]	[1.75]	0.159	0.17J	0.178
BERYLLIUM	0.003(G)	mg/L	0.001U	0.001U	0.001U	0.001U	0.00023U	0.001U
BORON	1(S)	mg/L	1U	0.3U	0.5U	NA	0.051J	0.0468J
CADMIUM	0.005(S)	mg/L	0.01U	0.003U	0.005U	0.001U	0.005U	0.001U
CALCIUM	NC	mg/L	3870	3900	4540	788J	870	864
HEXAVALENT CHROMIUM	0.05(S)	mg/L	0.0055U	0.0055U	0.0055R	0.0055U	0.011U	0.0055U
CHROMIUM	0.05(S)	mg/L	0.08U	0.0053R	0.02U	0.0039J	0.01	0.0095J
COBALT	NC	mg/L	0.04U	0.0083J	0.0078J	0.0093	0.0055J	0.0055
COPPER	0.2(S)	mg/L	0.1U	0.0053J	0.0102	0.01U	0.0073J	0.01U
CYANIDE	0.2(S)	mg/L	0.010U	0.010U	0.010U	0.010UJ	0.0015U	0.010U
IRON	0.3(S)	mg/L	0.1U	0.0854J	0.5U	[0.57]	[2.5J]	[2.96]
LEAD	0.025(S)	mg/L	0.03U	0.03U	0.0091J	0.0014J	0.0029J	0.0026J
MAGNESIUM	35(G)	mg/L	0.216J	0.147J	0.115J	[48.1]	[52]	[52.5]
MANGANESE	0.3(S)	mg/L	0.0039J	0.0127J	0.0164J	[1.42]	[1.4]	[1.4]
MERCURY	0.0007(S)	mg/L	0.000182	0.000153	0.000155	1.45E-06	5.2e-006J	0.0000065
NICKEL	NC	mg/L	0.0761J	0.0475J	0.0534	0.0111	0.0088J	0.01U
POTASSIUM	NC	mg/L	114	113	150J	32.4	41	37.4
SELENIUM	0.01(S)	mg/L	0.1U	0.05U	[0.0165J]	[0.0165]	0.003U	[0.0131]
SILVER	0.05(S)	mg/L	0.0127J	[0.0896]	0.015U	0.003U	0.00068U	0.003U
SODIUM	20(S)	mg/L	[816]	[2210]	[2880]	[403]	[390]	[363]
THALLIUM	0.0005(G)	mg/L	0.1U	0.01U	0.05U	0.002U	[0.0046J]	0.006U
VANADIUM	NC	mg/L	0.05U	0.005U	0.0028J	0.005U	0.0026J	0.005U
ZINC	2(G)	mg/L	0.1U	0.0433R	0.0045J	0.01U	0.02U	0.0257J

Notes:

U - Non detect; J - estimated value; R - rejected value;

EMPC - estimated maximum possible concentration; K - congener estimated maximum possible concentration.

NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 8
Honeywell
SCA Hydrogeologic Investigation
Shallow Monitoring Wells
Methods 6010/9012/7199/1631 Inorganic Compound Data

Parameter Name	New York State Class GA Standards	Field Sample ID Location Sample Date Sample Depth Sample Purpose Units	SCA-0049-01	SCA-0054-03	SCA-0016-01	SCA-0031-05	SCA-0037-01	SCA-0048-01
			SB915-MW-93S	SB915-MW-93S	SB915-MW-94S	SB915-MW-94S	SB915-MW-94S	SB915-MW-94S
			Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
ALUMINUM	NC	mg/L	1.79J	0.114J	1.08	0.21	0.2U	0.203J
ANTIMONY	0.003(G)	mg/L	0.006U	0.006U	0.006U	0.0013U	0.006U	0.006U
ARSENIC	0.025(S)	mg/L	0.0022J	0.003U	0.003U	0.0027U	0.003U	0.003U
BARIUM	1(S)	mg/L	0.162	0.151	0.0844	0.065J	0.0835	0.0838
BERYLLIUM	0.003(G)	mg/L	0.001U	0.001U	0.001U	0.00023U	0.001U	0.001U
BORON	1(S)	mg/L	0.0605J	0.1U	0.0176J	0.031J	0.1U	0.0134J
CADMIUM	0.005(S)	mg/L	0.001U	0.001U	0.001U	0.005U	0.001U	0.001U
CALCIUM	NC	mg/L	747	751	170	140	192	190
HEXAVALENT CHROMIUM	0.05(S)	mg/L	0.0055U	0.0055U	0.0055U	0.011UJ	0.0055R	0.0055U
CHROMIUM	0.05(S)	mg/L	0.0058R	0.004U	0.0254	0.0052	0.0209J	0.0356J
COBALT	NC	mg/L	0.0055	0.0044	0.0008J	0.00053J	0.004U	0.0016J
COPPER	0.2(S)	mg/L	0.0149	0.0035J	0.0078J	0.0027U	0.01U	0.0125
CYANIDE	0.2(S)	mg/L	0.0037J	0.010U	0.010UJ	0.0015U	0.010R	0.010U
IRON	0.3(S)	mg/L	[3.31]	[0.617]	[1.05]	0.25	0.245J	[0.445J]
LEAD	0.025(S)	mg/L	0.003U	0.003U	0.0018J	0.0013U	0.003U	0.003U
MAGNESIUM	35(G)	mg/L	[52.7J]	[37.4]	[35.2]	28	[41.7]	[39.6]
MANGANESE	0.3(S)	mg/L	[1.27J]	[1.23]	[0.706]	[0.3]	[1.17]	[1.41]
MERCURY	0.0007(S)	mg/L	0.0000110J	0.000003	1.07E-06	7.2e-007J	0.0000014	0.0000016J
NICKEL	NC	mg/L	0.0087J	0.0068J	0.0216	0.003J	0.0212	0.0266J
POTASSIUM	NC	mg/L	38.1	36.9	5.53	4.3J	4.64J	4.54J
SELENIUM	0.01(S)	mg/L	[0.0105]	0.0036B	0.0028J	0.003U	0.01U	0.0034J
SILVER	0.05(S)	mg/L	0.0024J	0.003U	0.003U	0.00068U	0.003U	0.003U
SODIUM	20(S)	mg/L	[346]	[349]	[54.7]	[53]	[60]	[61.4]
THALLIUM	0.0005(G)	mg/L	0.002U	[0.0024J]	0.002U	0.0024U	0.002U	0.002U
VANADIUM	NC	mg/L	0.0043J	0.0023J	0.0019J	0.0019U	0.005U	0.0018J
ZINC	2(G)	mg/L	0.0516J	0.0038U	0.0341	0.014J	0.0175R	0.024J

Notes:

U - Non detect; J - estimated value; R - rejected value;

EMPC - estimated maximum possible concentration; K - congener estimated maximum possible concentration.

NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 8
Honeywell
SCA Hydrogeologic Investigation
Shallow Monitoring Wells
Methods 6010/9012/7199/1631 Inorganic Compound Data

Parameter Name	New York State Class GA Standards	Field Sample ID	SCA-0052-01	SCA-0016-02	SCA-0029-05	SCA-0037-02	SCA-0048-02	SCA-0053-05
		Location	SB915-MW-94S	SB915-MW-95S	SB915-MW-95S	SB915-MW-95S	SB915-MW-95S	SB915-MW-95S
		Sample Date	7/11/2012	9/21/2011	12/8/2011	3/14/2012	5/11/2012	7/12/2012
		Sample Depth	20-30 FT	26-36 FT	26-36 FT	26-36 FT	26-36 FT	26-36 FT
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
	Units							
ALUMINUM	NC	mg/L	0.2U	0.122J	0.32	0.2U	0.2U	0.0863J
ANTIMONY	0.003(G)	mg/L	0.006U	0.006U	[0.0061J]	0.0017J	0.006U	0.006U
ARSENIC	0.025(S)	mg/L	0.003U	0.003U	0.0027U	0.003U	0.003U	0.0022J
BARIUM	1(S)	mg/L	0.078	0.351	0.34	0.166	0.158	0.164
BERYLLIUM	0.003(G)	mg/L	0.001UJ	0.001U	0.00023U	0.001U	0.001U	0.001UJ
BORON	1(S)	mg/L	0.1U	0.0502J	0.048J	0.1U	0.0311J	0.0403J
CADMIUM	0.005(S)	mg/L	0.001U	0.001U	0.00016J	0.001U	0.001U	0.001U
CALCIUM	NC	mg/L	180	538	500	278	218	256
HEXAVALENT CHROMIUM	0.05(S)	mg/L	0.0055R	0.0099	0.011	0.0024J	0.0055U	0.0055U
CHROMIUM	0.05(S)	mg/L	0.004U	0.0077	0.012	0.004U	0.0027J	0.0023J
COBALT	NC	mg/L	0.004U	0.001J	0.00071J	0.004U	0.004U	0.004U
COPPER	0.2(S)	mg/L	0.01U	0.0031J	0.0027U	0.01U	0.0017J	0.0017J
CYANIDE	0.2(S)	mg/L	0.010UJ	0.010UJ	0.0015U	0.010R	0.010U	0.010UJ
IRON	0.3(S)	mg/L	0.0966J	0.1U	0.1U	0.0263J	0.1U	0.1U
LEAD	0.025(S)	mg/L	0.003U	0.0027J	0.0013U	0.003U	0.003U	0.003U
MAGNESIUM	35(G)	mg/L	[37.1]	[43.1]	[36]	21	22.8	20.9J
MANGANESE	0.3(S)	mg/L	[1.15J]	0.188	0.17	0.0277	0.0134J	0.0432
MERCURY	0.0007(S)	mg/L	0.0000020J	4.20E-07	6.7e-007J	0.00000049J	0.00000093J	0.00000056J
NICKEL	NC	mg/L	0.01U	0.0079J	0.0016U	0.01U	0.01U	0.01U
POTASSIUM	NC	mg/L	4.33	25.5	24	10.4J	9.36	11.9
SELENIUM	0.01(S)	mg/L	0.01U	0.005J	0.003U	0.01U	0.0037J	0.01U
SILVER	0.05(S)	mg/L	0.003U	0.003U	0.00068U	0.003U	0.003U	0.003U
SODIUM	20(S)	mg/L	[62.6J]	[357]	[370]	[193]	[199]	[238J]
THALLIUM	0.0005(G)	mg/L	0.01U	0.002U	0.0024U	0.002U	0.002U	0.01U
VANADIUM	NC	mg/L	0.005U	0.0012J	0.0023J	0.005U	0.001J	0.0013J
ZINC	2(G)	mg/L	0.01U	0.01U	0.02U	0.01U	0.0127R	0.01U

Notes:

U - Non detect; J - estimated value; R - rejected value;

EMPC - estimated maximum possible concentration; K - congener estimated maximum possible concentration.

NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 8
Honeywell
SCA Hydrogeologic Investigation
Shallow Monitoring Wells
Methods 6010/9012/7199/1631 Inorganic Compound Data

Parameter Name	New York State Class GA Standards	Field Sample ID Location Sample Date Sample Depth Sample Purpose Units	SCA-0016-03	SCA-0031-06	SCA-0037-03	SCA-0048-03	SCA-0057-09	SCA-0016-04
			SB915-MW-96S	SB915-MW-96S	SB915-MW-96S	SB915-MW-96S	SB915-MW-96S	SB915-MW-97S
			9/21/2011	12/12/2011	3/14/2012	5/11/2012	7/18/2012	9/21/2011
			26-36 FT	26-36 FT	26-36 FT	26-36 FT	26-36 FT	25-35 FT
			Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
ALUMINUM	NC	mg/L	0.165J	0.21	0.473J	0.549	0.0409J	0.165J
ANTIMONY	0.003(G)	mg/L	0.006U	0.0013U	0.0015J	0.006U	0.006U	0.006U
ARSENIC	0.025(S)	mg/L	0.003U	0.0027U	0.001J	0.003U	0.003U	0.003U
BARIUM	1(S)	mg/L	0.0983	0.073J	0.0696	0.0791	0.131	0.0816
BERYLLIUM	0.003(G)	mg/L	0.001U	0.00023U	0.001U	0.001U	0.001U	0.001U
BORON	1(S)	mg/L	0.0457J	0.033J	0.1U	0.0251J	0.1U	0.0375J
CADMIUM	0.005(S)	mg/L	0.001U	0.00013U	0.001U	0.001U	0.001U	0.001U
CALCIUM	NC	mg/L	146	110	118	113	184	295
HEXAVALENT CHROMIUM	0.05(S)	mg/L	0.0055U	0.011UJ	0.0055R	0.0055U	0.0055U	0.0055U
CHROMIUM	0.05(S)	mg/L	0.004U	0.005U	0.004U	0.0029J	0.004U	0.0022J
COBALT	NC	mg/L	0.0005J	0.00054J	0.004U	0.0007J	0.0008J	0.0015J
COPPER	0.2(S)	mg/L	0.0019J	0.0027U	0.01U	0.0034J	0.0014J	0.0034J
CYANIDE	0.2(S)	mg/L	0.010UJ	0.0015U	0.010R	0.010U	0.010U	0.010UJ
IRON	0.3(S)	mg/L	0.177	0.27	[0.674J]	[0.934J]	0.202J	0.24
LEAD	0.025(S)	mg/L	0.003U	0.0013U	0.003U	0.003U	0.003U	0.0022J
MAGNESIUM	35(G)	mg/L	25.3	18	22.8	23	32.5	34.4
MANGANESE	0.3(S)	mg/L	0.266	0.22	0.217	0.235	[0.47]	[0.495]
MERCURY	0.0007(S)	mg/L	1.97E-06	1.1e-006J	0.0000022	0.0000017J	0.0000021J	5.70E-07
NICKEL	NC	mg/L	0.004J	0.0018J	0.01U	0.0046J	0.0039J	0.0084J
POTASSIUM	NC	mg/L	11.5	10	9.24J	10.1J	13.5J	14.8
SELENIUM	0.01(S)	mg/L	0.0019J	0.003U	0.01U	0.01U	0.01U	0.002J
SILVER	0.05(S)	mg/L	0.003U	0.00068U	0.003U	0.003U	0.003U	0.003U
SODIUM	20(S)	mg/L	[71.2]	[80J]	[60.3]	[73.4]	[105]	[136]
THALLIUM	0.0005(G)	mg/L	0.002U	0.0024U	0.002U	0.002U	0.01U	0.002U
VANADIUM	NC	mg/L	0.005U	0.0019U	0.005U	0.0013J	0.0008J	0.0006J
ZINC	2(G)	mg/L	0.0032J	0.0045J	0.0146R	0.013R	0.01U	0.0157

Notes:

U - Non detect; J - estimated value; R - rejected value;

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NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 8
Honeywell
SCA Hydrogeologic Investigation
Shallow Monitoring Wells
Methods 6010/9012/7199/1631 Inorganic Compound Data

Parameter Name	New York State Class GA Standards	Field Sample ID	SCA-0032-05	SCA-0037-04	SCA-0048-04	SCA-0055-03	SCA-0016-05	SCA-0032-06
		Location	SB915-MW-97S	SB915-MW-97S	SB915-MW-97S	SB915-MW-97S	SB915-MW-98S	SB915-MW-98S
		Sample Date	12/13/2011	3/14/2012	5/11/2012	7/14/2012	9/21/2011	12/13/2011
		Sample Depth	25-35 FT	25-35 FT	25-35 FT	25-35 FT	24-34 FT	24-34 FT
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
	Units							
ALUMINUM	NC	mg/L	0.52J	1.02J	0.198J	0.107J	0.21	3.1
ANTIMONY	0.003(G)	mg/L	0.0024J	0.006U	0.006U	0.006U	0.006U	[0.0048J]
ARSENIC	0.025(S)	mg/L	0.0027U	0.003U	0.003U	0.003U	0.003U	0.0027U
BARIIUM	1(S)	mg/L	0.052J	0.0516	0.0569	0.0758	0.153	0.13J
BERYLLIUM	0.003(G)	mg/L	0.00023U	0.001U	0.001U	0.001U	0.001U	0.00023U
BORON	1(S)	mg/L	0.043J	0.1U	0.0389J	0.038J	0.0576J	0.051J
CADMIUM	0.005(S)	mg/L	0.00013U	0.001U	0.001U	0.001U	0.001U	0.00013U
CALCIUM	NC	mg/L	210	217	225	250	418	320
HEXAVALENT CHROMIUM	0.05(S)	mg/L	0.011UJ	0.0055R	0.0055U	0.0055R	0.0055U	0.011U
CHROMIUM	0.05(S)	mg/L	0.019B	0.004U	0.0016J	0.0017J	0.004U	0.014
COBALT	NC	mg/L	0.001J	0.004U	0.0008J	0.004U	0.0032J	0.0039J
COPPER	0.2(S)	mg/L	0.0036J	0.01U	0.0034J	0.01U	0.0056J	0.011J
CYANIDE	0.2(S)	mg/L	0.0015U	0.010R	0.010U	0.010U	0.010UJ	0.0015U
IRON	0.3(S)	mg/L	[0.74J]	[1.61J]	[0.348J]	0.201	0.292	[3.6J]
LEAD	0.025(S)	mg/L	0.0013U	0.003U	0.003U	0.003U	0.0016J	0.0019J
MAGNESIUM	35(G)	mg/L	30	34	31.8	[37.5]	[47.6]	[44]
MANGANESE	0.3(S)	mg/L	0.13	0.142	0.191	[0.35]	[0.57]	[0.49]
MERCURY	0.0007(S)	mg/L	2e-006J	0.0000047	0.0000011J	0.00000081J	1.24E-06	8.60E-06
NICKEL	NC	mg/L	0.015J	0.01U	0.0034J	0.01U	0.008J	0.01J
POTASSIUM	NC	mg/L	13	11.6J	12.1J	13.3	17.1	16
SELENIUM	0.01(S)	mg/L	0.003U	0.01U	0.0039J	0.01U	0.0052J	0.003U
SILVER	0.05(S)	mg/L	0.00068U	0.003U	0.003U	0.003U	0.003U	0.00068U
SODIUM	20(S)	mg/L	[170]	[146]	[160]	[174]	[219]	[180]
THALLIUM	0.0005(G)	mg/L	0.0024U	0.002U	0.002U	0.01U	0.002U	0.0024U
VANADIUM	NC	mg/L	0.0019U	0.005U	0.0009J	0.005U	0.0008J	0.0032J
ZINC	2(G)	mg/L	0.02U	0.0175R	0.0138R	0.01U	0.004J	0.031

Notes:

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NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 8
Honeywell
SCA Hydrogeologic Investigation
Shallow Monitoring Wells
Methods 6010/9012/7199/1631 Inorganic Compound Data

Parameter Name	New York State Class GA Standards	Field Sample ID	SCA-0037-07	SCA-0046-05	SCA-0055-02	SCA-0019-03	SCA-0034-03	SCA-0038-01
		Location	SB915-MW-98S	SB915-MW-98S	SB915-MW-98S	SB915-MW-99S	SB915-MW-99S	SB915-MW-99S
		Sample Date	3/14/2012	5/9/2012	7/14/2012	9/22/2011	12/15/2011	3/15/2012
		Sample Depth	24-34 FT	24-34 FT	24-34 FT	22-32 FT	22-32 FT	22-32 FT
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
	Units							
ALUMINUM	NC	mg/L	0.492J	0.2U	0.0724J	0.2U	0.55J	0.57
ANTIMONY	0.003(G)	mg/L	0.0023J	0.006U	0.006U	[0.0062]	0.01U	0.006U
ARSENIC	0.025(S)	mg/L	0.003U	0.0011J	0.003U	0.003U	0.0027U	0.0023J
BARIUM	1(S)	mg/L	0.15	0.141	0.171	0.262	0.27	0.252
BERYLLIUM	0.003(G)	mg/L	0.001U	0.001U	0.001U	0.001U	0.00023U	0.001U
BORON	1(S)	mg/L	0.1U	0.0493J	0.0463J	NA	0.078J	0.1U
CADMIUM	0.005(S)	mg/L	0.001U	0.001U	0.001U	0.001U	0.00013U	0.001U
CALCIUM	NC	mg/L	336	324	346	751	790	767
HEXAVALENT CHROMIUM	0.05(S)	mg/L	0.0055R	0.0055U	0.0055R	0.0055R	0.011UJ	0.0055R
CHROMIUM	0.05(S)	mg/L	0.0017J	0.004U	0.004U	0.0032B	0.0051	0.0035J
COBALT	NC	mg/L	0.004U	0.004U	0.004U	0.0068	0.05U	0.003J
COPPER	0.2(S)	mg/L	0.01U	0.0069J	0.01U	0.0019B	0.0039J	0.01U
CYANIDE	0.2(S)	mg/L	0.010R	0.010UJ	0.010U	0.010UJ	0.0015U	0.010U
IRON	0.3(S)	mg/L	[0.812J]	0.256J	0.213	[1.91]	[2J]	[1.79]
LEAD	0.025(S)	mg/L	0.003U	0.003U	0.003U	0.003U	0.0013U	0.003U
MAGNESIUM	35(G)	mg/L	[40]	[39.1]	[42.1]	[74.4]	[79]	[60.7]
MANGANESE	0.3(S)	mg/L	[0.493]	[0.457]	[0.509]	[2.08]	[2]	[1.78]
MERCURY	0.0007(S)	mg/L	0.0000019	0.0000019J	0.0000010J	1.20E-06	1.8e-006J	0.0000012
NICKEL	NC	mg/L	0.0135	0.01U	0.01U	0.01U	0.0061J	0.01U
POTASSIUM	NC	mg/L	19.6J	20J	20.5	47.2	51	43
SELENIUM	0.01(S)	mg/L	0.01U	0.01U	0.0038J	[0.0147]	0.003U	[0.0117]
SILVER	0.05(S)	mg/L	0.003U	0.001J	0.003U	0.003U	0.00068U	0.003U
SODIUM	20(S)	mg/L	[165]	[188]	[209]	[445]	[440]	[423]
THALLIUM	0.0005(G)	mg/L	0.002U	0.002U	[0.0021J]	0.01U	0.0024U	0.004U
VANADIUM	NC	mg/L	0.005U	0.005U	0.005U	0.005U	0.0056J	0.005U
ZINC	2(G)	mg/L	0.0143R	0.011R	0.01U	0.01U	0.02U	0.0175R

Notes:

U - Non detect; J - estimated value; R - rejected value;

EMPC - estimated maximum possible concentration; K - congener estimated maximum possible concentration.

NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 8
Honeywell
SCA Hydrogeologic Investigation
Shallow Monitoring Wells
Methods 6010/9012/7199/1631 Inorganic Compound Data

Parameter Name	New York State Class GA Standards	Field Sample ID	SCA-0048-05	SCA-0055-08	SCA-0023-01	SCA-0034-02	SCA-0038-02	SCA-0048-06
		Location	SB915-MW-99S	SB915-MW-99S	SB915-MW-100S	SB915-MW-100S	SB915-MW-100S	SB915-MW-100S
		Sample Date	5/11/2012	7/14/2012	9/26/2011	12/15/2011	3/15/2012	5/11/2012
		Sample Depth	22-32 FT	22-32 FT	22-32 FT	22-32 FT	22-32 FT	22-32 FT
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
	Units							
ALUMINUM	NC	mg/L	0.45	0.541	12.9	1.1J	0.644	0.6U
ANTIMONY	0.003(G)	mg/L	0.006U	0.0021J	0.0021J	0.0013U	0.0016J	0.006U
ARSENIC	0.025(S)	mg/L	0.0018J	0.0023J	0.004	0.0027U	0.0017J	0.0052
BARIUM	1(S)	mg/L	0.168	0.174	0.168	[2.4]	[1.61]	[2.1]
BERYLLIUM	0.003(G)	mg/L	0.001U	0.001U	0.0004J	0.00023U	0.001U	0.001U
BORON	1(S)	mg/L	0.0737J	0.0675J	NA	0.11J	0.144	0.112J
CADMIUM	0.005(S)	mg/L	0.001U	0.001U	0.001U	0.00013U	0.001U	0.001U
CALCIUM	NC	mg/L	530	490	391	1600	1370	1520
HEXAVALENT CHROMIUM	0.05(S)	mg/L	0.0055U	0.0055R	0.0055R	0.0111UJ	0.0055R	0.0055U
CHROMIUM	0.05(S)	mg/L	0.0044R	0.0046	0.0209	[0.06]	0.0071J	0.0023J
COBALT	NC	mg/L	0.0029J	0.004U	0.009	0.05U	0.0026J	0.0027J
COPPER	0.2(S)	mg/L	0.0036J	0.01U	0.0248	0.0084J	0.01U	0.003J
CYANIDE	0.2(S)	mg/L	0.010U	0.010U	0.010UJ	0.0015U	0.010U	0.010U
IRON	0.3(S)	mg/L	[1.44J]	[1.78]	[17.1]	[2.5J]	[1.03]	[0.722J]
LEAD	0.025(S)	mg/L	0.003U	0.003U	0.0033	0.0013U	0.015U	0.009U
MAGNESIUM	35(G)	mg/L	[46.6]	[45.8]	[102]	[220]	[152]	[188]
MANGANESE	0.3(S)	mg/L	[1.15]	[1.2]	0.186	0.12	0.0782	0.079
MERCURY	0.0007(S)	mg/L	0.0000023J	0.0000030J	0.000217	2.8e-006J	0.0000017	0.0000052R
NICKEL	NC	mg/L	0.0067J	0.0106	0.0297	0.042	0.05U	0.03U
POTASSIUM	NC	mg/L	33.8J	31.2	26	130	80.5	103
SELENIUM	0.01(S)	mg/L	0.0077J	0.0062J	0.009J	0.003U	[0.0159J]	0.03U
SILVER	0.05(S)	mg/L	0.0015J	0.003U	0.003U	0.00068U	0.003U	0.009U
SODIUM	20(S)	mg/L	[298]	[237]	[243]	[1200]	[935]	[882]
THALLIUM	0.0005(G)	mg/L	0.002U	0.01U	0.002U	0.0024U	0.01U	0.006U
VANADIUM	NC	mg/L	0.0022J	0.005U	0.0192	0.007J	0.005U	0.0011J
ZINC	2(G)	mg/L	0.0185R	0.0049J	0.0327	0.02U	0.0202J	0.0159R

Notes:

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EMPC - estimated maximum possible concentration; K - congener estimated maximum possible concentration.

NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 8
Honeywell
SCA Hydrogeologic Investigation
Shallow Monitoring Wells
Methods 6010/9012/7199/1631 Inorganic Compound Data

Parameter Name	New York State Class GA Standards	Field Sample ID Location Sample Date Sample Depth Sample Purpose Units	SCA-0055-09	SCA-0021-02	SCA-0034-01	SCA-0038-03	SCA-0047-05	SCA-0054-01
			SB915-MW-100S 7/14/2012 22-32 FT Regular sample	SB915-MW-101S 9/23/2011 22-32 FT Regular sample	SB915-MW-101S 12/15/2011 22-32 FT Regular sample	SB915-MW-101S 3/15/2012 22-32 FT Regular sample	SB915-MW-101S 5/10/2012 22-32 FT Regular sample	SB915-MW-101S 7/13/2012 22-32 FT Regular sample
ALUMINUM	NC	mg/L	1U	0.727	23J	0.48	0.37	0.2U
ANTIMONY	0.003(G)	mg/L	0.03U	[0.0096J]	0.01U	0.006U	0.006U	0.012U
ARSENIC	0.025(S)	mg/L	0.0017J	0.009U	0.0097J	0.0024J	0.0024J	0.003U
BARIIUM	1(S)	mg/L	[1.97]	[1.58]	[1.1]	[1.86]	[1.24]	[1.36]
BERYLLIUM	0.003(G)	mg/L	0.001U	0.001U	0.004U	0.001U	0.001U	0.001U
BORON	1(S)	mg/L	0.0978J	NA	0.19J	0.132	0.134J	0.13J
CADMIUM	0.005(S)	mg/L	0.001U	0.001	0.005U	0.001U	0.001U	0.001U
CALCIUM	NC	mg/L	1420	1200	1300	1400	1230	1130
HEXAVALENT CHROMIUM	0.05(S)	mg/L	0.0055R	0.0055UJ	0.011UJ	0.0055R	0.0044J	0.0055U
CHROMIUM	0.05(S)	mg/L	0.004U	0.0099	[0.055]	0.0285	0.012U	0.004U
COBALT	NC	mg/L	0.004U	0.0103	0.017J	0.0022J	0.004U	0.0029J
COPPER	0.2(S)	mg/L	0.01U	0.0058J	0.069	0.01U	0.0032J	0.0024J
CYANIDE	0.2(S)	mg/L	0.010U	0.010UJ	0.0025J	0.010U	0.010U	0.010U
IRON	0.3(S)	mg/L	[0.63]	[1.7]	[31J]	[1.01]	[0.841J]	[0.735]
LEAD	0.025(S)	mg/L	0.003U	0.003U	0.021	0.015U	0.0053J	0.006U
MAGNESIUM	35(G)	mg/L	[183]	[112]	[270]	[136]	[124]	[109]
MANGANESE	0.3(S)	mg/L	0.0693	[0.493]	[1.3]	[0.678]	[0.657]	[0.559]
MERCURY	0.0007(S)	mg/L	0.00000050U	2.38E-06	1.80E-05	0.000006	0.0000013J	0.00000074
NICKEL	NC	mg/L	0.0073J	0.019	0.054	0.0148J	0.03U	0.0048J
POTASSIUM	NC	mg/L	92.1	70.4	70	70.8	59J	63.3
SELENIUM	0.01(S)	mg/L	0.05U	0.0047J	0.003U	0.05U	0.0038J	0.0058J
SILVER	0.05(S)	mg/L	0.003U	0.003U	0.00068U	0.003U	0.003U	0.003U
SODIUM	20(S)	mg/L	[777]	[761]	[710]	[879]	[685]	[767]
THALLIUM	0.0005(G)	mg/L	[0.0017J]	0.03U	0.0024U	0.01U	0.006U	[0.0039J]
VANADIUM	NC	mg/L	0.005U	0.005U	0.039J	0.005U	0.005U	0.0018J
ZINC	2(G)	mg/L	0.01U	0.01U	0.08	0.022J	0.0161R	0.01U

Notes:

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EMPC - estimated maximum possible concentration; K - congener estimated maximum possible concentration.

NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 8
Honeywell
SCA Hydrogeologic Investigation
Shallow Monitoring Wells
Methods 6010/9012/7199/1631 Inorganic Compound Data

Parameter Name	New York State Class GA Standards	Field Sample ID Location Sample Date Sample Depth Sample Purpose Units	SCA-0023-02	SCA-0033-05	SCA-0038-04	SCA-0049-05	SCA-0054-02	SCA-0019-01
			SB915-MW-102S 9/26/2011 20-30 FT Regular sample	SB915-MW-102S 12/14/2011 20-30 FT Regular sample	SB915-MW-102S 3/15/2012 20-30 FT Regular sample	SB915-MW-102S 5/14/2012 20-30 FT Regular sample	SB915-MW-102S 7/13/2012 20-30 FT Regular sample	SB915-MW-103S 9/22/2011 68-78 FT Regular sample
ALUMINUM	NC	mg/L	0.2U	0.44J	0.493	0.0668J	0.2U	0.2U
ANTIMONY	0.003(G)	mg/L	[0.0069]	[0.007J]	0.006U	0.006U	0.006U	0.002J
ARSENIC	0.025(S)	mg/L	0.003U	0.0027U	0.0039	0.0029J	0.0014J	0.003U
BARIUM	1(S)	mg/L	0.134	0.11J	0.109	0.1	0.104	0.12
BERYLLIUM	0.003(G)	mg/L	0.001U	0.00023U	0.001U	0.001U	0.001U	0.001U
BORON	1(S)	mg/L	NA	0.053J	0.1U	0.0568J	0.1U	NA
CADMIUM	0.005(S)	mg/L	0.001U	0.00013U	0.001U	0.001U	0.001U	0.001U
CALCIUM	NC	mg/L	776	670	670	646	682	290
HEXAVALENT CHROMIUM	0.05(S)	mg/L	0.0055R	0.011U	0.0055R	0.0055U	0.0055U	0.0055R
CHROMIUM	0.05(S)	mg/L	0.0016J	0.005U	0.0054	0.004U	0.004U	0.0056
COBALT	NC	mg/L	0.0073	0.0017J	0.0022J	0.0022J	0.0024J	0.004U
COPPER	0.2(S)	mg/L	0.0026B	0.0042J	0.01U	0.0074J	0.01U	0.0035J
CYANIDE	0.2(S)	mg/L	0.010UJ	0.0015U	0.010U	0.010U	0.010U	0.010UJ
IRON	0.3(S)	mg/L	[4.89]	[4.6J]	[4.6]	[3.95]	[4.21]	0.1U
LEAD	0.025(S)	mg/L	0.003U	0.0013U	0.003U	0.003U	0.003U	0.003U
MAGNESIUM	35(G)	mg/L	[48.1]	[43]	[40.6]	[36.9J]	[37.9]	29.6
MANGANESE	0.3(S)	mg/L	[0.77]	[0.65]	[0.743]	[0.686J]	[0.712]	0.0102
MERCURY	0.0007(S)	mg/L	8.10E-07	5e-007U	0.0000021	0.00000055R	0.00000034J	3.90E-07
NICKEL	NC	mg/L	0.01U	0.0016U	0.01U	0.0032J	0.0019J	0.01U
POTASSIUM	NC	mg/L	29.4	27	24.5	24.6	25.4	8.76
SELENIUM	0.01(S)	mg/L	[0.0156]	0.003U	[0.0112]	0.0089J	0.0025J	0.01U
SILVER	0.05(S)	mg/L	0.003U	0.00068U	0.003U	0.0027J	0.003U	0.003U
SODIUM	20(S)	mg/L	[537]	[470]	[436]	[356]	[436]	[202]
THALLIUM	0.0005(G)	mg/L	0.002U	[0.0032J]	0.002U	0.002U	0.01U	0.01U
VANADIUM	NC	mg/L	0.005U	0.0019U	0.005U	0.0011J	0.0016J	0.005U
ZINC	2(G)	mg/L	0.01U	0.02U	0.0189J	0.022J	0.01U	0.01U

Notes:

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NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 8
Honeywell
SCA Hydrogeologic Investigation
Shallow Monitoring Wells
Methods 6010/9012/7199/1631 Inorganic Compound Data

Parameter Name	New York State Class GA Standards	Field Sample ID	SCA-0030-04	SCA-0043-04	SCA-0051-04	SCA-0057-08	SCA-0001-01	SCA-0008-06
		Location	SB915-MW-103S	SB915-MW-103S	SB915-MW-103S	SB915-MW-103S	SB915-WB-02U	SB915-WB-02U
		Sample Date	12/9/2011	3/22/2012	5/16/2012	7/18/2012	3/10/2011	6/22/2011
		Sample Depth	68-78 FT	68-78 FT	68-78 FT	68-78 FT	33-43 FT	33-43 FT
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Units						
ALUMINUM	NC	mg/L	0.2U	0.016J	0.2U	0.2U	0.2U	0.156J
ANTIMONY	0.003(G)	mg/L	0.0016J	0.0025J	0.006U	0.006U	0.006U	0.006U
ARSENIC	0.025(S)	mg/L	0.0027U	0.003U	0.003U	0.003U	0.0011	0.003U
BARIUM	1(S)	mg/L	0.23	0.199	0.224	0.123	0.0318	0.0381
BERYLLIUM	0.003(G)	mg/L	0.00023U	0.001U	0.001U	0.001U	0.001U	0.001U
BORON	1(S)	mg/L	0.035J	0.0298J	0.1U	0.1U	NA	0.0314J
CADMIUM	0.005(S)	mg/L	0.005U	0.001U	0.001U	0.001U	0.001U	0.001U
CALCIUM	NC	mg/L	300	287	292	280	142	141J
HEXAVALENT CHROMIUM	0.05(S)	mg/L	0.011UJ	0.0055U	0.0055U	0.0055U	0.0055U	0.0055UJ
CHROMIUM	0.05(S)	mg/L	0.005U	0.004U	0.004U	0.004U	0.004U	0.0028J
COBALT	NC	mg/L	0.0004U	0.004U	0.0007J	0.004U	0.004U	0.004U
COPPER	0.2(S)	mg/L	0.0027U	0.0017J	0.0035J	0.01U	0.01U	0.0018J
CYANIDE	0.2(S)	mg/L	0.0015U	0.010U	0.010U	0.091	0.0046J	0.010UJ
IRON	0.3(S)	mg/L	0.1U	0.1U	0.0426J	0.1U	0.1U	0.1U
LEAD	0.025(S)	mg/L	0.0013U	0.0038	0.003U	0.003U	0.003U	0.003U
MAGNESIUM	35(G)	mg/L	28	30.2	29.4J	30.1	26.4	25.9
MANGANESE	0.3(S)	mg/L	0.015U	0.0086	0.0174J	0.0231	0.0093	0.019
MERCURY	0.0007(S)	mg/L	7.2e-007J	0.0000015	0.0000015J	0.00000051J	3.55E-06	1.36E-06
NICKEL	NC	mg/L	0.0019J	0.0064J	0.01U	0.0035J	0.01U	0.01U
POTASSIUM	NC	mg/L	13	11.2	9.77	8.83J	4.05	3.82
SELENIUM	0.01(S)	mg/L	0.003U	0.01U	0.01U	0.01U	0.01U	0.01U
SILVER	0.05(S)	mg/L	0.00068U	0.0017J	0.0062	0.0013J	0.003U	0.003U
SODIUM	20(S)	mg/L	[240J]	[228]	[214]	[191]	[50.6]	[45.3J]
THALLIUM	0.0005(G)	mg/L	0.0024U	0.01U	0.002U	0.01U	[0.002U]	0.002U
VANADIUM	NC	mg/L	0.0019U	0.005U	0.0011J	0.005U	0.005U	0.005U
ZINC	2(G)	mg/L	0.0083J	0.0146R	0.0147R	0.01U	0.0039J	0.0105J

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Table 8
Honeywell
SCA Hydrogeologic Investigation
Shallow Monitoring Wells
Methods 6010/9012/7199/1631 Inorganic Compound Data

Parameter Name	New York State Class GA Standards	Field Sample ID	SCA-0004-01	SCA-0011-03
		Location	SB915-WB-04U	SB915-WB-04U
		Sample Date	3/15/2011	6/27/2011
		Sample Depth	28.8-38.8 FT	28.8-38.8 FT
		Sample Purpose	Regular sample	Regular sample
	Units			
ALUMINUM	NC	mg/L	0.2U	0.497
ANTIMONY	0.003(G)	mg/L	0.006U	0.006U
ARSENIC	0.025(S)	mg/L	0.0024J	0.006U
BARIUM	1(S)	mg/L	0.14	0.171
BERYLLIUM	0.003(G)	mg/L	0.001U	0.001U
BORON	1(S)	mg/L	NA	0.0702J
CADMIUM	0.005(S)	mg/L	0.001U	0.001U
CALCIUM	NC	mg/L	782	974
HEXAVALENT CHROMIUM	0.05(S)	mg/L	0.0055R	0.0055R
CHROMIUM	0.05(S)	mg/L	0.0023J	0.0067
COBALT	NC	mg/L	0.0004J	0.001J
COPPER	0.2(S)	mg/L	0.01U	0.0041J
CYANIDE	0.2(S)	mg/L	0.010UJ	0.010U
IRON	0.3(S)	mg/L	[3.26]	[3]
LEAD	0.025(S)	mg/L	0.0036	0.0021J
MAGNESIUM	35(G)	mg/L	[61.7]	[67.3]
MANGANESE	0.3(S)	mg/L	[1.75]	[2.12]
MERCURY	0.0007(S)	mg/L	1.50E-07	1.50E-07
NICKEL	NC	mg/L	0.002J	0.0092J
POTASSIUM	NC	mg/L	29.5	33.9
SELENIUM	0.01(S)	mg/L	0.0016J	[0.0121]
SILVER	0.05(S)	mg/L	0.003U	0.003U
SODIUM	20(S)	mg/L	[554]	[625]
THALLIUM	0.0005(G)	mg/L	0.01U	0.01U
VANADIUM	NC	mg/L	0.005U	0.005U
ZINC	2(G)	mg/L	0.01U	0.0077J

Notes:

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Table 9
Honeywell
SCA Hydrogeologic Investigation
Shallow Monitoring Wells
Other Data

Parameter Name	New York State Class GA Standards	Field Sample ID	SCA-0025-01	SCA-0027-01	SCA-0035-01	SCA-0044-01	SCA-0052-02	SCA-0002-01
		Location	SB915-MW-87S	SB915-MW-87S	SB915-MW-87S	SB915-MW-87S	SB915-MW-87S	SB915-MW-88S
		Sample Date	9/27/2011	12/6/2011	3/12/2012	5/7/2012	7/11/2012	3/11/2011
		Sample Depth	25-35 FT	25-35 FT	25-35 FT	25-35 FT	25-35 FT	25-35 FT
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Units						
ALKALINITY, TOTAL (AS CaCO3)	NC	mg/L	172	NA	152	146J	167	232J
TOTAL ALKALINITY	NC	mg/L	NA	140	NA	NA	NA	NA
BICARBONATE ALKALINITY	NC	mg/L	170	NA	151	NA	NA	NA
BICARBONATE ALKALINITY AS CaCO3	NC	mg/L	NA	140	NA	144J	167	NA
CARBONATE ALKALINITY	NC	mg/L	1.7J	NA	NA	NA	NA	NA
ALKALINITY, CARBONATE (AS CaCO3)	NC	mg/L	NA	0.41U	5U	5.0U	5.0U	NA
BIOCHEMICAL OXYGEN DEMAND, FIVE DAY	NC	mg/L	1.4J	0.79U	3.4U	1.4J	3.4U	2.8J
BROMIDE	2(G)	mg/L	0.58J	0.19U	0.47J	0.68J	0.65J	0.79J
CHLORIDE	250	mg/L	101	110	152	146	87.5	240
CHEMICAL OXYGEN DEMAND	NC	mg/L	20UJ	21R	14.4J	14.8J	16.4J	20UJ
HARDNESS (AS CaCO3)	NC	mg/L	376	300	317	333	423	523
NITROGEN, AMMONIA (AS N)	NC	mg/L	0.20U	0.1U	0.13J	0.089J	0.20UJ	1.1
NITROGEN, KJELDAHL, TOTAL	NC	mg/L	0.20UJ	2.5U	0.20R	0.8U	0.4UJ	0.94J
NITRATE	10(S)	mg/L	NA	NA	0.94	1.1	NA	NA
NITROGEN, NITRATE (AS N)	10(S)	mg/L	1.5	0.85	NA	NA	0.93J	0.14
NITRITE	1(S)	mg/L	NA	NA	0.0023J	NA	NA	NA
NITROGEN, NITRITE	10(S)	mg/L	0.062	NA	NA	0.0071J	0.010U	0.010U
NITROGEN, NITRATE-NITRITE	10(S)	mg/L	1.6	NA	0.94	1.1J	0.93J	0.14
SULFATE	250	mg/L	134	46	35.5	49.9	169	140
TOTAL ORGANIC CARBON	NC	mg/L	1.1	2.4J	2.6	2.1J	1.0R	1.1
TOTAL DISSOLVED SOLIDS	NC	mg/L	403	490	509	496	548	839
TOTAL PHENOLS	0.001(S)	mg/L	0.20U	0.0062U	0.20U	[0.029J]	0.2U	0.20U

Notes:

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Table 9
Honeywell
SCA Hydrogeologic Investigation
Shallow Monitoring Wells
Other Data

Parameter Name	New York State Class GA Standards	Field Sample ID	SCA-0009-01	SCA-0026-01	SCA-0029-01	SCA-0036-01	SCA-0045-01	SCA-0053-01
		Location	SB915-MW-88S	SB915-MW-88S	SB915-MW-88S	SB915-MW-88S	SB915-MW-88S	SB915-MW-88S
		Sample Date	6/23/2011	9/28/2011	12/8/2011	3/13/2012	5/8/2012	7/12/2012
		Sample Depth	25-35 FT	25-35 FT	25-35 FT	25-35 FT	25-35 FT	25-35 FT
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Units						
ALKALINITY, TOTAL (AS CaCO3)	NC	mg/L	187	201	NA	222	191J	198
TOTAL ALKALINITY	NC	mg/L	NA	NA	190	NA	NA	NA
BICARBONATE ALKALINITY	NC	mg/L	NA	NA	NA	222	NA	NA
BICARBONATE ALKALINITY AS CaCO3	NC	mg/L	NA	NA	190	NA	191J	189
CARBONATE ALKALINITY	NC	mg/L	NA	NA	NA	NA	NA	NA
ALKALINITY, CARBONATE (AS CaCO3)	NC	mg/L	NA	NA	0.41U	5U	5.0U	5.0U
BIOCHEMICAL OXYGEN DEMAND, FIVE DAY	NC	mg/L	1.4J	3.8J	5.4	5.0U	2.6J	3.4U
BROMIDE	2(G)	mg/L	3.0U	1.1J	0.48U	[2.7J]	[2.9J]	1.4J
CHLORIDE	250	mg/L	[1020]	[492]	[730]	[633]	[943]	[916]
CHEMICAL OXYGEN DEMAND	NC	mg/L	20U	13.8J	32J	16.3J	20U	47.3J
HARDNESS (AS CaCO3)	NC	mg/L	872	975	980	792	974	1090
NITROGEN, AMMONIA (AS N)	NC	mg/L	3.4	1.7	1.9	2.1	5.8	9.4
NITROGEN, KJELDAHL, TOTAL	NC	mg/L	4.4J	1.7	3.9J	0.22J	34.4	12.4J
NITRATE	10(S)	mg/L	NA	NA	NA	0.070J	0.012J	NA
NITROGEN, NITRATE (AS N)	10(S)	mg/L	0.022J	0.45	0.15	NA	NA	0.012J
NITRITE	1(S)	mg/L	NA	NA	NA	0.010U	NA	NA
NITROGEN, NITRITE	10(S)	mg/L	0.010U	0.010U	NA	NA	0.010U	0.010U
NITROGEN, NITRATE-NITRITE	10(S)	mg/L	0.022J	0.45	NA	0.070J	0.012J	0.012J
SULFATE	250	mg/L	69.3	90.8	65	91.4	82.3	75.3
TOTAL ORGANIC CARBON	NC	mg/L	2.3J	1.2	1.5J	1.4	2.3J	2.1J
TOTAL DISSOLVED SOLIDS	NC	mg/L	2330	1310	1500	1880	2230J	2290
TOTAL PHENOLS	0.001(S)	mg/L	0.2UJ	0.20U	0.0062U	0.2U	0.20UJ	0.2U

Notes:

U - Non detect; J - estimated value; R - rejected value;

EMPC - estimated maximum possible concentration; K - congener estimated maximum possible concentration.

NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 9
Honeywell
SCA Hydrogeologic Investigation
Shallow Monitoring Wells
Other Data

Parameter Name	New York State Class GA Standards	Field Sample ID	SCA-0003-01	SCA-0010-01	SCA-0022-04	SCA-0031-01	SCA-0039-01	SCA-0046-01
		Location	SB915-MW-89S	SB915-MW-89S	SB915-MW-89S	SB915-MW-89S	SB915-MW-89S	SB915-MW-89S
		Sample Date	3/14/2011	6/24/2011	9/26/2011	12/12/2011	3/16/2012	5/9/2012
		Sample Depth	22-32 FT	22-32 FT	22-32 FT	22-32 FT	22-32 FT	22-32 FT
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Units						
ALKALINITY, TOTAL (AS CaCO3)	NC	mg/L	253J	249	244	NA	262	260J
TOTAL ALKALINITY	NC	mg/L	NA	NA	NA	270	NA	NA
BICARBONATE ALKALINITY	NC	mg/L	NA	NA	NA	NA	19.4	NA
BICARBONATE ALKALINITY AS CaCO3	NC	mg/L	NA	NA	NA	270	NA	75.4J
CARBONATE ALKALINITY	NC	mg/L	NA	NA	NA	NA	NA	NA
ALKALINITY, CARBONATE (AS CaCO3)	NC	mg/L	NA	NA	NA	0.41U	5U	5.0U
BIOCHEMICAL OXYGEN DEMAND, FIVE DAY	NC	mg/L	2.0U	5.0U	1.3J	0.79U	3.4U	1.5J
BROMIDE	2(G)	mg/L	0.99J	2.5U	[2.0J]	0.2	1.1J	1.4J
CHLORIDE	250	mg/L	240	[359]	[436]	[470]	[443]	[469]
CHEMICAL OXYGEN DEMAND	NC	mg/L	9.8J	20UJ	20U	31J	20U	20U
HARDNESS (AS CaCO3)	NC	mg/L	478	610	1820	740	702	714
NITROGEN, AMMONIA (AS N)	NC	mg/L	0.39	0.58	0.46	0.79	0.64	1
NITROGEN, KJELDAHL, TOTAL	NC	mg/L	0.77J	0.65R	0.49J	2.5U	0.69J	3.0J
NITRATE	10(S)	mg/L	NA	NA	NA	NA	0.68J	0.82
NITROGEN, NITRATE (AS N)	10(S)	mg/L	0.17	0.48	0.58J	1.2	NA	NA
NITRITE	1(S)	mg/L	NA	NA	NA	NA	0.010U	NA
NITROGEN, NITRITE	10(S)	mg/L	0.0070J	0.010U	0.0013J	NA	NA	0.010U
NITROGEN, NITRATE-NITRITE	10(S)	mg/L	0.18	0.48	0.58J	NA	0.68J	0.82
SULFATE	250	mg/L	116	121	115	120	109	94.7
TOTAL ORGANIC CARBON	NC	mg/L	1U	1U	1.1	2.6	1	1.2J
TOTAL DISSOLVED SOLIDS	NC	mg/L	836	1100	1280	1200	1210J	1510
TOTAL PHENOLS	0.001(S)	mg/L	[0.042J]	0.2UJ	0.20U	0.0062U	0.2U	0.20U

Notes:

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Table 9
Honeywell
SCA Hydrogeologic Investigation
Shallow Monitoring Wells
Other Data

Parameter Name	New York State Class GA Standards	Field Sample ID	SCA-0055-04	SCA-0021-01	SCA-0032-01	SCA-0040-01	SCA-0047-01	SCA-0056-01
		Location	SB915-MW-89S	SB915-MW-90S	SB915-MW-90S	SB915-MW-90S	SB915-MW-90S	SB915-MW-90S
		Sample Date	7/14/2012	9/23/2011	12/13/2011	3/19/2012	5/10/2012	7/17/2012
		Sample Depth	22-32 FT	22-32 FT	22-32 FT	22-32 FT	22-32 FT	22-32 FT
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Units						
ALKALINITY, TOTAL (AS CaCO3)	NC	mg/L	285	127	NA	167	147J	150
TOTAL ALKALINITY	NC	mg/L	NA	NA	150	NA	NA	NA
BICARBONATE ALKALINITY	NC	mg/L	NA	127	NA	167	NA	NA
BICARBONATE ALKALINITY AS CaCO3	NC	mg/L	284	NA	150	NA	146J	149
CARBONATE ALKALINITY	NC	mg/L	NA	0.38J	NA	NA	NA	NA
ALKALINITY, CARBONATE (AS CaCO3)	NC	mg/L	5.0U	NA	0.41U	5U	5.0U	5.0U
BIOCHEMICAL OXYGEN DEMAND, FIVE DAY	NC	mg/L	3.4UJ	2.4J	4.4	2.3J	2.6J	1.3J
BROMIDE	2(G)	mg/L	1.3J	[3.9J]	0.95U	[5.7J]	[5.2J]	[3.4]
CHLORIDE	250	mg/L	[458]	[2600]	[2000]	[1990]	[2010]	[2130]
CHEMICAL OXYGEN DEMAND	NC	mg/L	30.6	25	140J	22.5	10.2J	76.5J
HARDNESS (AS CaCO3)	NC	mg/L	716	2480J	2100	2060	2350	2060
NITROGEN, AMMONIA (AS N)	NC	mg/L	0.79J	8.8	3.6J	3.8	4.4	3.6
NITROGEN, KJELDAHL, TOTAL	NC	mg/L	0.40U	4.3J	7.6	3.1J	5.4J	5.3J
NITRATE	10(S)	mg/L	NA	NA	NA	0.27J	0.84J	NA
NITROGEN, NITRATE (AS N)	10(S)	mg/L	1.3J	1.5J	0.7	NA	NA	0.60J
NITRITE	1(S)	mg/L	NA	NA	NA	0.0033J	NA	NA
NITROGEN, NITRITE	10(S)	mg/L	0.0014J	0.010U	NA	NA	0.010U	0.0061J
NITROGEN, NITRATE-NITRITE	10(S)	mg/L	1.3J	1.5J	NA	0.27J	0.84J	0.61J
SULFATE	250	mg/L	98.5	160	160	162	168	156
TOTAL ORGANIC CARBON	NC	mg/L	1.2R	1.1	1U	1.1	1.1	1.0R
TOTAL DISSOLVED SOLIDS	NC	mg/L	1560	5140	4600	3760	4240	3970
TOTAL PHENOLS	0.001(S)	mg/L	0.20U	0.2U	0.0062U	0.2U	0.20U	0.20U

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NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 9
Honeywell
SCA Hydrogeologic Investigation
Shallow Monitoring Wells
Other Data

Parameter Name	New York State Class GA Standards	Field Sample ID	SCA-0006-02	SCA-0012-01	SCA-0018-01	SCA-0028-02	SCA-0042-02	SCA-0050-02
		Location	SB915-MW-91SN	SB915-MW-91SN	SB915-MW-91SN	SB915-MW-91SN	SB915-MW-91SN	SB915-MW-91SN
		Sample Date	3/17/2011	6/28/2011	9/22/2011	12/7/2011	3/21/2012	5/15/2012
		Sample Depth	78-88 FT	78-88 FT	78-88 FT	78-88 FT	78-88 FT	78-88 FT
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Units						
ALKALINITY, TOTAL (AS CaCO3)	NC	mg/L	141	180	71.6J	NA	167	189
TOTAL ALKALINITY	NC	mg/L	NA	NA	NA	190	NA	NA
BICARBONATE ALKALINITY	NC	mg/L	140	NA	NA	NA	NA	NA
BICARBONATE ALKALINITY AS CaCO3	NC	mg/L	NA	NA	NA	190	167	189
CARBONATE ALKALINITY	NC	mg/L	0.63J	NA	NA	NA	NA	NA
ALKALINITY, CARBONATE (AS CaCO3)	NC	mg/L	NA	NA	NA	0.41U	5U	5.0U
BIOCHEMICAL OXYGEN DEMAND, FIVE DAY	NC	mg/L	1.5J	6.3	1.3J	0.79U	3.4U	3.4U
BROMIDE	2(G)	mg/L	[2.0]	[9.1J]	[4.2J]	0.95U	[7.4J]	[9.2J]
CHLORIDE	250	mg/L	[2490]	[2560]	[2260]	[2600]	[2570]	[2920]
CHEMICAL OXYGEN DEMAND	NC	mg/L	55.4	21.6	20R	130J	56.3	15.2J
HARDNESS (AS CaCO3)	NC	mg/L	2950J	2950J	1930	2900	3020	2790J
NITROGEN, AMMONIA (AS N)	NC	mg/L	1.1	1.3	0.8	1.4	1.3	1.5
NITROGEN, KJELDAHL, TOTAL	NC	mg/L	1.5	1.3J	0.82	3.4J	1.2	2.1J
NITRATE	10(S)	mg/L	0.11U	NA	NA	NA	0.15	0.27
NITROGEN, NITRATE (AS N)	10(S)	mg/L	NA	0.11U	0.24	0.21J	NA	NA
NITRITE	1(S)	mg/L	0.0022J	NA	NA	NA	0.13	NA
NITROGEN, NITRITE	10(S)	mg/L	NA	0.010U	0.010U	NA	NA	0.0065J
NITROGEN, NITRATE-NITRITE	10(S)	mg/L	0.011J	0.10U	0.24	NA	0.28	0.28
SULFATE	250	mg/L	203	214	198	190	233	236
TOTAL ORGANIC CARBON	NC	mg/L	1.5	1.5	1.5	1UJ	1.1	1.0U
TOTAL DISSOLVED SOLIDS	NC	mg/L	4410	5080	4780	4800	4470	5890
TOTAL PHENOLS	0.001(S)	mg/L	0.20U	0.20U	0.2U	0.0062U	0.2U	0.20U

Notes:

U - Non detect; J - estimated value; R - rejected value;

EMPC - estimated maximum possible concentration; K - congener estimated maximum possible concentration.

NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 9
Honeywell
SCA Hydrogeologic Investigation
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Other Data

	Field Sample ID	SCA-0057-02	SCA-0006-01	SCA-0012-02	SCA-0018-03	SCA-0028-01	SCA-0042-01	
	Location	SB915-MW-91SN	SB915-MW-91S	SB915-MW-91S	SB915-MW-91S	SB915-MW-91S	SB915-MW-91S	
	Sample Date	7/18/2012	3/17/2011	6/28/2011	9/22/2011	12/7/2011	3/21/2012	
	Sample Depth	78-88 FT	21-41 FT	21-41 FT	21-41 FT	21-41 FT	21-41 FT	
	New York State Class GA Standards	Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	
Parameter Name	Units							
ALKALINITY, TOTAL (AS CaCO3)	NC	mg/L	189	752	740	562	NA	776
TOTAL ALKALINITY	NC	mg/L	NA	NA	NA	NA	660	NA
BICARBONATE ALKALINITY	NC	mg/L	NA	5.9	NA	NA	NA	NA
BICARBONATE ALKALINITY AS CaCO3	NC	mg/L	189	NA	NA	NA	0.41U	9.5
CARBONATE ALKALINITY	NC	mg/L	NA	392	NA	NA	NA	NA
ALKALINITY, CARBONATE (AS CaCO3)	NC	mg/L	5.0U	NA	NA	NA	86	492
BIOCHEMICAL OXYGEN DEMAND, FIVE DAY	NC	mg/L	5.0U	5.0U	10U	10U	6.3	7.3
BROMIDE	2(G)	mg/L	[4.7J]	[12.9]	[59.4J]	[24.9J]	9.5U	[30.8]
CHLORIDE	250	mg/L	[2840]	[20700]	[18700]	[17300]	[19000]	[17500]
CHEMICAL OXYGEN DEMAND	NC	mg/L	82.0J	2130	984	1820J	NA	1390
HARDNESS (AS CaCO3)	NC	mg/L	2640	26500J	17700J	23100	22000	19600
NITROGEN, AMMONIA (AS N)	NC	mg/L	1.4	5.7	7	3.9	NA	4.9
NITROGEN, KJELDAHL, TOTAL	NC	mg/L	0.99J	6.9	0.91J	1.7	NA	5.7
NITRATE	10(S)	mg/L	NA	0.11U	NA	NA	NA	NA
NITROGEN, NITRATE (AS N)	10(S)	mg/L	0.28J	NA	0.11U	0.11U	NA	NA
NITRITE	1(S)	mg/L	NA	0.12	NA	NA	NA	0.075
NITROGEN, NITRITE	10(S)	mg/L	0.0079J	NA	0.09	0.11	NA	NA
NITROGEN, NITRATE-NITRITE	10(S)	mg/L	0.29J	0.11	0.086J	0.071J	NA	0.051J
SULFATE	250	mg/L	197	11.1	71.3	145	70	[274]
TOTAL ORGANIC CARBON	NC	mg/L	1.0R	6.6	6.6	6.8	2.2J	6.4
TOTAL DISSOLVED SOLIDS	NC	mg/L	5180	31700	29300	31200	32000	27400
TOTAL PHENOLS	0.001(S)	mg/L	0.20U	0.20U	0.20U	0.2U	[0.014]	0.2U

Notes:

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NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 9
Honeywell
SCA Hydrogeologic Investigation
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Other Data

	Field Sample ID	SCA-0050-01	SCA-0057-05	SCA-0005-01	SCA-0013-01	SCA-0015-03	SCA-0030-01	
	Location	SB915-MW-91S	SB915-MW-91S	SB915-MW-92S	SB915-MW-92S	SB915-MW-92S	SB915-MW-92S	
	Sample Date	5/15/2012	7/18/2012	3/16/2011	6/29/2011	9/20/2011	12/9/2011	
	Sample Depth	21-41 FT	21-41 FT	28-48 FT	28-48 FT	28-48 FT	28-48 FT	
	Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	
Parameter Name	New York State Class GA Standards	Units	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	
ALKALINITY, TOTAL (AS CaCO ₃)	NC	mg/L	960	824	789	720	790	NA
TOTAL ALKALINITY	NC	mg/L	NA	NA	NA	NA	NA	650
BICARBONATE ALKALINITY	NC	mg/L	NA	NA	8.5	NA	NA	NA
BICARBONATE ALKALINITY AS CaCO ₃	NC	mg/L	9.3	6.7	NA	NA	NA	0.41U
CARBONATE ALKALINITY	NC	mg/L	NA	NA	479	NA	NA	NA
ALKALINITY, CARBONATE (AS CaCO ₃)	NC	mg/L	605	455	NA	NA	NA	87
BIOCHEMICAL OXYGEN DEMAND, FIVE DAY	NC	mg/L	4.8U	9.4	3.4U	13	68.5	30
BROMIDE	2(G)	mg/L	[66.1J]	[16.4J]	[9.9J]	[40.3J]	[24.6J]	[5.3J]
CHLORIDE	250	mg/L	[16800]	[17600]	[14800]	[11800]	[12200]	[12000]
CHEMICAL OXYGEN DEMAND	NC	mg/L	863	1840	667	126	857	23000J
HARDNESS (AS CaCO ₃)	NC	mg/L	18100J	20400	12500J	14300J	12900	10000
NITROGEN, AMMONIA (AS N)	NC	mg/L	4.3	6.4J	8.3	11.7	9.8	12
NITROGEN, KJELDAHL, TOTAL	NC	mg/L	8.1J	1.1J	13.5	12.6	11.4	18
NITRATE	10(S)	mg/L	0.11U	NA	0.11U	NA	NA	NA
NITROGEN, NITRATE (AS N)	10(S)	mg/L	NA	NA	NA	0.11U	0.11U	1.1U
NITRITE	1(S)	mg/L	NA	NA	0.13	NA	NA	NA
NITROGEN, NITRITE	10(S)	mg/L	0.099	0.099	NA	0.13	0.18	NA
NITROGEN, NITRATE-NITRITE	10(S)	mg/L	0.051J	0.010U	0.074J	0.1U	0.080J	NA
SULFATE	250	mg/L	[277]	60.9	8.8J	10U	10U	25U
TOTAL ORGANIC CARBON	NC	mg/L	6.5J	7.2J	26.2	27	29.6	12J
TOTAL DISSOLVED SOLIDS	NC	mg/L	32600	29500	19400	22700	21200	22000
TOTAL PHENOLS	0.001(S)	mg/L	0.20U	0.20U	0.20U	0.20U	0.2U	[0.010]

Notes:

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	Field Sample ID	SCA-0043-01	SCA-0051-01	SCA-0056-07	SCA-0014-01	SCA-0033-01	SCA-0041-01
	Location	SB915-MW-92S	SB915-MW-92S	SB915-MW-92S	SB915-MW-93S	SB915-MW-93S	SB915-MW-93S
	Sample Date	3/22/2012	5/16/2012	7/17/2012	9/19/2011	12/14/2011	3/20/2012
	Sample Depth	28-48 FT	28-48 FT	28-48 FT	22-32 FT	22-32 FT	22-32 FT
	New York State Class GA Standards	Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
Parameter Name	Units	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
ALKALINITY, TOTAL (AS CaCO3)	NC mg/L	812	833	795	124	NA	106
TOTAL ALKALINITY	NC mg/L	NA	NA	NA	NA	120	NA
BICARBONATE ALKALINITY	NC mg/L	NA	NA	NA	123	NA	NA
BICARBONATE ALKALINITY AS CaCO3	NC mg/L	5U	7.4	8.6	NA	120	106
CARBONATE ALKALINITY	NC mg/L	NA	NA	NA	1.2J	NA	NA
ALKALINITY, CARBONATE (AS CaCO3)	NC mg/L	209	480	485	NA	0.41U	5U
BIOCHEMICAL OXYGEN DEMAND, FIVE DAY	NC mg/L	47.4	3.0J	43.7	6.8UJ	0.79U	1.6J
BROMIDE	2(G) mg/L	[30.5J]	[45.4J]	[12.0J]	[4.2J]	0.99J	[6.1J]
CHLORIDE	250 mg/L	[9800]	[10600]	[15100]	[1930J]	[2200]	[2070]
CHEMICAL OXYGEN DEMAND	NC mg/L	708	659	1230	58.4	110J	42.2
HARDNESS (AS CaCO3)	NC mg/L	9990	9300J	13600	2360	2400	4680
NITROGEN, AMMONIA (AS N)	NC mg/L	8.1	8.8	10.4	7.4	5.7J	5
NITROGEN, KJELDAHL, TOTAL	NC mg/L	8.6	4.1	14.7J	3.6	7.1	5.7J
NITRATE	10(S) mg/L	NA	0.11U	NA	NA	NA	NA
NITROGEN, NITRATE (AS N)	10(S) mg/L	NA	NA	NA	0.11U	0.21U	NA
NITRITE	1(S) mg/L	0.15	NA	NA	NA	NA	0.010U
NITROGEN, NITRITE	10(S) mg/L	NA	0.15	0.071	0.010U	NA	NA
NITROGEN, NITRATE-NITRITE	10(S) mg/L	0.033J	0.072J	0.10U	0.10U	NA	NA
SULFATE	250 mg/L	44.9	16.7	38.9	76.8	63	84.5
TOTAL ORGANIC CARBON	NC mg/L	28.1	28.4	26.5J	1.5	1.6	1.5
TOTAL DISSOLVED SOLIDS	NC mg/L	16000	16800	32300	4680	3700	4330
TOTAL PHENOLS	0.001(S) mg/L	0.2U	0.20U	[0.014J]	0.20U	0.0062U	0.20U

Notes:

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Table 9
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Parameter Name	New York State Class GA Standards	Field Sample ID	SCA-0049-01	SCA-0054-03	SCA-0016-01	SCA-0031-05	SCA-0037-01	SCA-0048-01
		Location	SB915-MW-93S	SB915-MW-93S	SB915-MW-94S	SB915-MW-94S	SB915-MW-94S	SB915-MW-94S
		Sample Date	5/14/2012	7/13/2012	9/21/2011	12/12/2011	3/14/2012	5/11/2012
		Sample Depth	22-32 FT	22-32 FT	20-30 FT	20-30 FT	20-30 FT	20-30 FT
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Units						
ALKALINITY, TOTAL (AS CaCO3)	NC	mg/L	117	123	244	NA	377	425J
TOTAL ALKALINITY	NC	mg/L	NA	NA	NA	280	NA	NA
BICARBONATE ALKALINITY	NC	mg/L	NA	NA	243	NA	NA	NA
BICARBONATE ALKALINITY AS CaCO3	NC	mg/L	117	123	NA	280	375	423J
CARBONATE ALKALINITY	NC	mg/L	NA	NA	1.3J	NA	NA	NA
ALKALINITY, CARBONATE (AS CaCO3)	NC	mg/L	5.0U	5.0U	NA	0.41U	5U	5.0U
BIOCHEMICAL OXYGEN DEMAND, FIVE DAY	NC	mg/L	3.4U	3.4U	3.4U	0.79U	5.0U	3.4U
BROMIDE	2(G)	mg/L	[5.9J]	[2.8J]	0.43J	0.19U	1.0J	0.91J
CHLORIDE	250	mg/L	[2070]	[2150]	196	150	[265]	[268]
CHEMICAL OXYGEN DEMAND	NC	mg/L	15.2J	75.1	20U	4.6J	20U	20U
HARDNESS (AS CaCO3)	NC	mg/L	2420J	2090	501	470	540	771
NITROGEN, AMMONIA (AS N)	NC	mg/L	5.6	6	0.20U	0.18	0.20U	0.42J
NITROGEN, KJELDAHL, TOTAL	NC	mg/L	6.2J	5.9J	0.20U	2.5U	0.26J	0.80UJ
NITRATE	10(S)	mg/L	0.11U	0.11U	NA	NA	0.14J	0.31J
NITROGEN, NITRATE (AS N)	10(S)	mg/L	NA	NA	0.40J	0.7	NA	NA
NITRITE	1(S)	mg/L	NA	NA	NA	NA	0.0015J	NA
NITROGEN, NITRITE	10(S)	mg/L	0.010U	0.010U	0.010U	NA	NA	0.010U
NITROGEN, NITRATE-NITRITE	10(S)	mg/L	0.10U	0.10U	0.40J	NA	0.14J	0.31J
SULFATE	250	mg/L	83.3	94.6	80.3	99	32.2	27.4
TOTAL ORGANIC CARBON	NC	mg/L	1.4R	1.5R	2.2	1.4	2.1	2.1
TOTAL DISSOLVED SOLIDS	NC	mg/L	3910J	4600	753	730J	936	1080
TOTAL PHENOLS	0.001(S)	mg/L	0.20U	0.20U	0.2U	0.0062U	0.2U	0.20U

Notes:

U - Non detect; J - estimated value; R - rejected value;

EMPC - estimated maximum possible concentration; K - congener estimated maximum possible concentration.

NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 9
Honeywell
SCA Hydrogeologic Investigation
Shallow Monitoring Wells
Other Data

Parameter Name	New York State Class GA Standards	Field Sample ID	SCA-0052-01	SCA-0016-02	SCA-0029-05	SCA-0037-02	SCA-0048-02	SCA-0053-05
		Location	SB915-MW-94S	SB915-MW-95S	SB915-MW-95S	SB915-MW-95S	SB915-MW-95S	SB915-MW-95S
		Sample Date	7/11/2012	9/21/2011	12/8/2011	3/14/2012	5/11/2012	7/12/2012
		Sample Depth	20-30 FT	26-36 FT	26-36 FT	26-36 FT	26-36 FT	26-36 FT
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Units						
ALKALINITY, TOTAL (AS CaCO3)	NC	mg/L	332	221	NA	135	96.7J	123
TOTAL ALKALINITY	NC	mg/L	NA	NA	52	NA	NA	NA
BICARBONATE ALKALINITY	NC	mg/L	NA	219	NA	NA	NA	NA
BICARBONATE ALKALINITY AS CaCO3	NC	mg/L	330	NA	52	134	96.2J	122
CARBONATE ALKALINITY	NC	mg/L	NA	1.8J	NA	NA	NA	NA
ALKALINITY, CARBONATE (AS CaCO3)	NC	mg/L	5.0U	NA	0.41U	0.87J	5.0U	5.0U
BIOCHEMICAL OXYGEN DEMAND, FIVE DAY	NC	mg/L	2.0U	3.4U	0.79U	5.0U	3.4U	3.4U
BROMIDE	2(G)	mg/L	0.50J	[2.6J]	0.61	[2.1J]	1.6J	1.4J
CHLORIDE	250	mg/L	[272]	[685]	[1400]	[668]	[594]	[676]
CHEMICAL OXYGEN DEMAND	NC	mg/L	13.7UJ	8.8B	61J	10.2J	7.7J	47.3J
HARDNESS (AS CaCO3)	NC	mg/L	597	956	1500	713	686	677
NITROGEN, AMMONIA (AS N)	NC	mg/L	0.12J	0.33	0.68	0.28	0.23J	0.26
NITROGEN, KJELDAHL, TOTAL	NC	mg/L	1.5J	0.22	2.8J	0.39J	0.80UJ	0.45J
NITRATE	10(S)	mg/L	NA	NA	NA	1.3J	0.39J	NA
NITROGEN, NITRATE (AS N)	10(S)	mg/L	0.28J	0.15J	0.11U	NA	NA	0.26
NITRITE	1(S)	mg/L	NA	NA	NA	0.0086J	NA	NA
NITROGEN, NITRITE	10(S)	mg/L	0.0011J	0.010U	NA	NA	0.0018J	0.0064J
NITROGEN, NITRATE-NITRITE	10(S)	mg/L	0.28	0.15J	NA	1.3J	0.39J	0.27
SULFATE	250	mg/L	30.2	112	79	123	131	139
TOTAL ORGANIC CARBON	NC	mg/L	2.3J	1.7	1.3J	1U	0.72J	1.0R
TOTAL DISSOLVED SOLIDS	NC	mg/L	1060	1750	2900	1800	1530	1820
TOTAL PHENOLS	0.001(S)	mg/L	0.2U	0.2U	[0.010J]	0.2U	0.20U	0.2U

Notes:

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EMPC - estimated maximum possible concentration; K - congener estimated maximum possible concentration.

NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 9
Honeywell
SCA Hydrogeologic Investigation
Shallow Monitoring Wells
Other Data

	Field Sample ID	SCA-0016-03	SCA-0031-06	SCA-0037-03	SCA-0048-03	SCA-0057-09	SCA-0016-04	
	Location	SB915-MW-96S	SB915-MW-96S	SB915-MW-96S	SB915-MW-96S	SB915-MW-96S	SB915-MW-97S	
	Sample Date	9/21/2011	12/12/2011	3/14/2012	5/11/2012	7/18/2012	9/21/2011	
	Sample Depth	26-36 FT	26-36 FT	26-36 FT	26-36 FT	26-36 FT	25-35 FT	
	New York State Class GA Standards	Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	
Parameter Name	Units							
ALKALINITY, TOTAL (AS CaCO3)	NC	mg/L	216	NA	260	230J	206	169
TOTAL ALKALINITY	NC	mg/L	NA	250	NA	NA	NA	NA
BICARBONATE ALKALINITY	NC	mg/L	214	NA	NA	NA	NA	168
BICARBONATE ALKALINITY AS CaCO3	NC	mg/L	NA	250	259	229J	205	NA
CARBONATE ALKALINITY	NC	mg/L	1.5J	NA	NA	NA	NA	0.54J
ALKALINITY, CARBONATE (AS CaCO3)	NC	mg/L	NA	0.41U	5U	5.0U	5.0U	NA
BIOCHEMICAL OXYGEN DEMAND, FIVE DAY	NC	mg/L	3.4U	0.79U	5.0U	3.4U	2.0U	6.8J
BROMIDE	2(G)	mg/L	0.52J	0.19U	0.92J	0.86J	[2.2J]	1.2J
CHLORIDE	250	mg/L	241	160	126	160	[398]	[610]
CHEMICAL OXYGEN DEMAND	NC	mg/L	18.8J	14	20U	20U	20U	20U
HARDNESS (AS CaCO3)	NC	mg/L	449	350	322	498	607	827
NITROGEN, AMMONIA (AS N)	NC	mg/L	0.20U	0.14	0.20U	0.23J	0.20U	1.7
NITROGEN, KJELDAHL, TOTAL	NC	mg/L	0.20U	2.5U	0.16J	0.8U	0.40UJ	0.81
NITRATE	10(S)	mg/L	NA	NA	0.29J	1.2J	NA	NA
NITROGEN, NITRATE (AS N)	10(S)	mg/L	1.2J	0.47	NA	NA	960J	0.80J
NITRITE	1(S)	mg/L	NA	NA	0.010U	NA	NA	NA
NITROGEN, NITRITE	10(S)	mg/L	0.056	NA	NA	0.0027J	0.0026J	0.0035J
NITROGEN, NITRATE-NITRITE	10(S)	mg/L	1.3J	NA	0.29J	1.2J	[960J]	0.80J
SULFATE	250	mg/L	61.6	48	75.2	83.7	107	89.8
TOTAL ORGANIC CARBON	NC	mg/L	2.9	2.9	1.8	1.8	1.0R	1.5
TOTAL DISSOLVED SOLIDS	NC	mg/L	849	530J	546	667	1230	1660
TOTAL PHENOLS	0.001(S)	mg/L	0.2U	0.0062U	0.2U	0.20U	0.20U	0.2U

Notes:

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EMPC - estimated maximum possible concentration; K - congener estimated maximum possible concentration.

NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 9
Honeywell
SCA Hydrogeologic Investigation
Shallow Monitoring Wells
Other Data

	Field Sample ID	SCA-0032-05	SCA-0037-04	SCA-0048-04	SCA-0055-03	SCA-0016-05	SCA-0032-06	
	Location	SB915-MW-97S	SB915-MW-97S	SB915-MW-97S	SB915-MW-97S	SB915-MW-98S	SB915-MW-98S	
	Sample Date	12/13/2011	3/14/2012	5/11/2012	7/14/2012	9/21/2011	12/13/2011	
	Sample Depth	25-35 FT	25-35 FT	25-35 FT	25-35 FT	24-34 FT	24-34 FT	
	New York State Class GA Standards	Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	
Parameter Name	Units	Units	Units	Units	Units	Units	Units	
ALKALINITY, TOTAL (AS CaCO3)	NC	mg/L	NA	260	228J	250	200	NA
TOTAL ALKALINITY	NC	mg/L	260	NA	NA	NA	NA	210
BICARBONATE ALKALINITY	NC	mg/L	NA	NA	NA	NA	200	NA
BICARBONATE ALKALINITY AS CaCO3	NC	mg/L	260	260	227J	249	NA	210
CARBONATE ALKALINITY	NC	mg/L	NA	NA	NA	NA	0.42J	NA
ALKALINITY, CARBONATE (AS CaCO3)	NC	mg/L	0.41U	5U	5.0U	5.0U	NA	0.41U
BIOCHEMICAL OXYGEN DEMAND, FIVE DAY	NC	mg/L	0.79U	5.0U	3.4U	0.98J	4.4J	0.79U
BROMIDE	2(G)	mg/L	0.21	1.6J	1.3J	1.4J	1.8J	0.48U
CHLORIDE	250	mg/L	[450]	[479]	[532]	[644]	[1020]	[830]
CHEMICAL OXYGEN DEMAND	NC	mg/L	50J	20U	20U	47.3	18.8J	69J
HARDNESS (AS CaCO3)	NC	mg/L	640	549	696	851	1110	1100
NITROGEN, AMMONIA (AS N)	NC	mg/L	0.36J	0.33	0.77J	1.6J	4.1	3.6J
NITROGEN, KJELDAHL, TOTAL	NC	mg/L	2.5U	0.39J	1.2J	0.61J	4.6	4.4J
NITRATE	10(S)	mg/L	NA	0.73J	0.54J	NA	NA	NA
NITROGEN, NITRATE (AS N)	10(S)	mg/L	1.1	NA	NA	0.59J	0.27J	0.36
NITRITE	1(S)	mg/L	NA	0.010U	NA	NA	NA	NA
NITROGEN, NITRITE	10(S)	mg/L	NA	NA	0.010U	0.010UJ	0.010U	NA
NITROGEN, NITRATE-NITRITE	10(S)	mg/L	NA	0.73J	0.54J	0.59J	0.27J	NA
SULFATE	250	mg/L	92	94.2	84.1	99.5	109	88
TOTAL ORGANIC CARBON	NC	mg/L	1.4	0.94J	1.1	1.3R	1.5	1.4
TOTAL DISSOLVED SOLIDS	NC	mg/L	1200	1390	1530	1770	2840	1900
TOTAL PHENOLS	0.001(S)	mg/L	0.0062U	0.2U	0.20U	0.20U	0.2U	0.0062U

Notes:

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EMPC - estimated maximum possible concentration; K - congener estimated maximum possible concentration.

NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 9
Honeywell
SCA Hydrogeologic Investigation
Shallow Monitoring Wells
Other Data

Parameter Name	New York State Class GA Standards	Field Sample ID	SCA-0037-07	SCA-0046-05	SCA-0055-02	SCA-0019-03	SCA-0034-03	SCA-0038-01
		Location	SB915-MW-98S	SB915-MW-98S	SB915-MW-98S	SB915-MW-99S	SB915-MW-99S	SB915-MW-99S
		Sample Date	3/14/2012	5/9/2012	7/14/2012	9/22/2011	12/15/2011	3/15/2012
		Sample Depth	24-34 FT	24-34 FT	24-34 FT	22-32 FT	22-32 FT	22-32 FT
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Units						
ALKALINITY, TOTAL (AS CaCO3)	NC	mg/L	238	108J	244	138	NA	173
TOTAL ALKALINITY	NC	mg/L	NA	NA	NA	NA	160	NA
BICARBONATE ALKALINITY	NC	mg/L	NA	NA	NA	138	NA	173
BICARBONATE ALKALINITY AS CaCO3	NC	mg/L	237	226J	244	NA	160	173
CARBONATE ALKALINITY	NC	mg/L	NA	NA	NA	0.24J	NA	NA
ALKALINITY, CARBONATE (AS CaCO3)	NC	mg/L	5U	5.0U	5.0U	NA	0.41U	5U
BIOCHEMICAL OXYGEN DEMAND, FIVE DAY	NC	mg/L	5.0U	1.8J	1J	2.7J	2.2J	3.4U
BROMIDE	2(G)	mg/L	1.7J	[3.1J]	1.4J	[3.7J]	[2.7J]	[3.1J]
CHLORIDE	250	mg/L	[796]	[809]	[926]	[2600]	[2300]	[2030]
CHEMICAL OXYGEN DEMAND	NC	mg/L	7.6J	15.4J	25	35.0J	210J	22.9
HARDNESS (AS CaCO3)	NC	mg/L	1190	1050	1090	2040	2400	1990
NITROGEN, AMMONIA (AS N)	NC	mg/L	4.1	5	4.6	7.9	9.8J	7
NITROGEN, KJELDAHL, TOTAL	NC	mg/L	3.9J	18.2	4.3J	14.1	11	7.2J
NITRATE	10(S)	mg/L	0.35J	0.22	NA	NA	NA	NA
NITROGEN, NITRATE (AS N)	10(S)	mg/L	NA	NA	0.032J	0.070J	0.21U	NA
NITRITE	1(S)	mg/L	0.010U	NA	NA	NA	NA	0.010U
NITROGEN, NITRITE	10(S)	mg/L	NA	0.010U	0.010U	0.010U	NA	0.01
NITROGEN, NITRATE-NITRITE	10(S)	mg/L	0.35J	0.22	0.032J	0.070J	NA	NA
SULFATE	250	mg/L	91.5	73.3	66.7	82.6	100	82.2
TOTAL ORGANIC CARBON	NC	mg/L	1.1	1.6	1.7R	1.6	1.4	1.4
TOTAL DISSOLVED SOLIDS	NC	mg/L	2190	2580J	2140	4500	4300	3490J
TOTAL PHENOLS	0.001(S)	mg/L	0.2U	0.20U	0.20U	0.2U	0.0062U	0.2U

Notes:

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Table 9
Honeywell
SCA Hydrogeologic Investigation
Shallow Monitoring Wells
Other Data

	Field Sample ID	SCA-0048-05	SCA-0055-08	SCA-0023-01	SCA-0034-02	SCA-0038-02	SCA-0048-06	
	Location	SB915-MW-99S	SB915-MW-99S	SB915-MW-100S	SB915-MW-100S	SB915-MW-100S	SB915-MW-100S	
	Sample Date	5/11/2012	7/14/2012	9/26/2011	12/15/2011	3/15/2012	5/11/2012	
	Sample Depth	22-32 FT	22-32 FT	22-32 FT	22-32 FT	22-32 FT	22-32 FT	
	New York State Class GA Standards	Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	
Parameter Name	Units							
ALKALINITY, TOTAL (AS CaCO3)	NC	mg/L	209J	201	225	NA	102	17.5J
TOTAL ALKALINITY	NC	mg/L	NA	NA	NA	10	NA	NA
BICARBONATE ALKALINITY	NC	mg/L	NA	NA	224	NA	102	NA
BICARBONATE ALKALINITY AS CaCO3	NC	mg/L	208J	201	NA	10	102	17.5J
CARBONATE ALKALINITY	NC	mg/L	NA	NA	0.40J	NA	NA	NA
ALKALINITY, CARBONATE (AS CaCO3)	NC	mg/L	5.0U	5.0U	NA	0.41U	5U	5.0U
BIOCHEMICAL OXYGEN DEMAND, FIVE DAY	NC	mg/L	3.4U	2.6J	27.8	6.2J	5.3	8.8
BROMIDE	2(G)	mg/L	[3.1J]	[2.6J]	[3.0J]	[2.5]	[5.0]	[8.7J]
CHLORIDE	250	mg/L	[1310]	[1620]	[1600]	[5700]	[4220]	[5190]
CHEMICAL OXYGEN DEMAND	NC	mg/L	20.5	44.5	23.1	620J	22.9	35.8
HARDNESS (AS CaCO3)	NC	mg/L	1520	1820	3900	5100	3700	4540
NITROGEN, AMMONIA (AS N)	NC	mg/L	5.9	8.5J	5.7	22J	13	20.2
NITROGEN, KJELDAHL, TOTAL	NC	mg/L	6.4J	5.5J	7.1J	21	14.7J	28.4J
NITRATE	10(S)	mg/L	0.047J	NA	NA	NA	0.11	0.11U
NITROGEN, NITRATE (AS N)	10(S)	mg/L	NA	NA	1.8J	0.43U	NA	NA
NITRITE	1(S)	mg/L	NA	NA	NA	NA	0.010U	NA
NITROGEN, NITRITE	10(S)	mg/L	0.010U	0.010UJ	0.12	NA	0.01	0.010U
NITROGEN, NITRATE-NITRITE	10(S)	mg/L	0.047J	NA	1.9J	NA	0.11	0.10U
SULFATE	250	mg/L	96.2	97.1	118	2.1U	80.7	39.7
TOTAL ORGANIC CARBON	NC	mg/L	1.1	1.9R	1.9	1.3	1.8	2
TOTAL DISSOLVED SOLIDS	NC	mg/L	3110	3850	3560	9100	6370J	9270
TOTAL PHENOLS	0.001(S)	mg/L	0.20U	0.20U	0.2U	0.0062U	0.2U	0.20U

Notes:

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NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 9
Honeywell
SCA Hydrogeologic Investigation
Shallow Monitoring Wells
Other Data

	Field Sample ID	SCA-0055-09	SCA-0021-02	SCA-0034-01	SCA-0038-03	SCA-0047-05	SCA-0054-01	
	Location	SB915-MW-100S	SB915-MW-101S	SB915-MW-101S	SB915-MW-101S	SB915-MW-101S	SB915-MW-101S	
	Sample Date	7/14/2012	9/23/2011	12/15/2011	3/15/2012	5/10/2012	7/13/2012	
	Sample Depth	22-32 FT	22-32 FT	22-32 FT	22-32 FT	22-32 FT	22-32 FT	
	Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	
Parameter Name	New York State Class GA Standards	Units	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	
ALKALINITY, TOTAL (AS CaCO3)	NC	mg/L	10	38.7J	NA	45.6	58.9J	37.6
TOTAL ALKALINITY	NC	mg/L	NA	NA	90	NA	NA	NA
BICARBONATE ALKALINITY	NC	mg/L	NA	38.6J	NA	45.5	NA	NA
BICARBONATE ALKALINITY AS CaCO3	NC	mg/L	9.9	NA	90	45.5	58.7J	37.5
CARBONATE ALKALINITY	NC	mg/L	NA	0.12J	NA	NA	NA	NA
ALKALINITY, CARBONATE (AS CaCO3)	NC	mg/L	5.0U	NA	0.41U	5U	5.0U	5.0U
BIOCHEMICAL OXYGEN DEMAND, FIVE DAY	NC	mg/L	4.7UJ	18.4	5.4J	15.6	14.9	7.4
BROMIDE	2(G)	mg/L	[4.3J]	[7.8J]	1.9U	[5.6]	[7.1J]	[3.6J]
CHLORIDE	250	mg/L	[5080]	[4340]	[4300]	[4250]	[3610]	[3970]
CHEMICAL OXYGEN DEMAND	NC	mg/L	1010	53.3	500J	38.1	10.2J	97.3
HARDNESS (AS CaCO3)	NC	mg/L	4420	4000J	4500	4000	3530	3400
NITROGEN, AMMONIA (AS N)	NC	mg/L	23.9	15.8	23J	11.8	7.4	13.4
NITROGEN, KJELDAHL, TOTAL	NC	mg/L	21.1J	19.5J	7.6	11.0J	12.6J	15.1J
NITRATE	10(S)	mg/L	NA	NA	NA	NA	0.12J	0.11
NITROGEN, NITRATE (AS N)	10(S)	mg/L	NA	0.11U	0.43U	NA	NA	NA
NITRITE	1(S)	mg/L	NA	NA	NA	0.010U	NA	NA
NITROGEN, NITRITE	10(S)	mg/L	0.010UJ	0.0074J	NA	0.01	0.010U	0.0020J
NITROGEN, NITRATE-NITRITE	10(S)	mg/L	NA	0.1U	NA	NA	0.12J	0.11
SULFATE	250	mg/L	39.8	49.7	52	74	71.6	86.3
TOTAL ORGANIC CARBON	NC	mg/L	2.2J	5	1.7	3.8	3	1.9R
TOTAL DISSOLVED SOLIDS	NC	mg/L	9890	7690	7500	6700J	6620	8230
TOTAL PHENOLS	0.001(S)	mg/L	0.20U	[0.044J]	0.0062U	0.2U	0.20U	0.20U

Notes:

U - Non detect; J - estimated value; R - rejected value;

EMPC - estimated maximum possible concentration; K - congener estimated maximum possible concentration.

NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 9
Honeywell
SCA Hydrogeologic Investigation
Shallow Monitoring Wells
Other Data

Parameter Name	New York State Class GA Standards	Field Sample ID	SCA-0023-02	SCA-0033-05	SCA-0038-04	SCA-0049-05	SCA-0054-02	SCA-0019-01
		Location	SB915-MW-102S	SB915-MW-102S	SB915-MW-102S	SB915-MW-102S	SB915-MW-102S	SB915-MW-103S
		Sample Date	9/26/2011	12/14/2011	3/15/2012	5/14/2012	7/13/2012	9/22/2011
		Sample Depth	20-30 FT	20-30 FT	20-30 FT	20-30 FT	20-30 FT	68-78 FT
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Units						
ALKALINITY, TOTAL (AS CaCO3)	NC	mg/L	137	NA	148	130	140	170
TOTAL ALKALINITY	NC	mg/L	NA	150	NA	NA	NA	NA
BICARBONATE ALKALINITY	NC	mg/L	136	NA	25.8	NA	NA	169
BICARBONATE ALKALINITY AS CaCO3	NC	mg/L	NA	150	25.8	130	140	NA
CARBONATE ALKALINITY	NC	mg/L	0.26J	NA	NA	NA	NA	0.89J
ALKALINITY, CARBONATE (AS CaCO3)	NC	mg/L	NA	0.41U	5U	5.0U	5.0U	NA
BIOCHEMICAL OXYGEN DEMAND, FIVE DAY	NC	mg/L	4.4J	0.79U	3.4U	5.0U	5.0U	2.0U
BROMIDE	2(G)	mg/L	[4.3J]	0.95U	[3.4]	[8.6J]	[2.9J]	1.8J
CHLORIDE	250	mg/L	[2250]	[1900]	[1930]	[1970]	[2060]	[662]
CHEMICAL OXYGEN DEMAND	NC	mg/L	23.1	400J	15.2J	40.5	66.7	10.0J
HARDNESS (AS CaCO3)	NC	mg/L	2240	1900	956	2270J	1970	781
NITROGEN, AMMONIA (AS N)	NC	mg/L	3.4	3.7J	3.3	3.3	4.1	0.20U
NITROGEN, KJELDAHL, TOTAL	NC	mg/L	3.8J	3.8J	3.8J	5.2J	4.7J	0.20U
NITRATE	10(S)	mg/L	NA	NA	NA	0.11U	0.11U	NA
NITROGEN, NITRATE (AS N)	10(S)	mg/L	0.11U	0.21U	NA	NA	NA	1.3J
NITRITE	1(S)	mg/L	NA	NA	0.010U	NA	NA	NA
NITROGEN, NITRITE	10(S)	mg/L	0.010U	NA	0.01	0.010U	0.010U	0.03
NITROGEN, NITRATE-NITRITE	10(S)	mg/L	0.10U	NA	NA	0.10U	0.10U	1.3J
SULFATE	250	mg/L	148	150	151	181	151	203
TOTAL ORGANIC CARBON	NC	mg/L	1.4	1.1	0.82J	1.1R	1.0R	1.3
TOTAL DISSOLVED SOLIDS	NC	mg/L	4740	3100	3340J	3970J	4600	1740
TOTAL PHENOLS	0.001(S)	mg/L	0.2U	0.0062U	0.2U	0.20U	0.20U	0.2U

Notes:

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EMPC - estimated maximum possible concentration; K - congener estimated maximum possible concentration.

NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 9
Honeywell
SCA Hydrogeologic Investigation
Shallow Monitoring Wells
Other Data

Parameter Name	New York State Class GA Standards	Field Sample ID	SCA-0030-04	SCA-0043-04	SCA-0051-04	SCA-0057-08	SCA-0001-01	SCA-0008-06
		Location	SB915-MW-103S	SB915-MW-103S	SB915-MW-103S	SB915-MW-103S	SB915-WB-02U	SB915-WB-02U
		Sample Date	12/9/2011	3/22/2012	5/16/2012	7/18/2012	3/10/2011	6/22/2011
		Sample Depth	68-78 FT	68-78 FT	68-78 FT	68-78 FT	33-43 FT	33-43 FT
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Units						
ALKALINITY, TOTAL (AS CaCO3)	NC	mg/L	NA	160	193	212	259J	253
TOTAL ALKALINITY	NC	mg/L	150	NA	NA	NA	NA	NA
BICARBONATE ALKALINITY	NC	mg/L	NA	NA	NA	NA	NA	NA
BICARBONATE ALKALINITY AS CaCO3	NC	mg/L	150	159	192	211	NA	NA
CARBONATE ALKALINITY	NC	mg/L	NA	NA	NA	NA	NA	NA
ALKALINITY, CARBONATE (AS CaCO3)	NC	mg/L	0.41U	5U	5.0U	5.0U	NA	NA
BIOCHEMICAL OXYGEN DEMAND, FIVE DAY	NC	mg/L	0.79U	3.4U	3.4U	2.0U	2.0U	3.4U
BROMIDE	2(G)	mg/L	0.48U	[3.7J]	[3.5J]	[3.3J]	0.71J	1.5J
CHLORIDE	250	mg/L	[820]	[698]	[625]	[658]	152	96.7
CHEMICAL OXYGEN DEMAND	NC	mg/L	24J	30.7	30.5	15.3J	20UJ	20UJ
HARDNESS (AS CaCO3)	NC	mg/L	920	1320	1160J	886	463	675
NITROGEN, AMMONIA (AS N)	NC	mg/L	0.19	0.44	0.50J	0.2	0.20U	0.32
NITROGEN, KJELDAHL, TOTAL	NC	mg/L	2.5U	0.17J	0.2Y	0.40UJ	0.32J	0.24R
NITRATE	10(S)	mg/L	NA	0.82	0.94J	NA	NA	NA
NITROGEN, NITRATE (AS N)	10(S)	mg/L	1.1	NA	NA	1.3J	1.1	1.4
NITRITE	1(S)	mg/L	NA	0.041	NA	NA	NA	NA
NITROGEN, NITRITE	10(S)	mg/L	NA	NA	0.031	0.017	0.012	0.010U
NITROGEN, NITRATE-NITRITE	10(S)	mg/L	NA	0.86	0.97J	1.3J	1.1	1.4
SULFATE	250	mg/L	170	190	197	200	92	180
TOTAL ORGANIC CARBON	NC	mg/L	1UJ	1.6	1.1R	1.0R	2.6	1.1R
TOTAL DISSOLVED SOLIDS	NC	mg/L	2000	1800	1920	1880	2220	657
TOTAL PHENOLS	0.001(S)	mg/L	0.0062U	0.20U	0.20U	0.20U	0.20U	0.20UJ

Notes:

U - Non detect; J - estimated value; R - rejected value;

EMPC - estimated maximum possible concentration; K - congener estimated maximum possible concentration.

NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 9
Honeywell
SCA Hydrogeologic Investigation
Shallow Monitoring Wells
Other Data

Parameter Name	New York State Class GA Standards	Field Sample ID Location Sample Date Sample Depth Sample Purpose Units	SCA-0004-01	SCA-0011-03
			SB915-WB-04U 3/15/2011 28.8-38.8 FT Regular sample	SB915-WB-04U 6/27/2011 28.8-38.8 FT Regular sample
ALKALINITY, TOTAL (AS CaCO ₃)	NC	mg/L	121	109
TOTAL ALKALINITY	NC	mg/L	NA	NA
BICARBONATE ALKALINITY	NC	mg/L	NA	NA
BICARBONATE ALKALINITY AS CaCO ₃	NC	mg/L	NA	NA
CARBONATE ALKALINITY	NC	mg/L	NA	NA
ALKALINITY, CARBONATE (AS CaCO ₃)	NC	mg/L	NA	NA
BIOCHEMICAL OXYGEN DEMAND, FIVE DAY	NC	mg/L	3.4U	1.8J
BROMIDE	2(G)	mg/L	[2.3]	[9.9]
CHLORIDE	250	mg/L	[2550]	[2990]
CHEMICAL OXYGEN DEMAND	NC	mg/L	20U	26.8
HARDNESS (AS CaCO ₃)	NC	mg/L	2410	3140J
NITROGEN, AMMONIA (AS N)	NC	mg/L	4.6	6.2
NITROGEN, KJELDAHL, TOTAL	NC	mg/L	5.5	6.2
NITRATE	10(S)	mg/L	NA	NA
NITROGEN, NITRATE (AS N)	10(S)	mg/L	0.11U	0.11U
NITRITE	1(S)	mg/L	NA	NA
NITROGEN, NITRITE	10(S)	mg/L	0.010U	0.010U
NITROGEN, NITRATE-NITRITE	10(S)	mg/L	0.10U	0.10U
SULFATE	250	mg/L	157	147
TOTAL ORGANIC CARBON	NC	mg/L	1U	1.2
TOTAL DISSOLVED SOLIDS	NC	mg/L	4620	5590
TOTAL PHENOLS	0.001(S)	mg/L	0.20U	0.20U

Notes:

U - Non detect; J - estimated value; R - rejected value;

EMPC - estimated maximum possible concentration; K - congener estimated maximum possible concentration.

NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 10
Honeywell
SCA Hydrogeologic Investigation
Shallow Monitoring Wells
Method 8290 Dioxin/Furan Data

Parameter Name	New York State Class GA Standards	Field Sample ID	SCA-0025-01	SCA-0002-01	SCA-0003-01	SCA-0021-01	SCA-0006-02	SCA-0006-01
		Location	SB915-MW-87S	SB915-MW-88S	SB915-MW-89S	SB915-MW-90S	SB915-MW-91SN	SB915-MW-91S
		Sample Date	9/27/2011	3/11/2011	3/14/2011	9/23/2011	3/17/2011	3/17/2011
		Sample Depth	25-35 FT	25-35 FT	22-32 FT	22-32 FT	78-88 FT	21-41 FT
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Units						
1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	NC	pg/L	51.7U	50.7U	51.5U	56.6U	50.5U	51.1U
1,2,3,4,6,7,8-HPCDF	NC	pg/L	51.7U	50.7U	51.5U	56.6U	50.5U	51.1U
1,2,3,4,7,8,9-HPCDF	NC	pg/L	51.7U	50.7U	51.5U	56.6U	50.5U	51.1U
1,2,3,4,7,8-HXCDD	NC	pg/L	51.7U	50.7U	51.5U	56.6U	50.5U	51.1U
1,2,3,4,7,8-HXCDF	NC	pg/L	51.7U	50.7U	51.5U	56.6U	50.5U	51.1U
1,2,3,6,7,8-HXCDD	NC	pg/L	51.7U	50.7U	51.5U	56.6U	50.5U	51.1U
1,2,3,6,7,8-HXCDF	NC	pg/L	51.7U	50.7U	51.5U	56.6U	50.5U	51.1U
1,2,3,7,8,9-HXCDD	NC	pg/L	51.7U	50.7U	51.5U	56.6U	50.5U	51.1U
1,2,3,7,8,9-HXCDF	NC	pg/L	51.7U	50.7U	51.5U	56.6U	50.5U	51.1U
1,2,3,7,8-PECDD	NC	pg/L	51.7U	50.7U	51.5U	56.6U	50.5U	51.1U
1,2,3,7,8-PECDF	NC	pg/L	51.7U	50.7U	51.5U	56.6U	50.5U	51.1U
2,3,4,6,7,8-HXCDD	NC	pg/L	51.7U	50.7U	51.5U	56.6U	50.5U	51.1U
2,3,4,7,8-PECDF	NC	pg/L	51.7U	50.7U	51.5U	56.6U	50.5U	51.1U
2,3,7,8-TCDD	NC	pg/L	10.3U	10.1U	10.3U	11.3U	10.1U	10.2U
2,3,7,8-TCDF	NC	pg/L	10.3U	10.1U	10.3U	11.3U	10.1U	10.2U
OCDD	NC	pg/L	32.3J	101U	103U	113U	101U	102U
OCDF	NC	pg/L	103U	101U	103U	113U	101U	102U
TOTAL HPCDD	NC	pg/L	51.7U	50.7U	51.5U	56.6U	50.5U	51.1U
Total HpCDD + EMPC	NC	pg/L	51.7U	50.7U	51.5U	56.6U	50.5U	51.1U
TOTAL HPCDF	NC	pg/L	51.7U	50.7U	51.5U	56.6U	50.5U	51.1U
Total HpCDF + EMPC	NC	pg/L	51.7U	50.7U	51.5U	56.6U	50.5U	51.1U
TOTAL HXCDD	NC	pg/L	51.7U	50.7U	51.5U	56.6U	50.5U	51.1U
Total HxCDD + EMPC	NC	pg/L	51.7U	50.7U	51.5U	56.6U	50.5U	51.1U
TOTAL HXCDF	NC	pg/L	51.7U	50.7U	51.5U	56.6U	50.5U	51.1U
Total HxCDF + EMPC	NC	pg/L	51.7U	50.7U	51.5U	56.6U	50.5U	51.1U
TOTAL PECDD	NC	pg/L	51.7U	50.7U	51.5U	56.6U	50.5U	51.1U
Total PeCDD + EMPC	NC	pg/L	51.7U	50.7U	1.34EMPC	56.6U	50.5U	51.1U
TOTAL PECDF	NC	pg/L	51.7U	50.7U	51.5U	56.6U	50.5U	51.1U
Total PeCDF + EMPC	NC	pg/L	51.7U	50.7U	51.5U	56.6U	50.5U	51.1U
TOTAL TCDD	NC	pg/L	10.3U	10.1U	10.3U	11.3U	10.1U	10.2U
Total TCDD + EMPC	NC	pg/L	10.3U	10.1U	10.3U	11.3U	10.1U	10.2U
Total TCDF	NC	pg/L	10.3U	10.1U	10.3U	11.3U	10.1U	10.2U
Total TCDF + EMPC	NC	pg/L	10.3U	10.1U	10.3U	11.3U	10.1U	10.2U

Notes:

U - Non detect; J - estimated value; R - rejected value; NA - not analyzed; NC - no criteria;

EMPC - estimated maximum possible concentration; K - congener estimated maximum possible concentration.

NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum).

Table 10
Honeywell
SCA Hydrogeologic Investigation
Shallow Monitoring Wells
Method 8290 Dioxin/Furan Data

Parameter Name	New York State Class GA Standards	Field Sample ID	SCA-0005-01	SCA-0014-01	SCA-0016-01	SCA-0016-02	SCA-0016-03	SCA-0016-04
		Location	SB915-MW-92S	SB915-MW-93S	SB915-MW-94S	SB915-MW-95S	SB915-MW-96S	SB915-MW-97S
		Sample Date	3/16/2011	9/19/2011	9/21/2011	9/21/2011	9/21/2011	9/21/2011
		Sample Depth	28-48 FT	22-32 FT	20-30 FT	26-36 FT	26-36 FT	25-35 FT
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Units	pg/L	pg/L	pg/L	pg/L	pg/L	pg/L
1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	NC	pg/L	51.3U	50.5U	51.9U	51.3U	50.5U	52U
1,2,3,4,6,7,8-HPCDF	NC	pg/L	51.3U	50.5U	51.9U	51.3U	50.5U	52U
1,2,3,4,7,8,9-HPCDF	NC	pg/L	51.3U	50.5U	51.9U	51.3U	50.5U	52U
1,2,3,4,7,8-HXCDD	NC	pg/L	51.3U	50.5U	51.9U	51.3U	50.5U	52U
1,2,3,4,7,8-HXCDF	NC	pg/L	51.3U	50.5U	51.9U	51.3U	50.5U	52U
1,2,3,6,7,8-HXCDD	NC	pg/L	51.3U	50.5U	51.9U	51.3U	50.5U	52U
1,2,3,6,7,8-HXCDF	NC	pg/L	51.3U	50.5U	51.9U	51.3U	50.5U	52U
1,2,3,7,8,9-HXCDD	NC	pg/L	51.3U	50.5U	51.9U	51.3U	50.5U	52U
1,2,3,7,8,9-HXCDF	NC	pg/L	51.3U	50.5U	51.9U	51.3U	50.5U	52U
1,2,3,7,8-PECDD	NC	pg/L	51.3U	50.5U	51.9U	51.3U	50.5U	52U
1,2,3,7,8-PECDF	NC	pg/L	51.3U	50.5U	51.9U	51.3U	50.5U	52U
2,3,4,6,7,8-HXCDD	NC	pg/L	51.3U	50.5U	51.9U	51.3U	50.5U	52U
2,3,4,7,8-PECDF	NC	pg/L	51.3U	50.5U	51.9U	51.3U	50.5U	52U
2,3,7,8-TCDD	NC	pg/L	10.3U	10.1U	10.4U	10.3U	10.1U	10.4U
2,3,7,8-TCDF	NC	pg/L	10.3U	10.1U	10.4U	10.3U	10.1U	10.4U
OCDD	NC	pg/L	14.1EMPC	101U	104U	103U	101U	104U
OCDF	NC	pg/L	103U	101U	104U	103U	101U	104U
TOTAL HPCDD	NC	pg/L	51.3U	50.5U	51.9U	51.3U	50.5U	52U
Total HpCDD + EMPC	NC	pg/L	51.3U	50.5U	51.9U	51.3U	50.5U	52U
TOTAL HPCDF	NC	pg/L	51.3U	50.5U	51.9U	51.3U	50.5U	52U
Total HpCDF + EMPC	NC	pg/L	51.3U	50.5U	51.9U	51.3U	50.5U	52U
TOTAL HXCDD	NC	pg/L	51.3U	50.5U	51.9U	51.3U	50.5U	52U
Total HxCDD + EMPC	NC	pg/L	51.3U	50.5U	51.9U	51.3U	50.5U	52U
TOTAL HXCDF	NC	pg/L	51.3U	50.5U	51.9U	51.3U	50.5U	52U
Total HxCDF + EMPC	NC	pg/L	51.3U	50.5U	51.9U	51.3U	50.5U	1.41EMPC
TOTAL PECDD	NC	pg/L	51.3U	50.5U	51.9U	51.3U	50.5U	52U
Total PeCDD + EMPC	NC	pg/L	51.3U	50.5U	51.9U	51.3U	50.5U	52U
TOTAL PECDF	NC	pg/L	51.3U	50.5U	51.9U	51.3U	50.5U	52U
Total PeCDF + EMPC	NC	pg/L	51.3U	50.5U	51.9U	51.3U	50.5U	52U
TOTAL TCDD	NC	pg/L	10.3U	10.1U	10.4U	10.3U	10.1U	10.4U
Total TCDD + EMPC	NC	pg/L	10.3U	10.1U	10.4U	10.3U	10.1U	10.4U
Total TCDF	NC	pg/L	10.3U	10.1U	10.4U	10.3U	10.1U	10.4U
Total TCDF + EMPC	NC	pg/L	10.3U	10.1U	10.4U	10.3U	10.1U	10.4U

Notes:

U - Non detect; J - estimated value; R - rejected value; NA - not analyzed; NC - no criteria;

EMPC - estimated maximum possible concentration; K - congener estimated maximum possible concentration.

NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum).

Table 10
Honeywell
SCA Hydrogeologic Investigation
Shallow Monitoring Wells
Method 8290 Dioxin/Furan Data

Parameter Name	New York State Class GA Standards	Field Sample ID	SCA-0016-05	SCA-0019-03	SCA-0023-01	SCA-0021-02	SCA-0023-02	SCA-0019-01
		Location	SB915-MW-98S	SB915-MW-99S	SB915-MW-100S	SB915-MW-101S	SB915-MW-102S	SB915-MW-103S
		Sample Date	9/21/2011	9/22/2011	9/26/2011	9/23/2011	9/26/2011	9/22/2011
		Sample Depth	24-34 FT	22-32 FT	22-32 FT	22-32 FT	20-30 FT	68-78 FT
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Units	pg/L	pg/L	pg/L	pg/L	pg/L	pg/L
1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	NC	pg/L	50.4U	50.8U	51.1U	50.4U	50.3U	50.3U
1,2,3,4,6,7,8-HPCDF	NC	pg/L	50.4U	50.8U	51.1U	50.4U	50.3U	50.3U
1,2,3,4,7,8,9-HPCDF	NC	pg/L	50.4U	50.8U	51.1U	50.4U	50.3U	50.3U
1,2,3,4,7,8-HXCDD	NC	pg/L	50.4U	50.8U	51.1U	50.4U	50.3U	50.3U
1,2,3,4,7,8-HXCDF	NC	pg/L	50.4U	50.8U	51.1U	50.4U	50.3U	50.3U
1,2,3,6,7,8-HXCDD	NC	pg/L	50.4U	50.8U	51.1U	50.4U	50.3U	50.3U
1,2,3,6,7,8-HXCDF	NC	pg/L	50.4U	50.8U	51.1U	50.4U	50.3U	50.3U
1,2,3,7,8,9-HXCDD	NC	pg/L	50.4U	50.8U	51.1U	50.4U	50.3U	50.3U
1,2,3,7,8,9-HXCDF	NC	pg/L	50.4U	50.8U	51.1U	50.4U	50.3U	50.3U
1,2,3,7,8-PECDD	NC	pg/L	50.4U	50.8U	51.1U	50.4U	50.3U	50.3U
1,2,3,7,8-PECDF	NC	pg/L	50.4U	50.8U	51.1U	50.4U	50.3U	50.3U
2,3,4,6,7,8-HXCDD	NC	pg/L	50.4U	50.8U	51.1U	50.4U	50.3U	50.3U
2,3,4,7,8-PECDF	NC	pg/L	50.4U	50.8U	51.1U	50.4U	50.3U	50.3U
2,3,7,8-TCDD	NC	pg/L	10.1U	10.2U	10.2U	10.1U	10.1U	10.1U
2,3,7,8-TCDF	NC	pg/L	10.1U	10.2U	10.2U	10.1U	10.1U	10.1U
OCDD	NC	pg/L	101U	102U	102U	11.8EMPC	101U	101U
OCDF	NC	pg/L	101U	102U	102U	101U	101U	101U
TOTAL HPCDD	NC	pg/L	50.4U	50.8U	51.1U	50.4U	50.3U	50.3U
Total HpCDD + EMPC	NC	pg/L	50.4U	50.8U	51.1U	50.4U	50.3U	50.3U
TOTAL HPCDF	NC	pg/L	50.4U	50.8U	51.1U	50.4U	50.3U	50.3U
Total HpCDF + EMPC	NC	pg/L	50.4U	50.8U	51.1U	50.4U	50.3U	50.3U
TOTAL HXCDD	NC	pg/L	50.4U	50.8U	51.1U	50.4U	50.3U	50.3U
Total HxCDD + EMPC	NC	pg/L	50.4U	50.8U	51.1U	50.4U	50.3U	50.3U
TOTAL HXCDF	NC	pg/L	50.4U	50.8U	51.1U	50.4U	50.3U	50.3U
Total HxCDF + EMPC	NC	pg/L	50.4U	50.8U	51.1U	50.4U	50.3U	50.3U
TOTAL PECDD	NC	pg/L	50.4U	50.8U	51.1U	50.4U	50.3U	50.3U
Total PeCDD + EMPC	NC	pg/L	50.4U	50.8U	51.1U	50.4U	50.3U	50.3U
TOTAL PECDF	NC	pg/L	50.4U	50.8U	51.1U	50.4U	50.3U	50.3U
Total PeCDF + EMPC	NC	pg/L	50.4U	50.8U	51.1U	50.4U	50.3U	50.3U
TOTAL TCDD	NC	pg/L	10.1U	10.2U	10.2U	10.1U	10.1U	10.1U
Total TCDD + EMPC	NC	pg/L	10.1U	10.2U	10.2U	10.1U	10.1U	10.1U
Total TCDF	NC	pg/L	10.1U	10.2U	10.2U	10.1U	10.1U	10.1U
Total TCDF + EMPC	NC	pg/L	10.1U	10.2U	10.2U	10.1U	10.1U	10.1U

Notes:

U - Non detect; J - estimated value; R - rejected value; NA - not analyzed; NC - no criteria;

EMPC - estimated maximum possible concentration; K - congener estimated maximum possible concentration.

NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum).

Table 10
Honeywell
SCA Hydrogeologic Investigation
Shallow Monitoring Wells
Method 8290 Dioxin/Furan Data

Parameter Name	New York State Class GA Standards	Field Sample ID	SCA-0001-01	SCA-0004-01
		Location	SB915-WB-02U	SB915-WB-04U
		Sample Date	3/10/2011	3/15/2011
		Sample Depth	33-43 FT	28.8-38.8 FT
		Sample Purpose	Regular sample	Regular sample
		Units		
1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	NC	pg/L	50.5U	52.5U
1,2,3,4,6,7,8-HPCDF	NC	pg/L	50.5U	52.5U
1,2,3,4,7,8,9-HPCDF	NC	pg/L	50.5U	52.5U
1,2,3,4,7,8-HXCDD	NC	pg/L	50.5U	52.5U
1,2,3,4,7,8-HXCDF	NC	pg/L	50.5U	52.5U
1,2,3,6,7,8-HXCDD	NC	pg/L	50.5U	52.5U
1,2,3,6,7,8-HXCDF	NC	pg/L	50.5U	52.5U
1,2,3,7,8,9-HXCDD	NC	pg/L	50.5U	52.5U
1,2,3,7,8,9-HXCDF	NC	pg/L	50.5U	52.5U
1,2,3,7,8-PECDD	NC	pg/L	50.5U	52.5U
1,2,3,7,8-PECDF	NC	pg/L	50.5U	0.294EMPC
2,3,4,6,7,8-HXCDF	NC	pg/L	50.5U	52.5U
2,3,4,7,8-PECDF	NC	pg/L	50.5U	52.5U
2,3,7,8-TCDD	NC	pg/L	10.1U	10.5U
2,3,7,8-TCDF	NC	pg/L	10.1U	10.5U
OCDD	NC	pg/L	101U	105U
OCDF	NC	pg/L	101U	105U
TOTAL HPCDD	NC	pg/L	50.5U	52.5U
Total HpCDD + EMPC	NC	pg/L	50.5U	52.5U
TOTAL HPCDF	NC	pg/L	50.5U	52.5U
Total HpCDF + EMPC	NC	pg/L	50.5U	52.5U
TOTAL HXCDD	NC	pg/L	50.5U	52.5U
Total HxCDD + EMPC	NC	pg/L	50.5U	0.797EMPC
TOTAL HXCDF	NC	pg/L	50.5U	52.5U
Total HxCDF + EMPC	NC	pg/L	50.5U	52.5U
TOTAL PECDD	NC	pg/L	50.5U	52.5U
Total PeCDD + EMPC	NC	pg/L	50.5U	52.5U
TOTAL PECDF	NC	pg/L	50.5U	52.5U
Total PeCDF + EMPC	NC	pg/L	50.5U	0.294EMPC
TOTAL TCDD	NC	pg/L	10.1U	10.5U
Total TCDD + EMPC	NC	pg/L	10.1U	0.986EMPC
Total TCDF	NC	pg/L	10.1U	10.5U
Total TCDF + EMPC	NC	pg/L	10.1U	10.5U

Notes:

U - Non detect; J - estimated value; R - rejected value; NA - not analyzed; NC - no criteria;

EMPC - estimated maximum possible concentration; K - congener estimated maximum possible concentration.

NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum).

Table 11
Honeywell
SCA Hydrogeologic Investigation
Intermediate Monitoring Wells
Method 8260/8015 Volatile Organic Compound Data

Parameter Name	New York State Class GA Standards	Field Sample ID	SCA-0001-03	SCA-0008-05	SCA-0024-01	SCA-0027-02	SCA-0035-02	SCA-0044-03
		Location	SB915-MW-871	SB915-MW-871	SB915-MW-871	SB915-MW-871	SB915-MW-871	SB915-MW-871
		Sample Date	3/10/2011	6/22/2011	9/27/2011	12/6/2011	3/12/2012	5/7/2012
		Sample Depth	64-74 FT	64-74 FT	64-74 FT	64-74 FT	64-74 FT	64-74 FT
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Units						
1,1,1,2-TETRACHLOROETHANE	NC	µg/L	5.0U	5.0U	5.0U	0.68U	5.0U	5.0U
1,1,1-TRICHLOROETHANE	5(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
1,1,2,2-TETRACHLOROETHANE	5(S)	µg/L	1.0U	1.0U	1.0U	0.93U	1.0U	1.0U
1,1,2-TRICHLOROETHANE	1(S)	µg/L	1.0U	1.0U	1.0U	1.2U	1.0U	1.0U
1,1,2-TRICHLOROTRIFLUOROETHANE	NC	µg/L	NA	NA	NA	0.33U	NA	NA
1,1-DICHLOROETHANE	5(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
1,1-DICHLOROETHENE	5(S)	µg/L	1.0U	1.0U	1.0U	1.1U	1.0U	1.0U
1,1-DICHLOROPROPENE	NC	µg/L	5.0U	NA	NA	NA	NA	NA
1,2,3-TRICHLOROPROPANE	NC	µg/L	5.0U	5.0U	5.0U	1.6U	5.0U	5.0U
1,2,4-TRICHLOROENZENE	5(S)	µg/L	5.0U	NA	NA	0.38U	NA	NA
1,2-DIBROMO-3-CHLOROPROPANE	NC	µg/L	10U	10U	10U	0.35UJ	10U	10U
1,2-DIBROMOETHANE	5(S)	µg/L	2.0U	2.0U	2.0U	0.61U	2.0U	2.0U
1,2-DICHLOROBENZENE	3(S)	µg/L	1.0U	NA	1.0U	0.68U	1.0U	1.0U
1,2-DICHLOROETHANE	0.6(S)	µg/L	1.0U	1.0U	1.0U	0.96U	1.0U	1.0U
1,2-DICHLOROETHENE (TOTAL)	5(S)	µg/L	NA	NA	NA	0.95U	NA	NA
1,2-DICHLOROPROPANE	1(S)	µg/L	1.0U	1.0U	1.0U	1.3U	1.0U	1.0U
1,3-DICHLOROBENZENE	3(S)	µg/L	1.0U	NA	NA	0.51U	NA	NA
1,3-DICHLOROPROPANE	NC	µg/L	5.0U	NA	NA	NA	NA	NA
1,4-DICHLOROBENZENE	3(S)	µg/L	1.0U	NA	1.0U	0.53U	1.0U	1.0U
1,4-DIOXANE	NC	µg/L	NA	130U	NA	NA	NA	NA
2,2-DICHLOROPROPANE	NC	µg/L	5.0U	NA	NA	NA	NA	NA
2-BUTANONE	50(G)	µg/L	10U	10U	10U	1.1U	10U	10U
2-HEXANONE	50(G)	µg/L	5.0U	5.0U	5.0U	0.57U	5.0U	5.0U
2-PROPENENITRILE, 2-METHYL-	NC	µg/L	10U	10U	NA	NA	NA	NA
4-METHYL-2-PENTANONE	NC	µg/L	5.0U	5.0U	5.0U	0.59U	5.0U	5.0U
ACETONE	50(S)	µg/L	10U	10U	10U	5.0UJ	10U	10U
ACETONITRILE	NC	µg/L	100U	100U	NA	NA	50U	50U
ACETOPHENONE	NC	µg/L	NA	NA	NA	NA	NA	NA
ACROLEIN	NC	µg/L	50U	50U	NA	NA	NA	NA
ACRYLONITRILE	NC	µg/L	50U	50U	50U	6.8U	NA	NA
ALLYL CHLORIDE	NC	µg/L	5.0U	5.0U	NA	NA	NA	NA
BENZENE	1(S)	µg/L	1.0U	1.0U	1.0U	0.99U	1.0U	1.0U
BROMOCHLOROMETHANE	NC	µg/L	5.0U	NA	5.0U	NA	5.0U	5.0U
BROMODICHLOROMETHANE	50(G)	µg/L	1.0U	1.0U	1.0U	0.93U	1.0U	1.0U
BROMOFORM	50(G)	µg/L	4.0U	4.0U	4.0U	1.1UJ	4.0U	4.0U
BROMOMETHANE	5(S)	µg/L	2.0U	2.0U	2.0U	1.6U	2.0UJ	2.0UJ
CARBON DISULFIDE	60(G)	µg/L	2.0U	2.0U	2.0U	1.1U	2.0U	2.0U
CARBON TETRACHLORIDE	5(S)	µg/L	1.0U	1.0UJ	1.0U	1.1U	1.0U	1.0U
CHLOROBENZENE	5(S)	µg/L	1.0U	1.0U	1.0U	0.53U	1.0U	1.0U
CHLORODIBROMOMETHANE	50(G)	µg/L	1.0U	1.0U	1.0U	0.65U	1.0U	1.0U

Notes:

U - Non detect; J - estimated value; R - rejected value;

EMPC - estimated maximum possible concentration; K - congener estimated maximum possible concentration.

NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 11
Honeywell
SCA Hydrogeologic Investigation
Intermediate Monitoring Wells
Method 8260/8015 Volatile Organic Compound Data

Parameter Name	New York State Class GA Standards	Field Sample ID	SCA-0001-03	SCA-0008-05	SCA-0024-01	SCA-0027-02	SCA-0035-02	SCA-0044-03
		Location	SB915-MW-871	SB915-MW-871	SB915-MW-871	SB915-MW-871	SB915-MW-871	SB915-MW-871
		Sample Date	3/10/2011	6/22/2011	9/27/2011	12/6/2011	3/12/2012	5/7/2012
		Sample Depth	64-74 FT	64-74 FT	64-74 FT	64-74 FT	64-74 FT	64-74 FT
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Units						
CHLOROETHANE	5(S)	µg/L	1.0U	1.0U	1.0U	0.75U	1.0U	1.0U
CHLOROFORM	7(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
CHLOROMETHANE	5(S)	µg/L	1.0U	1.0U	1.0U	1.4U	1.0U	1.0U
CHLOROPRENE	NC	µg/L	5.0U	5.0U	NA	NA	NA	NA
CIS-1,2-DICHLOROETHENE	5(G)	µg/L	1.0U	1.0U	1.0U	0.67U	1.0U	1.0U
CIS-1,3-DICHLOROPROPENE	0.4(S)	µg/L	1.0U	1.0U	1.0U	0.73U	1.0U	1.0U
CYCLOHEXANE	NC	µg/L	NA	NA	NA	0.60U	NA	NA
DIBROMOMETHANE	NC	µg/L	5.0U	5.0U	5.0U	NA	5.0U	5.0U
DICHLORODIFLUOROMETHANE	5(S)	µg/L	5.0U	5.0U	NA	0.64U	NA	NA
ETHANE, PENTACHLORO-	NC	µg/L	NA	5.0U	NA	NA	NA	NA
ETHYL CYANIDE	NC	µg/L	NA	50U	NA	NA	NA	NA
ETHYL METHACRYLATE	NC	µg/L	10U	10U	NA	NA	NA	NA
ETHYLBENZENE	5(S)	µg/L	1.0U	1.0U	1.0U	0.62U	1.0U	1.0U
IODOMETHANE	NC	µg/L	25U	25U	NA	NA	NA	NA
ISOBUTANOL	NC	µg/L	100U	50U	NA	NA	NA	NA
ISOPROPANOL	NC	µg/L	NA	NA	NA	NA	NA	NA
ISOPROPYLBENZENE	5(G)	µg/L	NA	NA	NA	0.53U	NA	NA
METHYL ACETATE	NC	µg/L	NA	NA	NA	1.2U	NA	NA
METHYL METHACRYLATE	NC	µg/L	10U	10U	NA	NA	NA	NA
METHYL TERT-BUTYL ETHER	10(G)	µg/L	NA	NA	NA	1.0U	NA	NA
METHYLCYCLOHEXANE	NC	µg/L	NA	NA	NA	0.56U	NA	NA
METHYLENE CHLORIDE	5(S)	µg/L	2.0U	2.0U	2.0U	1.1U	2.0U	2.0U
O-XYLENE	5(S)	µg/L	1.0U	NA	NA	NA	NA	NA
STYRENE	5(S)	µg/L	5.0U	5.0U	5.0U	0.64U	5.0U	5.0U
TETRACHLOROETHENE	5(S)	µg/L	1.0U	1.0U	1.0U	0.82U	1.0U	1.0U
TOLUENE	5(S)	µg/L	1.0U	1.0U	1.0U	0.85U	1.0U	1.0U
TRANS-1,2-DICHLOROETHENE	5(G)	µg/L	1.0U	1.0U	1.0U	0.75U	1.0U	1.0U
TRANS-1,3-DICHLOROPROPENE	0.4(S)	µg/L	1.0U	1.0U	1.0U	0.58U	1.0U	1.0U
TRANS-1,4-DICHLORO-2-BUTENE	NC	µg/L	5.0U	5.0U	5.0U	0.81U	5.0U	5.0U
TRICHLOROETHENE	5(S)	µg/L	1.0U	1.0U	1.0U	0.80U	1.0U	1.0U
TRICHLOROFLUOROMETHANE	5(S)	µg/L	5.0U	5.0U	5.0U	1.1U	5.0U	5.0U
VINYL ACETATE	NC	µg/L	10U	10U	10U	0.86U	10U	10U
VINYL CHLORIDE	2(S)	µg/L	1.0U	1.0U	1.0U	1.3U	1.0U	1.0U
XYLENES, M & P	5(S)	µg/L	1.0U	NA	NA	NA	NA	NA
XYLENES, TOTAL	5(S)	µg/L	1.0U	1.0U	1.0U	2.0U	1.0U	1.0U

Notes:

U - Non detect; J - estimated value; R - rejected value;

EMPC - estimated maximum possible concentration; K - congener estimated maximum possible concentration.

NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 11
Honeywell
SCA Hydrogeologic Investigation
Intermediate Monitoring Wells
Method 8260/8015 Volatile Organic Compound Data

Parameter Name	New York State Class GA Standards	Field Sample ID	SCA-0052-04	SCA-0002-02	SCA-0009-02	SCA-0026-02	SCA-0029-02	SCA-0036-02
		Location	SB915-MW-871	SB915-MW-881	SB915-MW-881	SB915-MW-881	SB915-MW-881	SB915-MW-881
		Sample Date	7/11/2012	3/11/2011	6/23/2011	9/28/2011	12/8/2011	3/13/2012
		Sample Depth	64-74 FT	42-52 FT	42-52 FT	42-52 FT	42-52 FT	42-52 FT
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Units						
1,1,1,2-TETRACHLOROETHANE	NC	µg/L	5.0U	5.0U	5.0U	5.0U	0.68U	5.0U
1,1,1-TRICHLOROETHANE	5(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
1,1,2,2-TETRACHLOROETHANE	5(S)	µg/L	1.0U	1.0U	1.0U	1.0U	0.93U	1.0U
1,1,2-TRICHLOROETHANE	1(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.2U	1.0U
1,1,2-TRICHLOROTRIFLUOROETHANE	NC	µg/L	NA	NA	NA	NA	0.33U	NA
1,1-DICHLOROETHANE	5(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
1,1-DICHLOROETHENE	5(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.1U	1.0U
1,1-DICHLOROPROPENE	NC	µg/L	NA	5.0U	NA	NA	NA	NA
1,2,3-TRICHLOROPROPANE	NC	µg/L	5.0U	5.0U	5.0U	5.0U	1.6U	5.0U
1,2,4-TRICHLOROENZENE	5(S)	µg/L	NA	5.0U	NA	NA	0.38U	NA
1,2-DIBROMO-3-CHLOROPROPANE	NC	µg/L	10U	10U	10U	10U	0.35U	10U
1,2-DIBROMOETHANE	5(S)	µg/L	2.0U	2.0U	2.0U	2.0U	0.61U	2.0U
1,2-DICHLOROBENZENE	3(S)	µg/L	1.0U	1.6	NA	1.5	1.5J	1.6
1,2-DICHLOROETHANE	0.6(S)	µg/L	1.0U	1.0U	1.0U	1.0U	0.96U	1.0U
1,2-DICHLOROETHENE (TOTAL)	5(S)	µg/L	NA	NA	NA	NA	NA	NA
1,2-DICHLOROPROPANE	1(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.3U	1.0U
1,3-DICHLOROBENZENE	3(S)	µg/L	NA	0.45J	NA	NA	0.52J	NA
1,3-DICHLOROPROPANE	NC	µg/L	NA	5.0U	NA	NA	NA	NA
1,4-DICHLOROBENZENE	3(S)	µg/L	1.0U	[6.2]	NA	[6.1]	[7.5]	[11.0]
1,4-DIOXANE	NC	µg/L	NA	NA	130U	NA	NA	NA
2,2-DICHLOROPROPANE	NC	µg/L	NA	5.0U	NA	NA	NA	NA
2-BUTANONE	50(G)	µg/L	10U	10U	10U	10U	1.1UJ	10U
2-HEXANONE	50(G)	µg/L	5.0U	5.0U	5.0U	5.0U	0.57UJ	5.0U
2-PROPENENITRILE, 2-METHYL-	NC	µg/L	NA	10U	10U	NA	NA	NA
4-METHYL-2-PENTANONE	NC	µg/L	5.0U	5.0U	5.0U	5.0U	0.59UJ	5.0U
ACETONE	50(S)	µg/L	10U	4.9J	10U	10U	5.0UJ	10U
ACETONITRILE	NC	µg/L	50U	100U	100U	NA	NA	50U
ACETOPHENONE	NC	µg/L	NA	NA	NA	NA	NA	NA
ACROLEIN	NC	µg/L	NA	50U	50U	NA	NA	NA
ACRYLONITRILE	NC	µg/L	NA	50U	50U	50U	6.8UJ	NA
ALLYL CHLORIDE	NC	µg/L	NA	5.0U	5.0U	NA	NA	NA
BENZENE	1(S)	µg/L	1.0U	[1.2]	[1.5]	[1.5]	[3.8J]	[2.0]
BROMOCHLOROMETHANE	NC	µg/L	5.0U	5.0U	NA	5.0U	NA	5.0U
BROMODICHLOROMETHANE	50(G)	µg/L	1.0U	1.0U	1.0U	1.0U	0.93U	1.0U
BROMOFORM	50(G)	µg/L	4.0U	4.0U	4.0U	4.0U	1.1U	4.0U
BROMOMETHANE	5(S)	µg/L	2.0U	2.0U	2.0U	2.0U	1.6U	2.0UJ
CARBON DISULFIDE	60(G)	µg/L	2.0U	2.0U	2.0U	2.0U	1.1U	2.0U
CARBON TETRACHLORIDE	5(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.1U	1.0U
CHLOROBENZENE	5(S)	µg/L	1.0U	[21.2]	[17.8]	[16.4]	[31]	[29.4]
CHLORODIBROMOMETHANE	50(G)	µg/L	1.0U	1.0U	1.0U	1.0U	0.65U	1.0U

Notes:

U - Non detect; J - estimated value; R - rejected value;

EMPC - estimated maximum possible concentration; K - congener estimated maximum possible concentration.

NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 11
Honeywell
SCA Hydrogeologic Investigation
Intermediate Monitoring Wells
Method 8260/8015 Volatile Organic Compound Data

Parameter Name	New York State Class GA Standards	Field Sample ID	SCA-0052-04	SCA-0002-02	SCA-0009-02	SCA-0026-02	SCA-0029-02	SCA-0036-02
		Location	SB915-MW-871	SB915-MW-881	SB915-MW-881	SB915-MW-881	SB915-MW-881	SB915-MW-881
		Sample Date	7/11/2012	3/11/2011	6/23/2011	9/28/2011	12/8/2011	3/13/2012
		Sample Depth	64-74 FT	42-52 FT	42-52 FT	42-52 FT	42-52 FT	42-52 FT
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
Units								
CHLOROETHANE	5(S)	µg/L	1.0U	1.0U	1.0U	1.0U	0.75U	1.0UJ
CHLOROFORM	7(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
CHLOROMETHANE	5(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.4U	1.0U
CHLOROPRENE	NC	µg/L	NA	5.0U	5.0U	NA	NA	NA
CIS-1,2-DICHLOROETHENE	5(G)	µg/L	1.0U	1.0U	1.0U	1.0U	0.67U	1.0U
CIS-1,3-DICHLOROPROPENE	0.4(S)	µg/L	1.0U	1.0U	1.0U	1.0U	0.73U	1.0U
CYCLOHEXANE	NC	µg/L	NA	NA	NA	NA	0.60U	NA
DIBROMOMETHANE	NC	µg/L	5.0U	5.0U	5.0U	5.0U	NA	5.0U
DICHLORODIFLUOROMETHANE	5(S)	µg/L	NA	5.0U	5.0U	NA	0.64U	NA
ETHANE, PENTACHLORO-	NC	µg/L	NA	NA	5.0U	NA	NA	NA
ETHYL CYANIDE	NC	µg/L	NA	NA	50U	NA	NA	NA
ETHYL METHACRYLATE	NC	µg/L	NA	10U	10U	NA	NA	NA
ETHYLBENZENE	5(S)	µg/L	1.0U	1.0U	1.0U	1.0U	0.62U	1.0U
IODOMETHANE	NC	µg/L	NA	25U	25U	NA	NA	NA
ISOBUTANOL	NC	µg/L	NA	100U	50U	NA	NA	NA
ISOPROPANOL	NC	µg/L	NA	NA	NA	NA	NA	NA
ISOPROPYLBENZENE	5(G)	µg/L	NA	NA	NA	NA	0.53U	NA
METHYL ACETATE	NC	µg/L	NA	NA	NA	NA	1.2UJ	NA
METHYL METHACRYLATE	NC	µg/L	NA	10U	10U	NA	NA	NA
METHYL TERT-BUTYL ETHER	10(G)	µg/L	NA	NA	NA	NA	1.0U	NA
METHYLCYCLOHEXANE	NC	µg/L	NA	NA	NA	NA	0.56U	NA
METHYLENE CHLORIDE	5(S)	µg/L	2.0U	2.0U	2.0U	2.0U	1.1U	2.0U
O-XYLENE	5(S)	µg/L	NA	1.0U	NA	NA	0.73U	NA
STYRENE	5(S)	µg/L	5.0U	5.0U	5.0U	5.0U	0.64U	5.0U
TETRACHLOROETHENE	5(S)	µg/L	1.0U	1.0U	1.0U	1.0U	0.82U	1.0U
TOLUENE	5(S)	µg/L	1.0U	1.0U	0.33J	1.0U	0.85U	0.26J
TRANS-1,2-DICHLOROETHENE	5(G)	µg/L	1.0U	1.0U	1.0U	1.0U	0.75U	1.0U
TRANS-1,3-DICHLOROPROPENE	0.4(S)	µg/L	1.0U	1.0U	1.0U	1.0U	0.58U	1.0U
TRANS-1,4-DICHLORO-2-BUTENE	NC	µg/L	5.0U	5.0U	5.0U	5.0U	0.81U	5.0U
TRICHLOROETHENE	5(S)	µg/L	1.0U	1.0U	1.0U	1.0U	0.80U	1.0U
TRICHLOROFLUOROMETHANE	5(S)	µg/L	5.0U	5.0U	5.0U	5.0U	1.1U	5.0U
VINYL ACETATE	NC	µg/L	10U	10U	10U	10U	0.86U	10U
VINYL CHLORIDE	2(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.3U	1.0U
XYLENES, M & P	5(S)	µg/L	NA	1.0U	NA	NA	1.3U	NA
XYLENES, TOTAL	5(S)	µg/L	1.0U	1.0U	0.30J	1.0U	2.0U	1.0U

Notes:

U - Non detect; J - estimated value; R - rejected value;

EMPC - estimated maximum possible concentration; K - congener estimated maximum possible concentration.

NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 11
Honeywell
SCA Hydrogeologic Investigation
Intermediate Monitoring Wells
Method 8260/8015 Volatile Organic Compound Data

Parameter Name	New York State Class GA Standards	Field Sample ID	SCA-0045-02	SCA-0053-02	SCA-0003-02	SCA-0010-02	SCA-0022-03	SCA-0031-02
		Location	SB915-MW-881	SB915-MW-881	SB915-MW-891	SB915-MW-891	SB915-MW-891	SB915-MW-891
		Sample Date	5/8/2012	7/12/2012	3/14/2011	6/24/2011	9/26/2011	12/12/2011
		Sample Depth	42-52 FT	42-52 FT	43-53 FT	43-53 FT	43-53 FT	43-53 FT
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Units						
1,1,1,2-TETRACHLOROETHANE	NC	µg/L	5.0U	5.0U	5.0U	5.0U	5.0U	0.68U
1,1,1-TRICHLOROETHANE	5(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
1,1,2,2-TETRACHLOROETHANE	5(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	0.93U
1,1,2-TRICHLOROETHANE	1(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.2U
1,1,2-TRICHLOROTRIFLUOROETHANE	NC	µg/L	NA	NA	NA	NA	NA	0.33U
1,1-DICHLOROETHANE	5(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
1,1-DICHLOROETHENE	5(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.1U
1,1-DICHLOROPROPENE	NC	µg/L	NA	NA	5.0U	NA	NA	NA
1,2,3-TRICHLOROPROPANE	NC	µg/L	5.0U	5.0U	5.0U	5.0U	5.0U	1.6UJ
1,2,4-TRICHLOROENZENE	5(S)	µg/L	NA	NA	5.0U	NA	NA	0.38UJ
1,2-DIBROMO-3-CHLOROPROPANE	NC	µg/L	10U	10U	10U	10U	10U	0.35UJ
1,2-DIBROMOETHANE	5(S)	µg/L	2.0U	2.0U	2.0U	2.0U	2.0U	0.61U
1,2-DICHLOROBENZENE	3(S)	µg/L	1.1	1.2	[83.2]	NA	[66.3]	[64]
1,2-DICHLOROETHANE	0.6(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	0.96U
1,2-DICHLOROETHENE (TOTAL)	5(S)	µg/L	NA	NA	NA	NA	NA	NA
1,2-DICHLOROPROPANE	1(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.3U
1,3-DICHLOROBENZENE	3(S)	µg/L	NA	NA	0.74J	NA	NA	0.51U
1,3-DICHLOROPROPANE	NC	µg/L	NA	NA	5.0U	NA	NA	NA
1,4-DICHLOROBENZENE	3(S)	µg/L	[9.6]	[10.9]	[87.5]	NA	[73.2]	[61]
1,4-DIOXANE	NC	µg/L	NA	NA	NA	130U	NA	NA
2,2-DICHLOROPROPANE	NC	µg/L	NA	NA	5.0U	NA	NA	NA
2-BUTANONE	50(G)	µg/L	10U	10U	10U	10U	10U	1.1UJ
2-HEXANONE	50(G)	µg/L	5.0U	5.0U	5.0U	5.0U	5.0U	0.57UJ
2-PROPENENITRILE, 2-METHYL-	NC	µg/L	NA	NA	10U	10U	NA	NA
4-METHYL-2-PENTANONE	NC	µg/L	5.0U	5.0U	5.0U	5.0U	5.0U	0.59U
ACETONE	50(S)	µg/L	10U	10UJ	10U	10U	10U	5.0UJ
ACETONITRILE	NC	µg/L	50U	50U	100U	100U	NA	NA
ACETOPHENONE	NC	µg/L	NA	NA	NA	NA	NA	NA
ACROLEIN	NC	µg/L	NA	NA	50U	50U	NA	NA
ACRYLONITRILE	NC	µg/L	NA	NA	50U	50U	50U	6.8U
ALLYL CHLORIDE	NC	µg/L	NA	NA	5.0U	5.0U	NA	NA
BENZENE	1(S)	µg/L	[2.6]	[3.7]	[5.1]	[2.0]	[4.3]	[8.5]
BROMOCHLOROMETHANE	NC	µg/L	5.0U	5.0U	5.0U	NA	5.0U	NA
BROMODICHLOROMETHANE	50(G)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	0.93U
BROMOFORM	50(G)	µg/L	4.0U	4.0U	4.0U	4.0U	4.0U	1.1U
BROMOMETHANE	5(S)	µg/L	2.0U	2.0U	2.0U	2.0U	2.0U	1.6U
CARBON DISULFIDE	60(G)	µg/L	2.0U	2.0U	2.0U	2.0U	2.0U	1.1UJ
CARBON TETRACHLORIDE	5(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.1U
CHLOROBENZENE	5(S)	µg/L	[30.7]	[48.0]	[185]	[63.6]	[129]	[280J]
CHLORODIBROMOMETHANE	50(G)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	0.65U

Notes:

U - Non detect; J - estimated value; R - rejected value;

EMPC - estimated maximum possible concentration; K - congener estimated maximum possible concentration.

NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 11
Honeywell
SCA Hydrogeologic Investigation
Intermediate Monitoring Wells
Method 8260/8015 Volatile Organic Compound Data

Parameter Name	New York State Class GA Standards	Field Sample ID	SCA-0045-02	SCA-0053-02	SCA-0003-02	SCA-0010-02	SCA-0022-03	SCA-0031-02
		Location	SB915-MW-88I	SB915-MW-88I	SB915-MW-89I	SB915-MW-89I	SB915-MW-89I	SB915-MW-89I
		Sample Date	5/8/2012	7/12/2012	3/14/2011	6/24/2011	9/26/2011	12/12/2011
		Sample Depth	42-52 FT	42-52 FT	43-53 FT	43-53 FT	43-53 FT	43-53 FT
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
Units								
CHLOROETHANE	5(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	0.75UJ
CHLOROFORM	7(S)	µg/L	1.0U	1.0U	0.62J	1.0U	1.0U	1.0U
CHLOROMETHANE	5(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.4U
CHLOROPRENE	NC	µg/L	NA	NA	5.0U	5.0U	NA	NA
CIS-1,2-DICHLOROETHENE	5(G)	µg/L	1.0U	1.0U	0.31J	1.0U	0.27J	0.67U
CIS-1,3-DICHLOROPROPENE	0.4(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	0.73U
CYCLOHEXANE	NC	µg/L	NA	NA	NA	NA	NA	0.60U
DIBROMOMETHANE	NC	µg/L	5.0U	5.0U	5.0U	5.0U	5.0U	NA
DICHLORODIFLUOROMETHANE	5(S)	µg/L	NA	NA	5.0U	5.0U	NA	0.64U
ETHANE, PENTACHLORO-	NC	µg/L	NA	NA	NA	5.0U	NA	NA
ETHYL CYANIDE	NC	µg/L	NA	NA	NA	50U	NA	NA
ETHYL METHACRYLATE	NC	µg/L	NA	NA	10U	10U	NA	NA
ETHYLBENZENE	5(S)	µg/L	0.22J	0.42J	1.0U	1.0U	1.0U	0.62U
IODOMETHANE	NC	µg/L	NA	NA	25U	25U	NA	NA
ISOBUTANOL	NC	µg/L	NA	NA	100U	50U	NA	NA
ISOPROPANOL	NC	µg/L	NA	NA	NA	NA	NA	NA
ISOPROPYLBENZENE	5(G)	µg/L	NA	NA	NA	NA	NA	0.53U
METHYL ACETATE	NC	µg/L	NA	NA	NA	NA	NA	1.2UJ
METHYL METHACRYLATE	NC	µg/L	NA	NA	10U	10U	NA	NA
METHYL TERT-BUTYL ETHER	10(G)	µg/L	NA	NA	NA	NA	NA	1.0U
METHYLCYCLOHEXANE	NC	µg/L	NA	NA	NA	NA	NA	0.56U
METHYLENE CHLORIDE	5(S)	µg/L	2.0U	2.0U	2.0U	2.0U	2.0U	1.1U
O-XYLENE	5(S)	µg/L	NA	NA	0.42J	NA	NA	0.73U
STYRENE	5(S)	µg/L	5.0U	5.0U	5.0U	5.0U	5.0U	0.64U
TETRACHLOROETHENE	5(S)	µg/L	1.0U	1.0U	0.35J	1.0U	1.0U	0.82U
TOLUENE	5(S)	µg/L	0.35J	0.42J	1.0U	0.20J	1.0U	0.85U
TRANS-1,2-DICHLOROETHENE	5(G)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	0.75U
TRANS-1,3-DICHLOROPROPENE	0.4(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	0.58U
TRANS-1,4-DICHLORO-2-BUTENE	NC	µg/L	5.0UJ	5.0U	5.0U	5.0U	5.0U	0.81U
TRICHLOROETHENE	5(S)	µg/L	1.0U	1.0U	0.67J	0.29J	0.48J	0.93J
TRICHLOROFLUOROMETHANE	5(S)	µg/L	5.0U	5.0U	5.0U	5.0U	5.0U	1.1UJ
VINYL ACETATE	NC	µg/L	10U	10U	10U	10U	10U	0.86U
VINYL CHLORIDE	2(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.3U
XYLENES, M & P	5(S)	µg/L	NA	NA	1.0U	NA	NA	1.3U
XYLENES, TOTAL	5(S)	µg/L	1.0U	1.0U	0.42J	1.0U	1.0U	2.0U

Notes:

U - Non detect; J - estimated value; R - rejected value;

EMPC - estimated maximum possible concentration; K - congener estimated maximum possible concentration.

NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 11
Honeywell
SCA Hydrogeologic Investigation
Intermediate Monitoring Wells
Method 8260/8015 Volatile Organic Compound Data

Parameter Name	New York State Class GA Standards	Field Sample ID	SCA-0039-02	SCA-0046-02	SCA-0055-05	SCA-0004-05	SCA-0011-01	SCA-0020-01
		Location	SB915-MW-89I	SB915-MW-89I	SB915-MW-89I	SB915-MW-90I	SB915-MW-90I	SB915-MW-90I
		Sample Date	3/16/2012	5/9/2012	7/14/2012	3/15/2011	6/27/2011	9/23/2011
		Sample Depth	43-53 FT	43-53 FT	43-53 FT	42-52 FT	42-52 FT	42-52 FT
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Units						
1,1,1,2-TETRACHLOROETHANE	NC	µg/L	10U	5.0U	5.0U	5.0U	5.0U	5.0U
1,1,1-TRICHLOROETHANE	5(S)	µg/L	2.0U	1.0U	1.0U	1.0U	1.0U	1.0U
1,1,2,2-TETRACHLOROETHANE	5(S)	µg/L	2.0U	1.0U	1.0U	1.0U	1.0U	1.0U
1,1,2-TRICHLOROETHANE	1(S)	µg/L	2.0U	1.0U	1.0U	1.0U	1.0U	1.0U
1,1,2-TRICHLOROTRIFLUOROETHANE	NC	µg/L	NA	NA	NA	NA	NA	NA
1,1-DICHLOROETHANE	5(S)	µg/L	2.0U	1.0U	1.0U	0.47J	0.65J	0.52J
1,1-DICHLOROETHENE	5(S)	µg/L	2.0U	1.0U	1.0U	1.0U	1.0U	1.0U
1,1-DICHLOROPROPENE	NC	µg/L	NA	NA	NA	5.0U	NA	NA
1,2,3-TRICHLOROPROPANE	NC	µg/L	10U	5.0U	5.0U	5.0U	5.0U	5.0U
1,2,4-TRICHLOROENZENE	5(S)	µg/L	NA	NA	NA	5.0U	NA	NA
1,2-DIBROMO-3-CHLOROPROPANE	NC	µg/L	20U	10U	10U	10U	10U	10U
1,2-DIBROMOETHANE	5(S)	µg/L	4.0U	2.0U	2.0U	2.0U	2.0U	2.0U
1,2-DICHLOROBENZENE	3(S)	µg/L	[78.6]	[78.5]	[79.0]	[20.3]	NA	[22.3]
1,2-DICHLOROETHANE	0.6(S)	µg/L	2.0U	1.0U	1.0U	[4.1]	[4.2]	[4.7]
1,2-DICHLOROETHENE (TOTAL)	5(S)	µg/L	NA	NA	NA	NA	NA	NA
1,2-DICHLOROPROPANE	1(S)	µg/L	2.0U	1.0U	1.0U	1.0U	1.0U	1.0U
1,3-DICHLOROBENZENE	3(S)	µg/L	NA	NA	NA	[4.5]	NA	NA
1,3-DICHLOROPROPANE	NC	µg/L	NA	NA	NA	5.0U	NA	NA
1,4-DICHLOROBENZENE	3(S)	µg/L	[79.4]	[74.6]	[93.4]	[60.5]	NA	[76.7]
1,4-DIOXANE	NC	µg/L	NA	NA	NA	NA	130U	NA
2,2-DICHLOROPROPANE	NC	µg/L	NA	NA	NA	5.0U	NA	NA
2-BUTANONE	50(G)	µg/L	20U	10U	10U	10U	10U	10U
2-HEXANONE	50(G)	µg/L	10U	5.0U	5.0U	5.0U	5.0U	5.0U
2-PROPENENITRILE, 2-METHYL-	NC	µg/L	NA	NA	NA	10U	10U	NA
4-METHYL-2-PENTANONE	NC	µg/L	10U	5.0U	5.0U	5.0U	5.0U	5.0U
ACETONE	50(S)	µg/L	20U	10U	10UJ	10U	10U	10U
ACETONITRILE	NC	µg/L	100U	50U	50U	100U	100U	NA
ACETOPHENONE	NC	µg/L	NA	NA	NA	NA	NA	NA
ACROLEIN	NC	µg/L	NA	NA	NA	50U	50U	NA
ACRYLONITRILE	NC	µg/L	NA	NA	NA	50U	50U	50U
ALLYL CHLORIDE	NC	µg/L	NA	NA	NA	5.0U	5.0U	NA
BENZENE	1(S)	µg/L	[5.9]	[8.1]	[3.9]	[4.5]	[6.7]	[5.7]
BROMOCHLOROMETHANE	NC	µg/L	10U	5.0U	5.0U	5.0U	NA	5.0U
BROMODICHLOROMETHANE	50(G)	µg/L	2.0U	1.0U	1.0U	1.0U	1.0U	1.0U
BROMOFORM	50(G)	µg/L	8.0U	4.0U	4.0U	4.0U	4.0U	4.0U
BROMOMETHANE	5(S)	µg/L	4.0UJ	2.0U	2.0U	2.0U	2.0U	2.0U
CARBON DISULFIDE	60(G)	µg/L	4.0U	2.0U	2.0U	2.0U	2.0U	2.0U
CARBON TETRACHLORIDE	5(S)	µg/L	2.0U	1.0U	1.0U	1.0U	1.0U	1.0U
CHLOROBENZENE	5(S)	µg/L	[233]	[271]	[118]	[117]	[157]	[152]
CHLORODIBROMOMETHANE	50(G)	µg/L	2.0U	1.0U	1.0U	1.0U	1.0U	1.0U

Notes:

U - Non detect; J - estimated value; R - rejected value;

EMPC - estimated maximum possible concentration; K - congener estimated maximum possible concentration.

NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 11
Honeywell
SCA Hydrogeologic Investigation
Intermediate Monitoring Wells
Method 8260/8015 Volatile Organic Compound Data

Parameter Name	New York State Class GA Standards	Field Sample ID	SCA-0039-02	SCA-0046-02	SCA-0055-05	SCA-0004-05	SCA-0011-01	SCA-0020-01
		Location	SB915-MW-89I	SB915-MW-89I	SB915-MW-89I	SB915-MW-90I	SB915-MW-90I	SB915-MW-90I
		Sample Date	3/16/2012	5/9/2012	7/14/2012	3/15/2011	6/27/2011	9/23/2011
		Sample Depth	43-53 FT	43-53 FT	43-53 FT	42-52 FT	42-52 FT	42-52 FT
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Units						
CHLOROETHANE	5(S)	µg/L	2.0UJ	1.0U	1.0U	1.0U	1.0U	1.0U
CHLOROFORM	7(S)	µg/L	2.0U	1.0U	1.0U	1.0U	1.0U	1.0U
CHLOROMETHANE	5(S)	µg/L	2.0U	1.0U	1.0U	1.0U	1.0U	1.0U
CHLOROPRENE	NC	µg/L	NA	NA	NA	5.0U	5.0U	NA
CIS-1,2-DICHLOROETHENE	5(G)	µg/L	2.0U	1.0U	0.26J	1.7	2.6	2.2
CIS-1,3-DICHLOROPROPENE	0.4(S)	µg/L	2.0U	1.0U	1.0U	1.0U	1.0U	1.0U
CYCLOHEXANE	NC	µg/L	NA	NA	NA	NA	NA	NA
DIBROMOMETHANE	NC	µg/L	10U	5.0U	5.0U	5.0U	5.0U	5.0U
DICHLORODIFLUOROMETHANE	5(S)	µg/L	NA	NA	NA	5.0U	5.0U	NA
ETHANE, PENTACHLORO-	NC	µg/L	NA	NA	NA	NA	5.0U	NA
ETHYL CYANIDE	NC	µg/L	NA	NA	NA	NA	50U	NA
ETHYL METHACRYLATE	NC	µg/L	NA	NA	NA	10U	10U	NA
ETHYLBENZENE	5(S)	µg/L	2.0U	1.0U	1.0U	1.0U	1.0U	1.0U
IODOMETHANE	NC	µg/L	NA	NA	NA	25U	25U	NA
ISOBUTANOL	NC	µg/L	NA	NA	NA	100U	50U	NA
ISOPROPANOL	NC	µg/L	NA	NA	NA	NA	NA	NA
ISOPROPYLBENZENE	5(G)	µg/L	NA	NA	NA	NA	NA	NA
METHYL ACETATE	NC	µg/L	NA	NA	NA	NA	NA	NA
METHYL METHACRYLATE	NC	µg/L	NA	NA	NA	10U	10U	NA
METHYL TERT-BUTYL ETHER	10(G)	µg/L	NA	NA	NA	NA	NA	NA
METHYLCYCLOHEXANE	NC	µg/L	NA	NA	NA	NA	NA	NA
METHYLENE CHLORIDE	5(S)	µg/L	4.0U	2.0U	2.0U	2.0U	2.0U	2.0U
O-XYLENE	5(S)	µg/L	NA	NA	NA	1.0U	NA	NA
STYRENE	5(S)	µg/L	10U	5.0U	5.0U	5.0U	5.0U	5.0U
TETRACHLOROETHENE	5(S)	µg/L	2.0U	0.79J	1.0U	1.0U	1.0U	1.0U
TOLUENE	5(S)	µg/L	2.0U	1.0U	1.0U	1.0U	0.34J	0.28J
TRANS-1,2-DICHLOROETHENE	5(G)	µg/L	2.0U	1.0U	1.0U	1.6	2.1	2
TRANS-1,3-DICHLOROPROPENE	0.4(S)	µg/L	2.0U	1.0U	1.0U	1.0U	1.0U	1.0U
TRANS-1,4-DICHLORO-2-BUTENE	NC	µg/L	10U	5.0U	5.0U	5.0U	5.0U	5.0U
TRICHLOROETHENE	5(S)	µg/L	2.0U	0.99J	0.39J	1.0U	1.0U	1.0U
TRICHLOROFLUOROMETHANE	5(S)	µg/L	10U	5.0U	5.0U	5.0U	5.0U	5.0U
VINYL ACETATE	NC	µg/L	20U	10U	10U	10U	10U	10U
VINYL CHLORIDE	2(S)	µg/L	2.0U	1.0U	1.0U	0.87J	0.89J	1.1
XYLENES, M & P	5(S)	µg/L	NA	NA	NA	1.0U	NA	NA
XYLENES, TOTAL	5(S)	µg/L	2.0U	0.44J	1.0U	1.0U	1.0U	1.0U

Notes:

U - Non detect; J - estimated value; R - rejected value;

EMPC - estimated maximum possible concentration; K - congener estimated maximum possible concentration.

NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 11
Honeywell
SCA Hydrogeologic Investigation
Intermediate Monitoring Wells
Method 8260/8015 Volatile Organic Compound Data

Parameter Name	New York State Class GA Standards	Field Sample ID	SCA-0032-02	SCA-0040-02	SCA-0047-02	SCA-0056-06	SCA-0006-03	SCA-0012-03
		Location	SB915-MW-90I	SB915-MW-90I	SB915-MW-90I	SB915-MW-90I	SB915-MW-91I	SB915-MW-91I
		Sample Date	12/13/2011	3/19/2012	5/10/2012	7/17/2012	3/17/2011	6/28/2011
		Sample Depth	42-52 FT	42-52 FT	42-52 FT	42-52 FT	115-125 FT	115-125 FT
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Units						
1,1,1,2-TETRACHLOROETHANE	NC	µg/L	0.68U	5.0U	5.0U	5.0U	5.0U	5.0U
1,1,1-TRICHLOROETHANE	5(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
1,1,2,2-TETRACHLOROETHANE	5(S)	µg/L	0.93U	1.0U	1.0U	1.0U	1.0U	1.0U
1,1,2-TRICHLOROETHANE	1(S)	µg/L	1.2U	1.0U	1.0U	1.0U	1.0U	1.0U
1,1,2-TRICHLOROTRIFLUOROETHANE	NC	µg/L	0.33U	NA	NA	NA	NA	NA
1,1-DICHLOROETHANE	5(S)	µg/L	1.0U	1.0U	0.51J	0.43J	1.0U	1.0U
1,1-DICHLOROETHENE	5(S)	µg/L	1.1U	1.0U	1.0U	1.0U	1.0U	1.0U
1,1-DICHLOROPROPENE	NC	µg/L	NA	NA	NA	NA	5.0U	NA
1,2,3-TRICHLOROPROPANE	NC	µg/L	1.6UJ	5.0U	5.0U	5.0U	5.0U	5.0U
1,2,4-TRICHLOROENZENE	5(S)	µg/L	0.38UJ	NA	NA	NA	5.0U	NA
1,2-DIBROMO-3-CHLOROPROPANE	NC	µg/L	0.35UJ	10U	10U	10U	10U	10U
1,2-DIBROMOETHANE	5(S)	µg/L	0.61U	2.0U	2.0U	2.0U	2.0U	2.0U
1,2-DICHLOROBENZENE	3(S)	µg/L	[17]	[17.1]	[18.9]	[17.0]	[3.8]	NA
1,2-DICHLOROETHANE	0.6(S)	µg/L	[5.4]	[4.7]	[4.9]	[5.5]	[1.1]	[1.3]
1,2-DICHLOROETHENE (TOTAL)	5(S)	µg/L	NA	NA	NA	NA	NA	NA
1,2-DICHLOROPROPANE	1(S)	µg/L	1.3U	1.0U	1.0U	1.0U	1.0U	1.0U
1,3-DICHLOROBENZENE	3(S)	µg/L	0.51U	NA	NA	NA	1.0U	NA
1,3-DICHLOROPROPANE	NC	µg/L	NA	NA	NA	NA	5.0U	NA
1,4-DICHLOROBENZENE	3(S)	µg/L	[64]	[63.7]	[73.0]	[69.3]	[3.2]	NA
1,4-DIOXANE	NC	µg/L	NA	NA	NA	NA	NA	130U
2,2-DICHLOROPROPANE	NC	µg/L	NA	NA	NA	NA	5.0U	NA
2-BUTANONE	50(G)	µg/L	1.1UJ	10U	10UJ	10U	10U	10U
2-HEXANONE	50(G)	µg/L	0.57UJ	5.0U	5.0U	5.0U	5.0U	5.0U
2-PROPENENITRILE, 2-METHYL-	NC	µg/L	NA	NA	NA	NA	10U	10U
4-METHYL-2-PENTANONE	NC	µg/L	0.59U	5.0U	5.0U	5.0U	5.0U	5.0U
ACETONE	50(S)	µg/L	5.0UJ	10U	10U	10U	10U	10U
ACETONITRILE	NC	µg/L	NA	50U	50UJ	50U	100U	100UJ
ACETOPHENONE	NC	µg/L	NA	NA	NA	NA	0	NA
ACROLEIN	NC	µg/L	NA	NA	NA	NA	50U	50U
ACRYLONITRILE	NC	µg/L	6.8U	NA	NA	NA	50U	50U
ALLYL CHLORIDE	NC	µg/L	NA	NA	NA	NA	5.0U	5.0U
BENZENE	1(S)	µg/L	[5.5]	[4.6]	[4.9]	[4.8]	0.49J	0.41J
BROMOCHLOROMETHANE	NC	µg/L	NA	5.0U	5.0U	5.0U	5.0U	NA
BROMODICHLOROMETHANE	50(G)	µg/L	0.93U	1.0U	1.0U	1.0U	1.0U	1.0U
BROMOFORM	50(G)	µg/L	1.1U	4.0U	4.0U	4.0U	4.0U	4.0U
BROMOMETHANE	5(S)	µg/L	1.6U	2.0U	2.0UJ	2.0U	2.0U	2.0U
CARBON DISULFIDE	60(G)	µg/L	1.1UJ	2.0U	2.0U	2.0U	2.0U	2.0U
CARBON TETRACHLORIDE	5(S)	µg/L	1.1U	1.0U	1.0U	1.0U	1.0U	1.0U
CHLOROBENZENE	5(S)	µg/L	[150]	[130]	[149]	[146]	[35.0]	[37.8]
CHLORODIBROMOMETHANE	50(G)	µg/L	0.65U	1.0U	1.0U	1.0U	1.0U	1.0U

Notes:

U - Non detect; J - estimated value; R - rejected value;

EMPC - estimated maximum possible concentration; K - congener estimated maximum possible concentration.

NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 11
Honeywell
SCA Hydrogeologic Investigation
Intermediate Monitoring Wells
Method 8260/8015 Volatile Organic Compound Data

Parameter Name	New York State Class GA Standards	Field Sample ID	SCA-0032-02	SCA-0040-02	SCA-0047-02	SCA-0056-06	SCA-0006-03	SCA-0012-03
		Location	SB915-MW-901	SB915-MW-901	SB915-MW-901	SB915-MW-901	SB915-MW-911	SB915-MW-911
		Sample Date	12/13/2011	3/19/2012	5/10/2012	7/17/2012	3/17/2011	6/28/2011
		Sample Depth	42-52 FT	42-52 FT	42-52 FT	42-52 FT	115-125 FT	115-125 FT
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Units						
CHLOROETHANE	5(S)	µg/L	0.75UJ	1.0U	1.0UJ	1.0U	1.0U	1.0U
CHLOROFORM	7(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
CHLOROMETHANE	5(S)	µg/L	1.4U	1.0U	1.0U	1.0U	1.0U	1.0U
CHLOROPRENE	NC	µg/L	NA	NA	NA	NA	5.0U	5.0U
CIS-1,2-DICHLOROETHENE	5(G)	µg/L	1.9J	1.4	1.7	1.3	1.0U	1.0U
CIS-1,3-DICHLOROPROPENE	0.4(S)	µg/L	0.73U	1.0U	1.0U	1.0U	1.0U	1.0U
CYCLOHEXANE	NC	µg/L	0.60U	NA	NA	NA	NA	NA
DIBROMOMETHANE	NC	µg/L	NA	5.0U	5.0U	5.0U	5.0U	5.0U
DICHLORODIFLUOROMETHANE	5(S)	µg/L	0.64U	NA	NA	NA	5.0U	5.0U
ETHANE, PENTACHLORO-	NC	µg/L	NA	NA	NA	NA	NA	5.0U
ETHYL CYANIDE	NC	µg/L	NA	NA	NA	NA	NA	50U
ETHYL METHACRYLATE	NC	µg/L	NA	NA	NA	NA	10U	10U
ETHYLBENZENE	5(S)	µg/L	0.62U	1.0U	1.0U	1.0U	1.0U	1.0U
IODOMETHANE	NC	µg/L	NA	NA	NA	NA	25U	25U
ISOBUTANOL	NC	µg/L	NA	NA	NA	NA	100U	50U
ISOPROPANOL	NC	µg/L	NA	NA	NA	NA	NA	NA
ISOPROPYLBENZENE	5(G)	µg/L	0.53U	NA	NA	NA	NA	NA
METHYL ACETATE	NC	µg/L	1.2UJ	NA	NA	NA	NA	NA
METHYL METHACRYLATE	NC	µg/L	NA	NA	NA	NA	10U	10U
METHYL TERT-BUTYL ETHER	10(G)	µg/L	1.0U	NA	NA	NA	NA	NA
METHYLCYCLOHEXANE	NC	µg/L	0.56U	NA	NA	NA	NA	NA
METHYLENE CHLORIDE	5(S)	µg/L	1.1U	2.0U	2.0U	2.0U	2.0U	2.0U
O-XYLENE	5(S)	µg/L	0.73U	NA	NA	NA	1.0U	NA
STYRENE	5(S)	µg/L	0.64U	5.0U	5.0U	5.0U	5.0U	5.0U
TETRACHLOROETHENE	5(S)	µg/L	0.82U	1.0U	1.0U	1.0U	1.0U	1.0U
TOLUENE	5(S)	µg/L	0.85U	1.0U	1.0U	1.0U	1.0U	0.44J
TRANS-1,2-DICHLOROETHENE	5(G)	µg/L	0.75U	1.6	1.6	1.4	1.0U	1.0U
TRANS-1,3-DICHLOROPROPENE	0.4(S)	µg/L	0.58U	1.0U	1.0U	1.0U	1.0U	1.0U
TRANS-1,4-DICHLORO-2-BUTENE	NC	µg/L	0.81U	5.0U	5.0U	5.0U	5.0U	5.0U
TRICHLOROETHENE	5(S)	µg/L	0.80U	1.0U	1.0U	1.0U	1.0U	1.0U
TRICHLOROFLUOROMETHANE	5(S)	µg/L	1.1UJ	5.0U	5.0U	5.0U	5.0U	5.0U
VINYL ACETATE	NC	µg/L	0.86U	10U	10U	10U	10U	10U
VINYL CHLORIDE	2(S)	µg/L	1.5J	1.0U	1.1	1.4	1.0U	1.0U
XYLENES, M & P	5(S)	µg/L	1.3U	NA	NA	NA	1.0U	NA
XYLENES, TOTAL	5(S)	µg/L	2.0U	1.0U	1.0U	1.0U	1.0U	0.41J

Notes:

U - Non detect; J - estimated value; R - rejected value;

EMPC - estimated maximum possible concentration; K - congener estimated maximum possible concentration.

NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 11
Honeywell
SCA Hydrogeologic Investigation
Intermediate Monitoring Wells
Method 8260/8015 Volatile Organic Compound Data

Parameter Name	New York State Class GA Standards	Field Sample ID Location Sample Date Sample Depth Sample Purpose Units	SCA-0018-04 SB915-MW-911 9/22/2011 115-125 FT Regular sample	SCA-0028-03 SB915-MW-911 12/7/2011 115-125 FT Regular sample	SCA-0042-03 SB915-MW-911 3/21/2012 115-125 FT Regular sample	SCA-0050-03 SB915-MW-911 5/15/2012 115-125 FT Regular sample	SCA-0057-01 SB915-MW-911 7/18/2012 115-125 FT Regular sample	SCA-0005-02 SB915-MW-921 3/16/2011 69-79 FT Regular sample
1,1,1,2-TETRACHLOROETHANE	NC	µg/L	5.0U	0.68U	5.0U	5.0U	5.0U	5.0U
1,1,1-TRICHLOROETHANE	5(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
1,1,2,2-TETRACHLOROETHANE	5(S)	µg/L	1.0U	0.93U	1.0U	1.0U	1.0U	1.0U
1,1,2-TRICHLOROETHANE	1(S)	µg/L	1.0U	1.2U	1.0U	1.0U	1.0U	1.0U
1,1,2-TRICHLOROTRIFLUOROETHANE	NC	µg/L	NA	0.33U	NA	NA	NA	NA
1,1-DICHLOROETHANE	5(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
1,1-DICHLOROETHENE	5(S)	µg/L	1.0U	1.1U	1.0U	1.0U	1.0U	1.0U
1,1-DICHLOROPROPENE	NC	µg/L	NA	NA	NA	NA	NA	5.0U
1,2,3-TRICHLOROPROPANE	NC	µg/L	5.0U	1.6U	5.0U	5.0U	5.0U	5.0U
1,2,4-TRICHLOROENZENE	5(S)	µg/L	NA	0.38UJ	NA	NA	NA	5.0U
1,2-DIBROMO-3-CHLOROPROPANE	NC	µg/L	10U	0.35U	10U	10U	10U	10U
1,2-DIBROMOETHANE	5(S)	µg/L	2.0U	0.61U	2.0U	2.0U	2.0U	2.0U
1,2-DICHLOROBENZENE	3(S)	µg/L	[3.8]	[3.9J]	[4.0]	[3.2]	[3.3]	1.6
1,2-DICHLOROETHANE	0.6(S)	µg/L	[1.5]	[1.8J]	[0.98J]	[1.2]	[1.2]	1.0U
1,2-DICHLOROETHENE (TOTAL)	5(S)	µg/L	NA	NA	NA	NA	NA	NA
1,2-DICHLOROPROPANE	1(S)	µg/L	1.0U	1.3U	1.0U	1.0U	1.0U	1.0U
1,3-DICHLOROBENZENE	3(S)	µg/L	NA	0.51U	NA	NA	NA	1.0U
1,3-DICHLOROPROPANE	NC	µg/L	NA	NA	NA	NA	NA	5.0U
1,4-DICHLOROBENZENE	3(S)	µg/L	[3.0]	[3.4J]	[3.3]	2.7	2.7	0.74J
1,4-DIOXANE	NC	µg/L	NA	NA	NA	NA	NA	NA
2,2-DICHLOROPROPANE	NC	µg/L	NA	NA	NA	NA	NA	5.0U
2-BUTANONE	50(G)	µg/L	10U	1.1UJ	10U	10U	10U	10U
2-HEXANONE	50(G)	µg/L	5.0UJ	0.57UJ	5.0U	5.0U	5.0U	5.0U
2-PROPENENITRILE, 2-METHYL-	NC	µg/L	NA	NA	NA	NA	NA	10U
4-METHYL-2-PENTANONE	NC	µg/L	5.0U	0.59U	5.0U	5.0U	5.0U	5.0U
ACETONE	50(S)	µg/L	10U	5.0UJ	10U	10U	10U	16.2
ACETONITRILE	NC	µg/L	NA	NA	50U	50U	50U	100U
ACETOPHENONE	NC	µg/L	NA	NA	NA	NA	NA	NA
ACROLEIN	NC	µg/L	NA	NA	NA	NA	NA	50U
ACRYLONITRILE	NC	µg/L	50U	6.8U	NA	NA	NA	50U
ALLYL CHLORIDE	NC	µg/L	NA	NA	NA	NA	NA	5.0U
BENZENE	1(S)	µg/L	0.56J	[1.0J]	0.29J	0.34J	0.38J	[3.4]
BROMOCHLOROMETHANE	NC	µg/L	5.0U	NA	5.0U	5.0U	5.0U	5.0U
BROMODICHLOROMETHANE	50(G)	µg/L	1.0U	0.93U	1.0U	1.0U	1.0U	1.0U
BROMOFORM	50(G)	µg/L	4.0U	1.1U	4.0U	4.0U	4.0U	4.0U
BROMOMETHANE	5(S)	µg/L	2.0U	1.6U	2.0UJ	2.0U	2.0U	2.0U
CARBON DISULFIDE	60(G)	µg/L	0.29J	1.1U	2.0U	2.0U	2.0U	2.0U
CARBON TETRACHLORIDE	5(S)	µg/L	1.0U	1.1U	1.0U	1.0U	1.0U	1.0U
CHLOROBENZENE	5(S)	µg/L	[39.4]	[47]	[38.3]	[35.3]	[37.9]	[5.5]
CHLORODIBROMOMETHANE	50(G)	µg/L	1.0U	0.65U	1.0U	1.0U	1.0U	1.0U

Notes:

U - Non detect; J - estimated value; R - rejected value;

EMPC - estimated maximum possible concentration; K - congener estimated maximum possible concentration.

NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 11
Honeywell
SCA Hydrogeologic Investigation
Intermediate Monitoring Wells
Method 8260/8015 Volatile Organic Compound Data

Parameter Name	New York State Class GA Standards	Field Sample ID	SCA-0018-04	SCA-0028-03	SCA-0042-03	SCA-0050-03	SCA-0057-01	SCA-0005-02
		Location	SB915-MW-911	SB915-MW-911	SB915-MW-911	SB915-MW-911	SB915-MW-911	SB915-MW-921
		Sample Date	9/22/2011	12/7/2011	3/21/2012	5/15/2012	7/18/2012	3/16/2011
		Sample Depth	115-125 FT	115-125 FT	115-125 FT	115-125 FT	115-125 FT	69-79 FT
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Units						
CHLOROETHANE	5(S)	µg/L	1.0U	0.75U	1.0UJ	1.0U	1.0U	1.0U
CHLOROFORM	7(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
CHLOROMETHANE	5(S)	µg/L	1.0U	1.4U	1.0U	1.0U	1.0U	1.0U
CHLOROPRENE	NC	µg/L	NA	NA	NA	NA	NA	5.0U
CIS-1,2-DICHLOROETHENE	5(G)	µg/L	1.0U	0.67U	1.0U	1.0U	1.0U	1.0U
CIS-1,3-DICHLOROPROPENE	0.4(S)	µg/L	1.0U	0.73U	1.0U	1.0U	1.0U	1.0U
CYCLOHEXANE	NC	µg/L	NA	0.60U	NA	NA	NA	NA
DIBROMOMETHANE	NC	µg/L	5.0U	NA	5.0U	5.0U	5.0U	5.0U
DICHLORODIFLUOROMETHANE	5(S)	µg/L	NA	0.64U	NA	NA	NA	5.0U
ETHANE, PENTACHLORO-	NC	µg/L	NA	NA	NA	NA	NA	NA
ETHYL CYANIDE	NC	µg/L	NA	NA	NA	NA	NA	NA
ETHYL METHACRYLATE	NC	µg/L	NA	NA	NA	NA	NA	10U
ETHYLBENZENE	5(S)	µg/L	1.0U	0.62U	1.0U	1.0U	1.0U	1.0U
IODOMETHANE	NC	µg/L	NA	NA	NA	NA	NA	25U
ISOBUTANOL	NC	µg/L	NA	NA	NA	NA	NA	100U
ISOPROPANOL	NC	µg/L	NA	NA	NA	NA	NA	NA
ISOPROPYLBENZENE	5(G)	µg/L	NA	0.53U	NA	NA	NA	NA
METHYL ACETATE	NC	µg/L	NA	1.2UJ	NA	NA	NA	NA
METHYL METHACRYLATE	NC	µg/L	NA	NA	NA	NA	NA	10U
METHYL TERT-BUTYL ETHER	10(G)	µg/L	NA	1.0U	NA	NA	NA	NA
METHYLCYCLOHEXANE	NC	µg/L	NA	0.56U	NA	NA	NA	NA
METHYLENE CHLORIDE	5(S)	µg/L	2.0U	1.1U	2.0U	2.0U	2.0U	2.0U
O-XYLENE	5(S)	µg/L	NA	0.73U	NA	NA	NA	1.0U
STYRENE	5(S)	µg/L	5.0U	0.64U	5.0U	5.0U	5.0U	5.0U
TETRACHLOROETHENE	5(S)	µg/L	1.0U	0.82U	1.0U	1.0U	1.0U	1.0U
TOLUENE	5(S)	µg/L	1.0U	0.85U	1.0U	1.0U	1.0U	0.73J
TRANS-1,2-DICHLOROETHENE	5(G)	µg/L	1.0U	0.75U	1.0U	1.0U	1.0U	1.0U
TRANS-1,3-DICHLOROPROPENE	0.4(S)	µg/L	1.0U	0.58U	1.0U	1.0U	1.0U	1.0U
TRANS-1,4-DICHLORO-2-BUTENE	NC	µg/L	5.0UJ	0.81U	5.0U	5.0U	5.0U	5.0U
TRICHLOROETHENE	5(S)	µg/L	0.23J	0.80U	1.0U	1.0U	1.0U	1.0U
TRICHLOROFLUOROMETHANE	5(S)	µg/L	5.0U	1.1U	5.0U	5.0U	5.0U	5.0U
VINYL ACETATE	NC	µg/L	10U	0.86U	10U	10U	10U	10U
VINYL CHLORIDE	2(S)	µg/L	1.0U	1.3U	1.0U	1.0U	1.0U	1.0U
XYLENES, M & P	5(S)	µg/L	NA	1.3U	NA	NA	NA	0.47J
XYLENES, TOTAL	5(S)	µg/L	1.0U	2.0U	1.0U	1.0U	1.0U	0.72J

Notes:

U - Non detect; J - estimated value; R - rejected value;

EMPC - estimated maximum possible concentration; K - congener estimated maximum possible concentration.

NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 11
Honeywell
SCA Hydrogeologic Investigation
Intermediate Monitoring Wells
Method 8260/8015 Volatile Organic Compound Data

Parameter Name	New York State Class GA Standards	Field Sample ID	SCA-0013-02	SCA-0015-04	SCA-0030-02	SCA-0043-02	SCA-0051-02	SCA-0056-08
		Location	SB915-MW-92I	SB915-MW-92I	SB915-MW-92I	SB915-MW-92I	SB915-MW-92I	SB915-MW-92I
		Sample Date	6/29/2011	9/20/2011	12/9/2011	3/22/2012	5/16/2012	7/17/2012
		Sample Depth	69-79 FT	69-79 FT	69-79 FT	69-79 FT	69-79 FT	69-79 FT
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Units						
1,1,1,2-TETRACHLOROETHANE	NC	µg/L	5.0U	5.0U	0.68U	5.0U	5.0U	5.0U
1,1,1-TRICHLOROETHANE	5(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
1,1,2,2-TETRACHLOROETHANE	5(S)	µg/L	1.0U	1.0U	0.93U	1.0U	1.0U	1.0U
1,1,2-TRICHLOROETHANE	1(S)	µg/L	1.0U	1.0U	1.2U	1.0U	1.0U	1.0U
1,1,2-TRICHLOROTRIFLUOROETHANE	NC	µg/L	NA	NA	0.33U	NA	NA	NA
1,1-DICHLOROETHANE	5(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
1,1-DICHLOROETHENE	5(S)	µg/L	1.0U	1.0U	1.1U	1.0U	1.0U	1.0U
1,1-DICHLOROPROPENE	NC	µg/L	NA	NA	NA	NA	NA	NA
1,2,3-TRICHLOROPROPANE	NC	µg/L	5.0U	5.0U	1.6U	5.0U	5.0U	5.0U
1,2,4-TRICHLOROENZENE	5(S)	µg/L	NA	NA	0.38U	NA	NA	NA
1,2-DIBROMO-3-CHLOROPROPANE	NC	µg/L	10U	10U	0.35U	10U	10U	10U
1,2-DIBROMOETHANE	5(S)	µg/L	2.0U	2.0U	0.61U	2.0U	2.0U	2.0U
1,2-DICHLOROBENZENE	3(S)	µg/L	NA	[14.5]	[9.4]	[3.8]	[4.1]	2.7
1,2-DICHLOROETHANE	0.6(S)	µg/L	1.0U	1.0U	0.96U	1.0U	1.0U	1.0U
1,2-DICHLOROETHENE (TOTAL)	5(S)	µg/L	NA	NA	NA	NA	NA	NA
1,2-DICHLOROPROPANE	1(S)	µg/L	1.0U	1.0U	1.3U	1.0U	1.0U	1.0U
1,3-DICHLOROBENZENE	3(S)	µg/L	NA	NA	0.51U	NA	NA	NA
1,3-DICHLOROPROPANE	NC	µg/L	NA	NA	NA	NA	NA	NA
1,4-DICHLOROBENZENE	3(S)	µg/L	NA	[8.1]	4.2U	2.5	2.7	1.9
1,4-DIOXANE	NC	µg/L	130U	NA	NA	NA	NA	NA
2,2-DICHLOROPROPANE	NC	µg/L	NA	NA	NA	NA	NA	NA
2-BUTANONE	50(G)	µg/L	10U	8.4J	1.1UJ	10U	10U	10U
2-HEXANONE	50(G)	µg/L	5.0U	5.0UJ	0.57UJ	5.0U	5.0U	5.0U
2-PROPENENITRILE, 2-METHYL-	NC	µg/L	10U	NA	NA	NA	NA	NA
4-METHYL-2-PENTANONE	NC	µg/L	5.0U	5.0U	0.59UJ	5.0U	5.0U	5.0U
ACETONE	50(S)	µg/L	21.6	[195]	23J	21.1	31.1	26.8
ACETONITRILE	NC	µg/L	100UJ	NA	NA	50U	50U	50U
ACETOPHENONE	NC	µg/L	NA	NA	NA	NA	NA	NA
ACROLEIN	NC	µg/L	50U	NA	NA	NA	NA	NA
ACRYLONITRILE	NC	µg/L	50U	50U	6.8UJ	NA	NA	NA
ALLYL CHLORIDE	NC	µg/L	5.0U	NA	NA	NA	NA	NA
BENZENE	1(S)	µg/L	[4.2]	[34.1]	[13]	[4.6]	[9.6]	[10.3]
BROMOCHLOROMETHANE	NC	µg/L	NA	5.0U	NA	5.0U	5.0U	5.0U
BROMODICHLOROMETHANE	50(G)	µg/L	1.0U	1.0U	0.93U	1.0U	1.0U	1.0U
BROMOFORM	50(G)	µg/L	4.0U	4.0U	1.1U	4.0U	4.0U	4.0U
BROMOMETHANE	5(S)	µg/L	2.0U	2.0U	1.6U	2.0U	2.0UJ	2.0U
CARBON DISULFIDE	60(G)	µg/L	2.0U	0.60J	1.1U	2.0U	2.0U	2.0U
CARBON TETRACHLORIDE	5(S)	µg/L	1.0U	1.0U	1.1U	1.0U	1.0U	1.0U
CHLOROBENZENE	5(S)	µg/L	3.9	[52.3]	[16]	[6.0]	[7.3]	[6.9]
CHLORODIBROMOMETHANE	50(G)	µg/L	1.0U	1.0U	0.65U	1.0U	1.0U	1.0U

Notes:

U - Non detect; J - estimated value; R - rejected value;

EMPC - estimated maximum possible concentration; K - congener estimated maximum possible concentration.

NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 11
Honeywell
SCA Hydrogeologic Investigation
Intermediate Monitoring Wells
Method 8260/8015 Volatile Organic Compound Data

Parameter Name	New York State Class GA Standards	Field Sample ID	SCA-0013-02	SCA-0015-04	SCA-0030-02	SCA-0043-02	SCA-0051-02	SCA-0056-08
		Location	SB915-MW-92I	SB915-MW-92I	SB915-MW-92I	SB915-MW-92I	SB915-MW-92I	SB915-MW-92I
		Sample Date	6/29/2011	9/20/2011	12/9/2011	3/22/2012	5/16/2012	7/17/2012
		Sample Depth	69-79 FT	69-79 FT	69-79 FT	69-79 FT	69-79 FT	69-79 FT
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Units						
CHLOROETHANE	5(S)	µg/L	1.0U	1.0U	0.75U	1.0U	1.0U	1.0U
CHLOROFORM	7(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
CHLOROMETHANE	5(S)	µg/L	1.0U	0.25J	1.4U	1.0U	1.0U	1.0U
CHLOROPRENE	NC	µg/L	5.0U	NA	NA	NA	NA	NA
CIS-1,2-DICHLOROETHENE	5(G)	µg/L	1.0U	1.0U	0.67U	1.0U	1.0U	1.0U
CIS-1,3-DICHLOROPROPENE	0.4(S)	µg/L	1.0U	1.0U	0.73U	1.0U	1.0U	1.0U
CYCLOHEXANE	NC	µg/L	NA	NA	0.60U	NA	NA	NA
DIBROMOMETHANE	NC	µg/L	5.0U	5.0U	NA	5.0U	5.0U	5.0U
DICHLORODIFLUOROMETHANE	5(S)	µg/L	5.0U	NA	0.64U	NA	NA	NA
ETHANE, PENTACHLORO-	NC	µg/L	5.0U	NA	NA	NA	NA	NA
ETHYL CYANIDE	NC	µg/L	50U	NA	NA	NA	NA	NA
ETHYL METHACRYLATE	NC	µg/L	10U	NA	NA	NA	NA	NA
ETHYLBENZENE	5(S)	µg/L	1.0U	1.0U	0.62U	1.0U	1.0U	1.0U
IODOMETHANE	NC	µg/L	25U	NA	NA	NA	NA	NA
ISOBUTANOL	NC	µg/L	50U	NA	NA	NA	NA	NA
ISOPROPANOL	NC	µg/L	NA	NA	NA	NA	NA	NA
ISOPROPYLBENZENE	5(G)	µg/L	NA	NA	0.53U	NA	NA	NA
METHYL ACETATE	NC	µg/L	NA	NA	1.2UJ	NA	NA	NA
METHYL METHACRYLATE	NC	µg/L	10U	NA	NA	NA	NA	NA
METHYL TERT-BUTYL ETHER	10(G)	µg/L	NA	NA	1.0U	NA	NA	NA
METHYLCYCLOHEXANE	NC	µg/L	NA	NA	0.56U	NA	NA	NA
METHYLENE CHLORIDE	5(S)	µg/L	2.0U	2.0U	1.1U	2.0U	2.0U	2.0U
O-XYLENE	5(S)	µg/L	NA	NA	0.73U	NA	NA	NA
STYRENE	5(S)	µg/L	5.0U	5.0U	0.64U	5.0U	5.0U	5.0U
TETRACHLOROETHENE	5(S)	µg/L	1.0U	1.0U	0.82U	1.0U	1.0U	1.0U
TOLUENE	5(S)	µg/L	1	[6.6]	2.8J	1	1.7	1.7
TRANS-1,2-DICHLOROETHENE	5(G)	µg/L	1.0U	1.0U	0.75U	1.0U	1.0U	1.0U
TRANS-1,3-DICHLOROPROPENE	0.4(S)	µg/L	1.0U	1.0U	0.58U	1.0U	1.0U	1.0U
TRANS-1,4-DICHLORO-2-BUTENE	NC	µg/L	5.0U	5.0UJ	0.81U	5.0UJ	5.0U	5.0U
TRICHLOROETHENE	5(S)	µg/L	1.0U	1.0U	0.80U	1.0U	1.0U	1.0U
TRICHLOROFLUOROMETHANE	5(S)	µg/L	5.0U	5.0U	1.1U	5.0U	5.0U	5.0U
VINYL ACETATE	NC	µg/L	10U	10U	0.86U	10U	10U	10U
VINYL CHLORIDE	2(S)	µg/L	1.0U	1.0U	1.3U	1.0U	1.0U	1.0U
XYLENES, M & P	5(S)	µg/L	NA	NA	1.4J	NA	NA	NA
XYLENES, TOTAL	5(S)	µg/L	0.70J	3.8	2.0U	0.71J	0.85J	0.76J

Notes:

U - Non detect; J - estimated value; R - rejected value;

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NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 11
Honeywell
SCA Hydrogeologic Investigation
Intermediate Monitoring Wells
Method 8260/8015 Volatile Organic Compound Data

Parameter Name	New York State Class GA Standards	Field Sample ID	SCA-0014-02	SCA-0033-02	SCA-0041-02	SCA-0049-02	SCA-0054-04
		Location	SB915-MW-931	SB915-MW-931	SB915-MW-931	SB915-MW-931	SB915-MW-931
		Sample Date	9/19/2011	12/14/2011	3/20/2012	5/14/2012	7/13/2012
		Sample Depth	39-49 FT	39-49 FT	39-49 FT	39-49 FT	39-49 FT
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Units					
1,1,1,2-TETRACHLOROETHANE	NC	µg/L	5.0U	0.68U	5.0U	5.0U	5.0U
1,1,1-TRICHLOROETHANE	5(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U
1,1,2,2-TETRACHLOROETHANE	5(S)	µg/L	1.0U	0.93UJ	1.0U	1.0U	1.0U
1,1,2-TRICHLOROETHANE	1(S)	µg/L	1.0U	1.2UJ	1.0U	1.0U	1.0U
1,1,2-TRICHLOROTRIFLUOROETHANE	NC	µg/L	NA	0.33U	NA	NA	NA
1,1-DICHLOROETHANE	5(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U
1,1-DICHLOROETHENE	5(S)	µg/L	1.0U	1.1U	1.0U	1.0U	1.0U
1,1-DICHLOROPROPENE	NC	µg/L	5.0U	NA	NA	NA	NA
1,2,3-TRICHLOROPROPANE	NC	µg/L	5.0U	1.6UJ	5.0U	5.0U	5.0U
1,2,4-TRICHLOROENZENE	5(S)	µg/L	5.0U	5U	NA	NA	NA
1,2-DIBROMO-3-CHLOROPROPANE	NC	µg/L	10U	0.35UJ	10U	10U	10U
1,2-DIBROMOETHANE	5(S)	µg/L	2.0U	0.61UJ	2.0U	2.0U	2.0U
1,2-DICHLOROBENZENE	3(S)	µg/L	[8.9]	[9.2]	[11.4]	[10.5]	[9.9]
1,2-DICHLOROETHANE	0.6(S)	µg/L	1.0U	0.96U	1.0U	1.0U	1.0U
1,2-DICHLOROETHENE (TOTAL)	5(S)	µg/L	NA	NA	NA	NA	NA
1,2-DICHLOROPROPANE	1(S)	µg/L	1.0U	1.3U	1.0U	1.0U	1.0U
1,3-DICHLOROBENZENE	3(S)	µg/L	0.33J	0.51U	NA	NA	NA
1,3-DICHLOROPROPANE	NC	µg/L	5.0U	NA	NA	NA	NA
1,4-DICHLOROBENZENE	3(S)	µg/L	[13.4]	[14]	[17.6]	[16.2]	[16.0]
1,4-DIOXANE	NC	µg/L	NA	NA	NA	NA	NA
2,2-DICHLOROPROPANE	NC	µg/L	5.0U	NA	NA	NA	NA
2-BUTANONE	50(G)	µg/L	10U	1.1UJ	10U	10U	10U
2-HEXANONE	50(G)	µg/L	5.0U	0.57U	5.0U	5.0U	5.0U
2-PROPENENITRILE, 2-METHYL-	NC	µg/L	10U	NA	NA	NA	NA
4-METHYL-2-PENTANONE	NC	µg/L	5.0U	0.59U	5.0U	5.0U	5.0U
ACETONE	50(S)	µg/L	10UJ	5.0UJ	10U	10UJ	10UJ
ACETONITRILE	NC	µg/L	100U	NA	50U	50U	50U
ACETOPHENONE	NC	µg/L	NA	NA	NA	NA	NA
ACROLEIN	NC	µg/L	50U	NA	NA	NA	NA
ACRYLONITRILE	NC	µg/L	50U	6.8U	NA	NA	NA
ALLYL CHLORIDE	NC	µg/L	5.0U	NA	NA	NA	NA
BENZENE	1(S)	µg/L	1.0U	0.99U	0.23J	1.0U	1.0U
BROMOCHLOROMETHANE	NC	µg/L	5.0U	NA	5.0U	5.0U	5.0U
BROMODICHLOROMETHANE	50(G)	µg/L	1.0U	0.93U	1.0U	1.0U	1.0U
BROMOFORM	50(G)	µg/L	4.0U	1.1UJ	4.0U	4.0U	4.0U
BROMOMETHANE	5(S)	µg/L	2.0U	1.6U	2.0UJ	2.0U	2.0U
CARBON DISULFIDE	60(G)	µg/L	2.0U	1.1U	2.0U	2.0U	2.0U
CARBON TETRACHLORIDE	5(S)	µg/L	1.0U	1.1U	1.0U	1.0U	1.0U
CHLOROBENZENE	5(S)	µg/L	[16.4]	[23]	[19.1]	[19.9]	[20.4]
CHLORODIBROMOMETHANE	50(G)	µg/L	1.0U	0.65UJ	1.0U	1.0U	1.0U

Notes:

U - Non detect; J - estimated value; R - rejected value;

EMPC - estimated maximum possible concentration; K - congener estimated maximum possible concentration.

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Table 11
Honeywell
SCA Hydrogeologic Investigation
Intermediate Monitoring Wells
Method 8260/8015 Volatile Organic Compound Data

Parameter Name	New York State Class GA Standards	Field Sample ID	SCA-0014-02	SCA-0033-02	SCA-0041-02	SCA-0049-02	SCA-0054-04
		Location	SB915-MW-931	SB915-MW-931	SB915-MW-931	SB915-MW-931	SB915-MW-931
		Sample Date	9/19/2011	12/14/2011	3/20/2012	5/14/2012	7/13/2012
		Sample Depth	39-49 FT	39-49 FT	39-49 FT	39-49 FT	39-49 FT
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Units					
CHLOROETHANE	5(S)	µg/L	1.0U	0.75U	1.0UJ	1.0U	1.0U
CHLOROFORM	7(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U
CHLOROMETHANE	5(S)	µg/L	1.0U	1.4U	1.0U	1.0U	1.0U
CHLOROPRENE	NC	µg/L	5.0U	NA	NA	NA	NA
CIS-1,2-DICHLOROETHENE	5(G)	µg/L	1.0U	0.67U	1.0U	1.0U	1.0U
CIS-1,3-DICHLOROPROPENE	0.4(S)	µg/L	1.0U	0.73U	1.0U	1.0U	1.0U
CYCLOHEXANE	NC	µg/L	NA	0.60U	NA	NA	NA
DIBROMOMETHANE	NC	µg/L	5.0U	NA	5.0U	5.0U	5.0U
DICHLORODIFLUOROMETHANE	5(S)	µg/L	5.0U	0.64U	NA	NA	NA
ETHANE, PENTACHLORO-	NC	µg/L	NA	NA	NA	NA	NA
ETHYL CYANIDE	NC	µg/L	100U	NA	NA	NA	NA
ETHYL METHACRYLATE	NC	µg/L	10U	NA	NA	NA	NA
ETHYLBENZENE	5(S)	µg/L	1.0U	0.62U	1.0U	1.0U	1.0U
IODOMETHANE	NC	µg/L	25U	NA	NA	NA	NA
ISOBUTANOL	NC	µg/L	NA	NA	NA	NA	NA
ISOPROPANOL	NC	µg/L	100U	NA	NA	NA	NA
ISOPROPYLBENZENE	5(G)	µg/L	NA	0.53U	NA	NA	NA
METHYL ACETATE	NC	µg/L	NA	1.2UJ	NA	NA	NA
METHYL METHACRYLATE	NC	µg/L	10U	NA	NA	NA	NA
METHYL TERT-BUTYL ETHER	10(G)	µg/L	NA	1.0U	NA	NA	NA
METHYLCYCLOHEXANE	NC	µg/L	NA	0.56U	NA	NA	NA
METHYLENE CHLORIDE	5(S)	µg/L	2.0U	1.1U	2.0U	2.0U	2.0U
O-XYLENE	5(S)	µg/L	1.0U	0.73U	NA	NA	NA
STYRENE	5(S)	µg/L	5.0U	0.64U	5.0U	5.0U	5.0U
TETRACHLOROETHENE	5(S)	µg/L	1.0U	0.82U	1.0U	1.0U	1.0U
TOLUENE	5(S)	µg/L	1.0U	0.85U	1.0U	1.0U	1.0U
TRANS-1,2-DICHLOROETHENE	5(G)	µg/L	1.0U	0.75U	1.0U	1.0U	1.0U
TRANS-1,3-DICHLOROPROPENE	0.4(S)	µg/L	1.0U	0.58U	1.0U	1.0U	1.0U
TRANS-1,4-DICHLORO-2-BUTENE	NC	µg/L	5.0U	0.81UJ	5.0U	5.0U	5.0U
TRICHLOROETHENE	5(S)	µg/L	1.0U	0.80U	1.0U	1.0U	1.0U
TRICHLOROFLUOROMETHANE	5(S)	µg/L	5.0U	1.1UJ	5.0U	5.0U	5.0U
VINYL ACETATE	NC	µg/L	10U	0.86U	10U	10U	10U
VINYL CHLORIDE	2(S)	µg/L	1.0U	1.3U	1.0U	1.0U	1.0U
XYLENES, M & P	5(S)	µg/L	1.0U	1.3U	NA	NA	NA
XYLENES, TOTAL	5(S)	µg/L	1.0U	2.0U	1.0U	1.0U	1.0U

Notes:

U - Non detect; J - estimated value; R - rejected value;

EMPC - estimated maximum possible concentration; K - congener estimated maximum possible concentration.

NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 12
Honeywell
SCA Hydrogeologic Investigation
Intermediate Monitoring Wells
Method 8270 Semivolatile Organic Compound Data

Parameter Name	New York State Class GA Standards	Field Sample ID	SCA-0001-03	SCA-0002-02	SCA-0003-02	SCA-0004-05	SCA-0006-03	SCA-0005-02
		Location	SB915-MW-87I	SB915-MW-88I	SB915-MW-89I	SB915-MW-90I	SB915-MW-91I	SB915-MW-92I
		Sample Date	3/10/2011	3/11/2011	3/14/2011	3/15/2011	3/17/2011	3/16/2011
		Sample Depth	64-74 FT	42-52 FT	43-53 FT	42-52 FT	115-125 FT	69-79 FT
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Units						
[1,1-BIPHENYL]-4,4-DIAMINE, 3,3-DIMETHYL-	NC	µg/L	5.0UJ	5.0UJ	5.0UJ	5.0UJ	5.0UJ	5.0UJ
1,2,4,5-TETRACHLOROBENZENE	NC	µg/L	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U
1,2,4-TRICHLOROBENZENE	5(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
1,2-DICHLOROBENZENE	3(S)	µg/L	1.0U	0.88J	[46.0]	[12.3]	1.9	0.79J
1,3,5-TRINITROBENZENE	NC	µg/L	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
1,3-DICHLOROBENZENE	3(S)	µg/L	1.0U	1.0U	1.0U	2	1.0U	1.0U
1,3-DINITROBENZENE	NC	µg/L	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
1,4-DICHLOROBENZENE	3(S)	µg/L	1.0U	[3.1]	[43.8]	[32.7]	1.6	0.41J
1,4-NAPHTHOQUINONE	NC	µg/L	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
2,2'-OXYBIS(1-CHLOROPROPANE)	NC	µg/L	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U
2,3,4,6-TETRACHLOROPHENOL	NC	µg/L	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
2,4,5-TRICHLOROPHENOL	1(S)	µg/L	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
2,4,6-TRICHLOROPHENOL	1(S)	µg/L	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
2,4-DICHLOROPHENOL	1(S)	µg/L	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
2,4-DIMETHYLPHENOL	50(G)	µg/L	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
2,4-DINITROPHENOL	10(G)	µg/L	20U	20U	20U	20U	20U	20U
2,4-DINITROTOLUENE	5(S)	µg/L	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U
2,6-DICHLOROPHENOL	NC	µg/L	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
2,6-DINITROTOLUENE	5(S)	µg/L	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U
2-ACETYLAMINOFUORENE (TIC)	NC	µg/L	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
2-CHLORONAPHTHALENE	10(G)	µg/L	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U
2-CHLOROPHENOL	1(S)	µg/L	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
2-METHYLNAPHTHALENE	NC	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
2-METHYLPHENOL	1(S)	µg/L	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U
2-NAPHTHYLAMINE	NC	µg/L	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
2-NITROANILINE	5(S)	µg/L	5.0U	5.0U	5.0UJ	5.0U	5.0U	5.0UJ
2-NITROPHENOL	1(S)	µg/L	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
3&4-METHYLPHENOL	NC	µg/L	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U
3,3'-DICHLOROBENZIDINE	NC	µg/L	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
3-METHYLCHOLANTHRENE	NC	µg/L	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
3-NITROANILINE	5(S)	µg/L	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
4,6-DINITRO-2-METHYLPHENOL	1(S)	µg/L	20U	20U	20U	20U	20UJ	20U
4-AMINOBIIPHENYL	NC	µg/L	5.0UJ	5.0UJ	5.0UJ	5.0UJ	5.0UJ	5.0UJ
4-BROMOPHENYL PHENYL ETHER	5(S)	µg/L	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U
4-CHLORO-3-METHYLPHENOL	1(S)	µg/L	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
4-CHLOROANILINE	5(S)	µg/L	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
4-CHLOROPHENYL PHENYL ETHER	5(S)	µg/L	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U
4-NITROANILINE	5(S)	µg/L	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
4-NITROPHENOL	1(S)	µg/L	10UJ	10UJ	10U	10UJ	10UJ	10U
5-NITRO-O-TOLUIDINE	NC	µg/L	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U

Notes:

U - Non detect; J - estimated value; R - rejected value;

EMPC - estimated maximum possible concentration; K - congener estimated maximum possible concentration.

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Honeywell
SCA Hydrogeologic Investigation
Intermediate Monitoring Wells
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Parameter Name	New York State Class GA Standards	Field Sample ID	SCA-0001-03	SCA-0002-02	SCA-0003-02	SCA-0004-05	SCA-0006-03	SCA-0005-02
		Location	SB915-MW-871	SB915-MW-881	SB915-MW-891	SB915-MW-901	SB915-MW-911	SB915-MW-921
		Sample Date	3/10/2011	3/11/2011	3/14/2011	3/15/2011	3/17/2011	3/16/2011
		Sample Depth	64-74 FT	42-52 FT	43-53 FT	42-52 FT	115-125 FT	69-79 FT
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Units						
7,12-DIMETHYLBENZ(A)ANTHRACENE	NC	µg/L	5.0U	5.0U	5.0U	5.0U	5.0UJ	5.0U
ACENAPHTHENE	20(G)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
ACENAPHTHYLENE	NC	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
ACETOPHENONE	NC	µg/L	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U
ALPHA-NAPHTHYLAMINE	NC	µg/L	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
ANTHRACENE	50(G)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
BENZENAMINE, N,N-DIMETHYL-4-(PEHNYLAZO)-	NC	µg/L	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
BENZENEACETIC ACID, 4-CHLORO-ALPHA-(4-CHLOROPHENYL)-	NC	µg/L	5.0UJ	5.0UJ	5.0UJ	5.0UJ	5.0UJ	5.0UJ
BENZO(A)ANTHRACENE	0.002(G)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
BENZO(A)PYRENE	NC	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
BENZO(B)FLUORANTHENE	0.002(G)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
BENZO(G,H,I)PERYLENE	NC	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
BENZO(K)FLUORANTHENE	0.002(G)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
BENZYL ALCOHOL	NC	µg/L	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U
BIS(2-CHLOROETHOXY)METHANE	5(S)	µg/L	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U
BIS(2-CHLOROETHYL)ETHER	1(S)	µg/L	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U
BIS(2-ETHYLHEXYL)PHTHALATE	5(S)	µg/L	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U
BUTYLBENZYL PHTHALATE	50(G)	µg/L	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U
CARBAMOTHIOIC ACID, BIS(1-METHYLETHYL)-S-(2,3-DICHLORO	NC	µg/L	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
CHRYSENE	0.002(G)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
DI-N-BUTYL PHTHALATE	50(S)	µg/L	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U
DI-N-OCTYL PHTHALATE	50(G)	µg/L	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U
DIBENZO(A,H)ANTHRACENE	NC	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
DIBENZOFURAN	NC	µg/L	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
DIETHYL PHTHALATE	50(G)	µg/L	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U
DIMETHYL PHTHALATE	50(G)	µg/L	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U
FLUORANTHENE	50(G)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
FLUORENE	50(G)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
HEXACHLOROBENZENE	0.04(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
HEXACHLOROBUTADIENE	0.5(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
HEXACHLOROCYCLOPENTADIENE	5(S)	µg/L	20U	20U	20U	20U	20U	20U
HEXACHLOROETHANE	5(S)	µg/L	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U
HEXACHLOROPROPENE	NC	µg/L	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
INDENO(1,2,3-CD)PYRENE	0.002(G)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
ISODRIN	NC	µg/L	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
ISOPHORONE	50(G)	µg/L	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U
ISOSAFROLE	NC	µg/L	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
KEPONE	NC	µg/L	30UJ	30UJ	30UJ	30UJ	30UJ	30UJ
METHANESULFONIC ACID, ETHYL ESTER	NC	µg/L	5.0U	5.0U	5.0UJ	5.0U	5.0UJ	5.0UJ
METHAPYRILENE	NC	µg/L	5.0UJ	5.0UJ	5.0UJ	5.0UJ	5.0UJ	5.0UJ

Notes:

U - Non detect; J - estimated value; R - rejected value;

EMPC - estimated maximum possible concentration; K - congener estimated maximum possible concentration.

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		Location	SB915-MW-871	SB915-MW-881	SB915-MW-891	SB915-MW-901	SB915-MW-911	SB915-MW-921
		Sample Date	3/10/2011	3/11/2011	3/14/2011	3/15/2011	3/17/2011	3/16/2011
		Sample Depth	64-74 FT	42-52 FT	43-53 FT	42-52 FT	115-125 FT	69-79 FT
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Units	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
METHYL METHANESULFONATE	NC	µg/L	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
N-NITROSO-DI-N-PROPYLAMINE	NC	µg/L	2.0UJ	2.0UJ	2.0UJ	2.0UJ	2.0UJ	2.0UJ
N-NITROSODI-N-BUTYLAMINE	NC	µg/L	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
N-NITROSODIETHYLAMINE	NC	µg/L	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
N-NITROSODIMETHYLAMINE	NC	µg/L	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U
N-NITROSODIPHENYLAMINE	50(G)	µg/L	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
N-NITROSOMETHYLETHYLAMINE	NC	µg/L	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
N-NITROSOPIPERIDINE	NC	µg/L	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
N-NITROSOPYRROLIDINE	NC	µg/L	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
N-PHENYLANILINE	NC	µg/L	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
NAPHTHALENE	10(G)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
NITROBENZENE	0.4(S)	µg/L	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U
O,O,O-TRIETHYL PHOSPHOROTHIOATE	NC	µg/L	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
O,O-DIETHYL-O-(2-PYRAZINYL)PHOSPHOROTHIOATE	NC	µg/L	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
O-TOLUIDINE	NC	µg/L	5.0UJ	5.0UJ	5.0UJ	5.0UJ	5.0UJ	5.0UJ
P-PHENYLENEDIAMINE	NC	µg/L	5.0UJ	5.0UJ	5.0UJ	5.0UJ	5.0R	5.0R
PENTACHLOROBENZENE	NC	µg/L	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
PENTACHLORONITROBENZENE	NC	µg/L	5.0UJ	5.0UJ	5.0UJ	5.0UJ	5.0UJ	5.0UJ
PENTACHLOROPHENOL	1(S)	µg/L	10U	10U	10U	10U	10U	10U
PHENACETIN	NC	µg/L	5.0UJ	5.0UJ	5.0UJ	5.0UJ	5.0UJ	5.0UJ
PHENANTHRENE	50(G)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
PHENOL	1(S)	µg/L	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U
PRONAMIDE	NC	µg/L	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
PYRENE	50(G)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
SAFROLE	NC	µg/L	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U

Notes:

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Parameter Name	New York State Class GA Standards	Field Sample ID Location Sample Date Sample Depth Sample Purpose Units	SCA-0014-02 SB915-MW-93I 9/19/2011 39-49 FT Regular sample
[1,1-BIPHENYL]-4,4-DIAMINE, 3,3-DIMETHYL-	NC	µg/L	5.0UJ
1,2,4,5-TETRACHLOROBENZENE	NC	µg/L	2.0U
1,2,4-TRICHLOROBENZENE	5(S)	µg/L	1.0U
1,2-DICHLOROBENZENE	3(S)	µg/L	[6.3]
1,3,5-TRINITROBENZENE	NC	µg/L	5.0U
1,3-DICHLOROBENZENE	3(S)	µg/L	1.0U
1,3-DINITROBENZENE	NC	µg/L	5.0UJ
1,4-DICHLOROBENZENE	3(S)	µg/L	[8.3]
1,4-NAPHTHOQUINONE	NC	µg/L	5.0U
2,2'-OXYBIS(1-CHLOROPROPANE)	NC	µg/L	2.0U
2,3,4,6-TETRACHLOROPHENOL	NC	µg/L	5.0U
2,4,5-TRICHLOROPHENOL	1(S)	µg/L	5.0U
2,4,6-TRICHLOROPHENOL	1(S)	µg/L	5.0U
2,4-DICHLOROPHENOL	1(S)	µg/L	5.0U
2,4-DIMETHYLPHENOL	50(G)	µg/L	5.0U
2,4-DINITROPHENOL	10(G)	µg/L	20U
2,4-DINITROTOLUENE	5(S)	µg/L	2.0U
2,6-DICHLOROPHENOL	NC	µg/L	5.0U
2,6-DINITROTOLUENE	5(S)	µg/L	2.0U
2-ACETYLAMINOFLUORENE (TIC)	NC	µg/L	5.0UJ
2-CHLORONAPHTHALENE	10(G)	µg/L	2.0U
2-CHLOROPHENOL	1(S)	µg/L	5.0U
2-METHYLNAPHTHALENE	NC	µg/L	1.0U
2-METHYLPHENOL	1(S)	µg/L	2.0U
2-NAPHTHYLAMINE	NC	µg/L	5.0UJ
2-NITROANILINE	5(S)	µg/L	5.0UJ
2-NITROPHENOL	1(S)	µg/L	5.0U
3&4-METHYLPHENOL	NC	µg/L	2.0U
3,3'-DICHLOROBENZIDINE	NC	µg/L	5.0U
3-METHYLCHOLANTHRENE	NC	µg/L	5.0R
3-NITROANILINE	5(S)	µg/L	5.0U
4,6-DINITRO-2-METHYLPHENOL	1(S)	µg/L	20U
4-AMINOBIIPHENYL	NC	µg/L	5.0U
4-BROMOPHENYL PHENYL ETHER	5(S)	µg/L	2.0U
4-CHLORO-3-METHYLPHENOL	1(S)	µg/L	5.0UJ
4-CHLOROANILINE	5(S)	µg/L	5.0U
4-CHLOROPHENYL PHENYL ETHER	5(S)	µg/L	2.0U
4-NITROANILINE	5(S)	µg/L	5.0U
4-NITROPHENOL	1(S)	µg/L	10U
5-NITRO-O-TOLUIDINE	NC	µg/L	5.0U

Notes:

U - Non detect; J - estimated value; R - rejected value;

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Parameter Name	New York State Class GA Standards	Field Sample ID Location Sample Date Sample Depth Sample Purpose Units	SCA-0014-02 SB915-MW-931 9/19/2011 39-49 FT Regular sample
7,12-DIMETHYLBENZ(A)ANTHRACENE	NC	µg/L	5.0UJ
ACENAPHTHENE	20(G)	µg/L	1.0U
ACENAPHTHYLENE	NC	µg/L	1.0U
ACETOPHENONE	NC	µg/L	
ALPHA-NAPHTHYLAMINE	NC	µg/L	5.0UJ
ANTHRACENE	50(G)	µg/L	1.0U
BENZENAMINE, N,N-DIMETHYL-4-(PEHNYLAZO)-	NC	µg/L	5.0U
BENZENEACETIC ACID, 4-CHLORO-ALPHA-(4-CHLOROPHENYL)-	NC	µg/L	5.0U
BENZO(A)ANTHRACENE	0.002(G)	µg/L	1.0U
BENZO(A)PYRENE	NC	µg/L	1.0U
BENZO(B)FLUORANTHENE	0.002(G)	µg/L	1.0U
BENZO(G,H,I)PERYLENE	NC	µg/L	1.0U
BENZO(K)FLUORANTHENE	0.002(G)	µg/L	1.0U
BENZYL ALCOHOL	NC	µg/L	2.0U
BIS(2-CHLOROETHOXY)METHANE	5(S)	µg/L	2.0U
BIS(2-CHLOROETHYL)ETHER	1(S)	µg/L	2.0U
BIS(2-ETHYLHEXYL)PHTHALATE	5(S)	µg/L	2.0U
BUTYLBENZYL PHTHALATE	50(G)	µg/L	2.0UJ
CARBAMOTHIOIC ACID, BIS(1-METHYLETHYL)-S-(2,3-DICHLORO	NC	µg/L	5.0U
CHRYSENE	0.002(G)	µg/L	1.0U
DI-N-BUTYL PHTHALATE	50(S)	µg/L	2.0U
DI-N-OCTYL PHTHALATE	50(G)	µg/L	2.0U
DIBENZO(A,H)ANTHRACENE	NC	µg/L	1.0U
DIBENZOFURAN	NC	µg/L	5.0U
DIETHYL PHTHALATE	50(G)	µg/L	2.0U
DIMETHYL PHTHALATE	50(G)	µg/L	2.0U
FLUORANTHENE	50(G)	µg/L	1.0U
FLUORENE	50(G)	µg/L	1.0U
HEXACHLOROBENZENE	0.04(S)	µg/L	1.0U
HEXACHLOROBUTADIENE	0.5(S)	µg/L	1.0UJ
HEXACHLOROCYCLOPENTADIENE	5(S)	µg/L	20UJ
HEXACHLOROETHANE	5(S)	µg/L	2.0U
HEXACHLOROPROPENE	NC	µg/L	5.0UJ
INDENO(1,2,3-CD)PYRENE	0.002(G)	µg/L	1.0U
ISODRIN	NC	µg/L	5.0U
ISOPHORONE	50(G)	µg/L	2.0U
ISOSAFROLE	NC	µg/L	5.0U
KEPONE	NC	µg/L	30UJ
METHANESULFONIC ACID, ETHYL ESTER	NC	µg/L	5.0U
METHAPYRILENE	NC	µg/L	5.0UJ

Notes:

U - Non detect; J - estimated value; R - rejected value;

EMPC - estimated maximum possible concentration; K - congener estimated maximum possible concentration.

NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 12
Honeywell
SCA Hydrogeologic Investigation
Intermediate Monitoring Wells
Method 8270 Semivolatile Organic Compound Data

Parameter Name	New York State	Field Sample ID	SCA-0014-02
	Class GA	Location	SB915-MW-93I
	Standards	Sample Date	9/19/2011
		Sample Depth	39-49 FT
		Sample Purpose	Regular sample
		Units	
METHYL METHANESULFONATE	NC	µg/L	5.0UJ
N-NITROSO-DI-N-PROPYLAMINE	NC	µg/L	2.0U
N-NITROSODI-N-BUTYLAMINE	NC	µg/L	5.0UJ
N-NITROSODIETHYLAMINE	NC	µg/L	5.0U
N-NITROSODIMETHYLAMINE	NC	µg/L	2.0U
N-NITROSODIPHENYLAMINE	50(G)	µg/L	5.0U
N-NITROSOMETHYLETHYLAMINE	NC	µg/L	5.0UJ
N-NITROSOPIPERIDINE	NC	µg/L	5.0UJ
N-NITROSOPYRROLIDINE	NC	µg/L	5.0UJ
N-PHENYLANILINE	NC	µg/L	5.0U
NAPHTHALENE	10(G)	µg/L	1.0U
NITROBENZENE	0.4(S)	µg/L	2.0UJ
O,O,O-TRIETHYL PHOSPHOROTHIOATE	NC	µg/L	5.0U
O,O-DIETHYL-O-(2-PYRAZINY)PHOSPHOROTHIOATE	NC	µg/L	5.0U
O-TOLUIDINE	NC	µg/L	5.0U
P-PHENYLENEDIAMINE	NC	µg/L	5.0R
PENTACHLOROBENZENE	NC	µg/L	5.0UJ
PENTACHLORONITROBENZENE	NC	µg/L	5.0U
PENTACHLOROPHENOL	1(S)	µg/L	10U
PHENACETIN	NC	µg/L	5.0U
PHENANTHRENE	50(G)	µg/L	1.0U
PHENOL	1(S)	µg/L	2.0U
PRONAMIDE	NC	µg/L	5.0U
PYRENE	50(G)	µg/L	1.0U
SAFROLE	NC	µg/L	5.0U

Notes:

U - Non detect; J - estimated value; R - rejected value;

EMPC - estimated maximum possible concentration; K - congener estimated maximum possible concentration.

NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 13
Honeywell
SCA Hydrogeologic Investigation
Intermediate Monitoring Wells
Method 8081/8141/8151 Pesticide and Herbicide Data

Parameter Name	New York State Class GA Standards	Field Sample ID	SCA-0001-03	SCA-0002-02	SCA-0003-02	SCA-0004-05	SCA-0006-03	SCA-0005-02
		Location	SB915-MW-87I	SB915-MW-88I	SB915-MW-89I	SB915-MW-90I	SB915-MW-91I	SB915-MW-92I
		Sample Date	3/10/2011	3/11/2011	3/14/2011	3/15/2011	3/17/2011	3/16/2011
		Sample Depth	64-74 FT	42-52 FT	43-53 FT	42-52 FT	115-125 FT	69-79 FT
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Units						
4,4'-DDD	0.3(S)	µg/L	0.020U	0.021U	0.020U	0.021U	0.020U	0.020U
4,4'-DDE	0.2(S)	µg/L	0.020U	0.021U	0.020U	0.021U	0.020U	0.020U
4,4'-DDT	0.2(S)	µg/L	0.020U	0.021U	0.020U	0.021U	0.020U	0.020U
ALDRIN	NC	µg/L	0.020U	0.021U	0.020U	0.021U	0.020U	0.020U
ALPHA-BHC	0.01(S)	µg/L	0.020U	0.021U	0.020U	0.021U	0.020U	0.020U
ALPHA-CHLORDANE	NC	µg/L	0.020U	0.021U	0.020U	0.021U	0.020U	0.020U
BETA-BHC	0.04(S)	µg/L	0.020U	0.021U	0.020U	0.021U	0.020U	0.020U
BETA-CHLORDANE	NC	µg/L	0.020U	0.021U	0.020U	0.021U	0.020U	0.020U
CONSTITUENTS OF CHLORDANE (ALPHA, BETA, AND GAMMA)	NC	µg/L	0.50U	0.52U	0.50U	0.53U	0.50U	0.50U
DELTA-BHC	0.04(S)	µg/L	0.020U	0.021U	0.020U	0.021U	0.020U	0.020U
DIELDRIN	0.004(S)	µg/L	0.020U	0.021U	0.020U	0.021U	0.020U	0.020U
ENDOSULFAN I	NC	µg/L	0.020U	0.021U	0.020U	0.021U	0.020U	0.020U
ENDOSULFAN II	NC	µg/L	0.020U	0.021U	0.020U	0.021U	0.020U	0.020U
ENDOSULFAN SULFATE	NC	µg/L	0.020U	0.021U	0.020U	0.021U	0.020U	0.020U
ENDRIN	NC	µg/L	0.020U	0.021U	0.020U	0.021U	0.020U	0.020U
ENDRIN ALDEHYDE	0.5(S)	µg/L	0.020U	0.021U	0.020U	0.021U	0.020U	0.020U
ENDRIN KETONE	NC	µg/L	0.020U	0.021U	0.020U	0.021U	0.020U	0.020U
GAMMA-BHC (LINDANE)	NC	µg/L	0.020U	0.021U	0.020U	0.021U	0.020U	0.020U
HEPTACHLOR	0.04(S)	µg/L	0.020U	0.021U	0.020U	0.021U	0.020U	0.020U
HEPTACHLOR EPOXIDE	0.03(S)	µg/L	0.020U	0.021U	0.020U	0.021U	0.020U	0.020U
METHOXYCHLOR	35(S)	µg/L	0.020U	0.021U	0.020U	0.021U	0.020U	0.020U
TOXAPHENE	0.09(S)	µg/L	0.25U	0.26U	0.25U	0.26U	0.25U	0.25U
DISULFOTON	NC	µg/L	2.0UJ	2.0U	2.0U	2.0U	2.0U	2.0U
ETHYL PARATHION	NC	µg/L	2.0UJ	2.0U	2.0U	2.0U	2.0U	2.0U
FAMPHUR	NC	µg/L	2.0UJ	2.0U	2.0U	2.0U	2.0UJ	2.0U
METHYL PARATHION	NC	µg/L	2.0UJ	2.0U	2.0U	2.0U	2.0U	2.0U
PHORATE	NC	µg/L	2.0UJ	2.0U	2.0U	2.0U	2.0U	2.0U
PHOSPHORODITHIOIC ACID, O,O-DIMETHYL S-[2-(METHYLAMINO)-	NC	µg/L	2.0UJ	2.0U	2.0U	2.0U	2.0U	2.0U
2,4,5-T	NC	µg/L	0.10U	0.10U	0.10U	0.11U	0.10U	0.10U
2,4,5-TP (SILVEX)	NC	µg/L	0.10U	0.10U	0.10U	0.11U	0.10U	0.10U
2,4-D	NC	µg/L	0.50U	0.50U	0.50U	0.54U	0.50U	0.50U
DINOSEB	NC	µg/L	0.50U	0.50U	0.50U	0.54U	0.50U	0.50U

Notes:

U - Non detect; J - estimated value; R - rejected value;

EMPC - estimated maximum possible concentration; K - congener estimated maximum possible concentration.

NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 13
Honeywell
SCA Hydrogeologic Investigation
Intermediate Monitoring Wells
Method 8081/8141/8151 Pesticide and Herbicide Data

Parameter Name	New York State Class GA Standards	Field Sample ID Location Sample Date Sample Depth Sample Purpose Units	SCA-0014-02 SB915-MW-93I 9/19/2011 39-49 FT Regular sample
4,4'-DDD	0.3(S)	µg/L	0.010U
4,4'-DDE	0.2(S)	µg/L	0.010U
4,4'-DDT	0.2(S)	µg/L	0.010U
ALDRIN	NC	µg/L	0.010U
ALPHA-BHC	0.01(S)	µg/L	0.010U
ALPHA-CHLORDANE	NC	µg/L	0.010U
BETA-BHC	0.04(S)	µg/L	0.010U
BETA-CHLORDANE	NC	µg/L	0.010U
CONSTITUENTS OF CHLORDANE (ALPHA, BETA, AND GAMMA)	NC	µg/L	0.50U
DELTA-BHC	0.04(S)	µg/L	0.010U
DIELDRIN	0.004(S)	µg/L	0.010U
ENDOSULFAN I	NC	µg/L	0.010U
ENDOSULFAN II	NC	µg/L	0.010U
ENDOSULFAN SULFATE	NC	µg/L	0.010U
ENDRIN	NC	µg/L	0.010U
ENDRIN ALDEHYDE	0.5(S)	µg/L	0.010U
ENDRIN KETONE	NC	µg/L	0.010U
GAMMA-BHC (LINDANE)	NC	µg/L	0.010U
HEPTACHLOR	0.04(S)	µg/L	0.010U
HEPTACHLOR EPOXIDE	0.03(S)	µg/L	0.010U
METHOXYCHLOR	35(S)	µg/L	0.020U
TOXAPHENE	0.09(S)	µg/L	0.25U
DISULFOTON	NC	µg/L	2.0U
ETHYL PARATHION	NC	µg/L	2.0U
FAMPHUR	NC	µg/L	2.0U
METHYL PARATHION	NC	µg/L	2.0U
PHORATE	NC	µg/L	2.0U
PHOSPHORODITHIOIC ACID, O,O-DIMETHYL S-[2-(METHYLAMINO)-	NC	µg/L	2.0U
2,4,5-T	NC	µg/L	0.10U
2,4,5-TP (SILVEX)	NC	µg/L	0.10U
2,4-D	NC	µg/L	0.50U
DINOSEB	NC	µg/L	0.50U

Notes:

U - Non detect; J - estimated value; R - rejected value;

EMPC - estimated maximum possible concentration; K - congener estimated maximum possible concentration.

NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 14
Honeywell
SCA Hydrogeologic Investigation
Intermediate Monitoring Wells
Method 1668B High Resolution PCBs Data

Parameter Name	New York State Class GA Standards	Field Sample ID Location Sample Date Sample Depth Sample Purpose Units	SCA-0001-03	SCA-0002-02	SCA-0003-02	SCA-0004-05	SCA-0006-03	SCA-0005-02
			SB915-MW-871	SB915-MW-881	SB915-MW-891	SB915-MW-901	SB915-MW-911	SB915-MW-921
			Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
TOTALS								
TOTAL DECACB	NC	pg/L	0.855U	1.68U	1.59U	1.01U	2.70U	0.848U
TOTAL DICHLOROBIPHENYLS	NC	pg/L	99.0U	111U	76.6U	118U	268U	279U
TOTAL HEPTACB	NC	pg/L	48.0U	126	97.1	29.3U	16.7UJ	30.1U
TOTAL HEXACB	NC	pg/L	90.7U	213	198	79.1U	92.7U	90.9U
TOTAL MONOCB	NC	pg/L	13.2U	16.5U	4.74U	44.8	12.8U	35.7
TOTAL NONACHLOROBIPHENYLS	NC	pg/L	2.59U	2.26U	3.5	1.89U	2.75U	2.16U
TOTAL OCTACB	NC	pg/L	10.5	35.1	20.1	3.65U	8.41UJ	3.34U
TOTAL PENTACB	NC	pg/L	140U	215U	312U	156U	325UJ	237U
TOTAL TETRACB	NC	pg/L	366U	337U	296U	282U	1750	352U
TOTAL TRICB	NC	pg/L	335U	413U	210U	251U	2050	196U
CALCULATED TOTAL PCBs (post validation)	90000	pg/L	10.5	374.1	318.7	44.8	3800	35.7
TOTAL PCBs (lab reported prior to validation)	90000	pg/L	1100	1470	1220	965	4530	1230
CONGENERS								
10-DiCB	NC	pg/L	1.69K	1.58K	10.1U	1.95K	3.33K	2.16J
109-PeCB	NC	pg/L	10.2U	2.06J	3.45K	10.8U	10.3U	2.01K
112-PeCB	NC	pg/L	10.2U	10.5U	10.1U	10.8U	10.3U	10.3U
142-HxCB	NC	pg/L	10.2U	10.5U	10.1U	10.8U	10.3U	10.3U
143-HxCB	NC	pg/L	10.2U	10.5U	10.1U	10.8U	10.3U	10.3U
160-HxCB	NC	pg/L	10.2U	10.5U	10.1U	10.8U	10.3U	10.3U
161-HxCB	NC	pg/L	10.2U	10.5U	10.1U	10.8U	10.3U	10.3U
162-HxCB	NC	pg/L	10.2U	10.5U	10.1U	10.8U	10.3U	10.3U
164-HxCB	NC	pg/L	10.2U	2.59J	10.1U	10.8U	10.3U	10.3U
165-HxCB	NC	pg/L	10.2U	10.5U	8.97K	10.8U	10.3U	10.3U
2,2',3,3',4,4',5,5',6-NONACHLOROBIPHENYL	NC	pg/L	10.2U	10.5U	3.50K	10.8U	10.3U	10.3U
2,2',3,3',4,4',6-HEPTACHLOROBIPHENYL	NC	pg/L	2.31K	5.18J	4.64K	1.08K	20.6U	20.5U
2,2',3,3',4,5',6,6'-OCTACHLOROBIPHENYL	NC	pg/L	0.963K	1.05K	10.1U	10.8U	10.3U	10.3U
2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	NC	pg/L	11.3	20.7	17.5	5.37J	10.3U	5.29K
2,2',3,4,4',5',6-HEPTACHLOROBIPHENYL	NC	pg/L	5.23K	10.4J	9.43K	1.69K	20.6U	3.15J
2,2',3,4,4',5-HEXACHLOROBIPHENYL	NC	pg/L	10.2U	10.5U	10.1U	10.8U	10.3U	10.3U
2,2',3,4,5,5'-HEXACHLOROBIPHENYL	NC	pg/L	5.05J	9.89K	8.26J	10.8U	10.3U	10.3U
2,2',3,5'-TETRACHLOROBIPHENYL	NC	pg/L	54.2	49	50.4	38.2	254	57.1
2,2',4,4',5,5'-HEXACHLOROBIPHENYL	NC	pg/L	9.61K	15.3	25.7	9.93J	10.3U	24.5
2,2',4,4',5,6'-HEXACHLOROBIPHENYL	NC	pg/L	10.2U	1.36K	10.1U	0.781K	10.3U	10.3U
2,2',5-TRICHLOROBIPHENYL	NC	pg/L	57.3	66.6	30.6	40.3	219	32
2,3',4,4'-TETRACHLOROBIPHENYL	NC	pg/L	7.58J	4.65K	5.07J	6.72J	31.9	3.55J
2,3,3',4',6-PENTACHLOROBIPHENYL	NC	pg/L	19.6J	31.2	45.5	20.1J	48.6	34
2,3-DICHLOROBIPHENYL	NC	pg/L	10.2U	1.51K	2.31K	10.8U	10.3U	10.3U
2,4',5-TRICHLOROBIPHENYL	NC	pg/L	51.5	65.2	33.5	37.4	358	28.1B
2-CHLOROBIPHENYL	NC	pg/L	7.92K	8.44J	4.74K	38.1	12.8K	17

Notes:

U - Non detect; J - estimated value; R - rejected value;

EMPC - estimated maximum possible concentration; K - congener estimated maximum possible concentration.

NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 14
Honeywell
SCA Hydrogeologic Investigation
Intermediate Monitoring Wells
Method 1668B High Resolution PCBs Data

Parameter Name	New York State Class GA Standards	Field Sample ID	SCA-0001-03	SCA-0002-02	SCA-0003-02	SCA-0004-05	SCA-0006-03	SCA-0005-02
		Location	SB915-MW-871	SB915-MW-881	SB915-MW-891	SB915-MW-901	SB915-MW-911	SB915-MW-921
		Sample Date	3/10/2011	3/11/2011	3/14/2011	3/15/2011	3/17/2011	3/16/2011
		Sample Depth	64-74 FT	42-52 FT	43-53 FT	42-52 FT	115-125 FT	69-79 FT
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
Units								
203-OcCB	NC	pg/L	2.18J	4.85J	3.40J	10.8U	10.3U	10.3U
21-TrCB C33	NC	pg/L	25.7	37.9	14.9J	21.0J	283	13.9J
59-TeCB C62/75	NC	pg/L	6.34J	6.01K	30.4U	4.44K	33.6	5.70J
64-TeCB	NC	pg/L	20.3	15.2	13.1	14	106	13.2
72-TeCB	NC	pg/L	10.2U	10.5U	10.1U	10.8U	10.3U	10.3U
98-PeCB C102	NC	pg/L	20.4U	21.1U	20.3U	21.6U	20.6U	20.5U
PCB 118	NC	pg/L	15.0K	21.4	29.6K	14.2	34.8B	19.9
PCB 153	NC	pg/L	19.2J	44.4	41.9	14.5K	16.4J	17.5J
PCB 209	NC	pg/L	10.2U	1.68J	1.59J	1.01K	2.70K	0.848K
PCB 52	NC	pg/L	72.9B	71.3B	70.8B	55.7B	292	92.1B
PCB-103	NC	pg/L	10.2U	10.5U	10.1U	10.8U	10.3U	10.3U
PCB-104	NC	pg/L	10.2U	10.5U	10.1U	10.8U	10.3U	10.3U
PCB-105	NC	pg/L	7.49K	7.46K	7.70J	7.31J	19.1	6.34J
PCB-106/118	NC	pg/L	10.2U	10.5U	10.1U	10.8U	10.3U	10.3U
PCB-107/109	NC	pg/L	20.4U	21.1U	20.3U	21.6U	20.6U	20.5U
PCB-11	NC	pg/L	21.0B	26.0B	24.2B	26.2B	24.8B	197B
PCB-111/115	NC	pg/L	10.2U	10.5U	10.1U	10.8U	10.3U	10.3U
PCB-114	NC	pg/L	10.2U	10.5U	10.1U	10.8U	10.3U	10.3U
PCB-12/13	NC	pg/L	2.76K	3.49J	2.79J	3.38K	8.73J	7.17J
PCB-120	NC	pg/L	10.2U	10.5U	10.1U	10.8U	10.3U	10.3U
PCB-121	NC	pg/L	10.2U	10.5U	10.1U	10.8U	10.3U	10.3U
PCB-122	NC	pg/L	10.2U	10.5U	10.1U	10.8U	10.3U	10.3U
PCB-123	NC	pg/L	10.2U	10.5U	10.1U	10.8U	10.3U	10.3U
PCB-126	NC	pg/L	10.2U	10.5U	10.1U	10.8U	10.3U	10.3U
PCB-127	NC	pg/L	10.2U	10.5U	10.1U	10.8U	10.3U	10.3U
PCB-128/162	NC	pg/L	20.4U	4.91J	20.3U	21.6U	20.6U	20.5U
PCB-129	NC	pg/L	16.4K	36.4	33.3	12.3J	20.0J	16.8K
PCB-130	NC	pg/L	10.2U	10.5U	10.1U	10.8U	10.3U	10.3U
PCB-131	NC	pg/L	10.2U	10.5U	10.1U	10.8U	10.3U	10.3U
PCB-132/161	NC	pg/L	7.88K	15.6	17.1	6.85J	9.98K	10.1J
PCB-133/142	NC	pg/L	10.2U	10.5U	10.1U	10.8U	10.3U	10.3U
PCB-134/143	NC	pg/L	10.2U	10.5U	10.1U	10.8U	10.3U	10.3U
PCB-135	NC	pg/L	11.5J	23.6	24.5	12.9J	9.38J	12.7J
PCB-136	NC	pg/L	4.95J	9.25J	9.02J	4.90J	4.48J	6.93J
PCB-139/149	NC	pg/L	20.4U	21.1U	20.3U	21.6U	20.6U	20.5U
PCB-14	NC	pg/L	10.2U	10.5U	10.1U	10.8U	10.3U	10.3U
PCB-144	NC	pg/L	10.2U	1.89K	2.95J	1.64J	1.72K	10.3U
PCB-145	NC	pg/L	10.2U	10.5U	10.1U	10.8U	10.3U	10.3U
PCB-146/165	NC	pg/L	3.77K	7.52K	10.1U	3.44K	2.61K	10.3U
PCB-147	NC	pg/L	22	45.2	47.5	19.7J	17.8J	23.6

Notes:

U - Non detect; J - estimated value; R - rejected value;

EMPC - estimated maximum possible concentration; K - congener estimated maximum possible concentration.

NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 14
Honeywell
SCA Hydrogeologic Investigation
Intermediate Monitoring Wells
Method 1668B High Resolution PCBs Data

Parameter Name	New York State Class GA Standards	Field Sample ID	SCA-0001-03	SCA-0002-02	SCA-0003-02	SCA-0004-05	SCA-0006-03	SCA-0005-02
		Location	SB915-MW-87I	SB915-MW-88I	SB915-MW-89I	SB915-MW-90I	SB915-MW-91I	SB915-MW-92I
		Sample Date	3/10/2011	3/11/2011	3/14/2011	3/15/2011	3/17/2011	3/16/2011
		Sample Depth	64-74 FT	42-52 FT	43-53 FT	42-52 FT	115-125 FT	69-79 FT
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Units	pg/L	pg/L	pg/L	pg/L	pg/L	pg/L
PCB-148	NC	pg/L	10.2U	10.5U	10.1U	10.8U	10.3U	10.3U
PCB-15	NC	pg/L	16.3	18.8	11.2	15.7	52.3	10.7
PCB-150	NC	pg/L	10.2U	10.5U	10.1U	10.8U	10.3U	10.3U
PCB-152	NC	pg/L	10.2U	10.5U	10.1U	10.8U	10.3U	10.3U
PCB-155	NC	pg/L	10.2U	10.5U	10.1U	10.8U	10.3U	10.3U
PCB-156	NC	pg/L	20.4U	5.35K	3.00K	2.08K	4.17J	2.24K
PCB-158/160	NC	pg/L	10.2U	3.71J	10.1U	10.8U	2.79K	10.3U
PCB-159	NC	pg/L	10.2U	10.5U	10.1U	10.8U	10.3U	10.3U
PCB-16/32	NC	pg/L	29.8	29.8	15.2	19.3	110	13.4K
PCB-167	NC	pg/L	10.2U	1.71K	1.27K	10.8U	1.97K	1.15J
PCB-169	NC	pg/L	10.2U	10.5U	10.1U	10.8U	1.41K	10.3U
PCB-17	NC	pg/L	27.5	31.3	18.0K	21.2	119	17.8
PCB-170	NC	pg/L	5.39K	15.4	12.6	3.39J	3.11K	3.41J
PCB-172	NC	pg/L	10.2U	10.5U	10.1U	10.8U	10.3U	10.3U
PCB-174	NC	pg/L	7.80K	19.3	11.2	4.22J	10.3U	4.34K
PCB-175	NC	pg/L	10.2U	10.5U	10.1U	10.8U	10.3U	10.3U
PCB-176	NC	pg/L	10.2U	2.69K	2.46K	0.917J	1.41K	10.3U
PCB-177	NC	pg/L	10.2U	10.1J	8.07K	2.67J	2.58K	3.94J
PCB-178	NC	pg/L	10.2U	10.5U	2.74K	1.51K	1.10K	1.07J
PCB-179	NC	pg/L	3.88K	8.75J	6.42K	2.27J	10.3U	2.34K
PCB-180	NC	pg/L	10.2J	29.9	19.6J	5.58J	6.71K	6.52K
PCB-181	NC	pg/L	10.2U	10.5U	10.1U	10.8U	10.3U	10.3U
PCB-182/187	NC	pg/L	10.2U	10.5U	10.1U	10.8U	10.3U	10.3U
PCB-184	NC	pg/L	10.2U	10.5U	10.1U	10.8U	10.3U	10.3U
PCB-186	NC	pg/L	10.2U	10.5U	10.1U	10.8U	10.3U	10.3U
PCB-188	NC	pg/L	10.2U	10.5U	10.1U	10.8U	10.3U	10.3U
PCB-189	NC	pg/L	10.2U	10.5U	10.1U	10.8U	1.84K	10.3U
PCB-19	NC	pg/L	7.30K	9.56J	3.84K	8.70J	24.1	7.62K
PCB-190	NC	pg/L	1.82K	4.02K	2.40K	0.619K	10.3U	10.3U
PCB-191	NC	pg/L	10.2U	10.5U	10.1U	10.8U	10.3U	10.3U
PCB-192	NC	pg/L	10.2U	10.5U	10.1U	10.8U	10.3U	10.3U
PCB-194	NC	pg/L	2.08J	9.00K	5.49J	1.29K	2.09J	0.766K
PCB-195	NC	pg/L	10.2U	4.02J	2.48K	10.8U	10.3U	10.3U
PCB-196/203	NC	pg/L	1.36K	3.87J	2.75J	0.626K	1.42K	0.927K
PCB-197	NC	pg/L	20.4U	1.09K	20.3U	21.6U	20.6U	20.5U
PCB-198	NC	pg/L	3.96K	9.61J	6.00J	1.73J	2.67K	1.65K
PCB-2	NC	pg/L	2.08K	3.18J	10.1U	2.04K	10.3U	7.37K
PCB-20/21/33	NC	pg/L	58.7	77	37.5	46.2	442	28.3
PCB-202	NC	pg/L	10.2U	1.59J	10.1U	10.8U	1.05J	10.3U
PCB-204	NC	pg/L	10.2U	10.5U	10.1U	10.8U	10.3U	10.3U

Notes:

U - Non detect; J - estimated value; R - rejected value;

EMPC - estimated maximum possible concentration; K - congener estimated maximum possible concentration.

NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 14
Honeywell
SCA Hydrogeologic Investigation
Intermediate Monitoring Wells
Method 1668B High Resolution PCBs Data

Parameter Name	New York State Class GA Standards	Field Sample ID	SCA-0001-03	SCA-0002-02	SCA-0003-02	SCA-0004-05	SCA-0006-03	SCA-0005-02
		Location	SB915-MW-87I	SB915-MW-88I	SB915-MW-89I	SB915-MW-90I	SB915-MW-91I	SB915-MW-92I
		Sample Date	3/10/2011	3/11/2011	3/14/2011	3/15/2011	3/17/2011	3/16/2011
		Sample Depth	64-74 FT	42-52 FT	43-53 FT	42-52 FT	115-125 FT	69-79 FT
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
	Units							
PCB-205	NC	pg/L	10.2U	10.5U	10.1U	10.8U	1.19K	10.3U
PCB-207	NC	pg/L	10.2U	10.5U	10.1U	10.8U	10.3U	10.3U
PCB-208	NC	pg/L	10.2U	10.5U	10.1U	10.8U	10.3U	10.3U
PCB-22	NC	pg/L	19.7	29.4	14	17.1	207	10.5K
PCB-23	NC	pg/L	10.2U	10.5U	10.1U	10.8U	10.3U	10.3U
PCB-24/27	NC	pg/L	10.2U	10.5U	10.1U	10.8U	10.3U	10.3U
PCB-25	NC	pg/L	4.99K	5.77K	4.38J	3.87J	33	5.58J
PCB-26	NC	pg/L	13.6J	16.8J	13.7J	11.0J	79.4	14.7J
PCB-27	NC	pg/L	4.69K	6.68K	3.84K	3.50K	20.4	5.89J
PCB-3	NC	pg/L	3.24J	4.90K	10.1U	4.65K	10.3U	11.3
PCB-32	NC	pg/L	18.9	21.4	10.5	11.6	83.8	8.91K
PCB-34	NC	pg/L	10.2U	10.5U	10.1U	10.8U	10.3U	10.3U
PCB-35	NC	pg/L	10.2U	2.12K	10.1U	10.8U	5.40K	10.3U
PCB-36	NC	pg/L	10.2U	10.5U	10.1U	10.8U	10.3U	2.86K
PCB-37	NC	pg/L	15	13.4	9.78J	9.57J	69.3	6.73J
PCB-38	NC	pg/L	10.2U	10.5U	10.1U	10.8U	10.3U	10.3U
PCB-39	NC	pg/L	10.2U	10.5U	10.1U	10.8U	10.3U	10.3U
PCB-4/10	NC	pg/L	22.2	21.9	12.9	30.3	62.8	30.3B
PCB-40	NC	pg/L	30.4	28	20.6K	21.8	150	19.1J
PCB-41/64/71/72	NC	pg/L	7.94K	5.52K	12.1U	6.54J	34.3K	10.3U
PCB-42/59	NC	pg/L	12.8	11.3	10.1K	9.87J	68.4	10.2J
PCB-43/49	NC	pg/L	10.2U	3.02J	10.1U	10.8U	10.3U	10.3U
PCB-45	NC	pg/L	14.6J	16.8J	10.2K	8.78J	92.3	9.71J
PCB-46	NC	pg/L	6.18K	5.72K	10.1U	3.26K	33.2K	4.52K
PCB-48/75	NC	pg/L	13.7	12.4	11.1U	11.3	86.7	7.86K
PCB-49	NC	pg/L	33.2	29.7	36.3	23.1	158	43.9
PCB-50	NC	pg/L	12.6K	12.1J	8.46J	7.91K	57.9	10.3K
PCB-54	NC	pg/L	10.2U	0.874K	10.1U	10.8U	1.33J	10.3U
PCB-55	NC	pg/L	10.2U	10.5U	10.1U	10.8U	10.3U	10.3U
PCB-56/60	NC	pg/L	8.88K	7.61K	8.50J	10.4J	44.8	6.57K
PCB-57	NC	pg/L	10.2U	10.5U	10.1U	10.8U	10.3U	10.3U
PCB-58	NC	pg/L	10.2U	10.5U	10.1U	10.8U	10.3U	10.3U
PCB-6	NC	pg/L	7.33K	8.54K	4.93J	7.17J	23.4	6.62K
PCB-61/70	NC	pg/L	41.4	35.7J	40.2J	37.3J	184	44.4
PCB-63	NC	pg/L	10.2U	10.5U	10.1U	10.8U	6.05K	10.3U
PCB-66	NC	pg/L	19.8	18.3	22.3K	20	92.3	24.2
PCB-67	NC	pg/L	10.2U	1.50K	10.1U	10.8U	6.28J	10.3U
PCB-68	NC	pg/L	10.2U	10.5U	10.1U	10.8U	10.3U	10.3U
PCB-7/9	NC	pg/L	1.78K	1.17K	10.1U	1.26K	3.86J	10.3U
PCB-73	NC	pg/L	2.98K	10.5U	10.1U	10.8U	12.0K	10.3U

Notes:

U - Non detect; J - estimated value; R - rejected value;

EMPC - estimated maximum possible concentration; K - congener estimated maximum possible concentration.

NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 14
Honeywell
SCA Hydrogeologic Investigation
Intermediate Monitoring Wells
Method 1668B High Resolution PCBs Data

Parameter Name	New York State Class GA Standards	Field Sample ID	SCA-0001-03	SCA-0002-02	SCA-0003-02	SCA-0004-05	SCA-0006-03	SCA-0005-02
		Location	SB915-MW-87I	SB915-MW-88I	SB915-MW-89I	SB915-MW-90I	SB915-MW-91I	SB915-MW-92I
		Sample Date	3/10/2011	3/11/2011	3/14/2011	3/15/2011	3/17/2011	3/16/2011
		Sample Depth	64-74 FT	42-52 FT	43-53 FT	42-52 FT	115-125 FT	69-79 FT
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Units	pg/L	pg/L	pg/L	pg/L	pg/L	pg/L
PCB-77	NC	pg/L	10.2U	2.19J	10.1U	2.90J	8.41J	10.3U
PCB-78	NC	pg/L	10.2U	10.5U	10.1U	10.8U	10.3U	10.3U
PCB-79	NC	pg/L	10.2U	10.5U	10.1U	10.8U	10.3U	10.3U
PCB-8	NC	pg/L	23.3B	25.2B	16.3B	28.8B	73.6B	20.6B
PCB-80	NC	pg/L	10.2U	10.5U	10.1U	10.8U	10.3U	10.3U
PCB-81	NC	pg/L	10.2U	10.5U	10.1U	10.8U	10.3U	10.3U
PCB-82	NC	pg/L	10.2U	10.5U	4.71K	3.69K	8.35K	10.3U
PCB-83	NC	pg/L	10.2U	4.58J	7.96J	10.8U	32.5	10.3U
PCB-84/92	NC	pg/L	8.07K	11.1K	18.4	9.21J	24	17.7
PCB-85/116	NC	pg/L	30.6U	4.08J	30.4U	5.04J	10.4K	30.8U
PCB-86	NC	pg/L	13.9J	20.9J	28.4J	17.6J	61.9U	21.7J
PCB-88/91	NC	pg/L	6.45J	7.50J	14.9J	6.39K	13.8J	20.5U
PCB-89	NC	pg/L	10.2U	10.5U	10.1U	10.8U	10.3U	10.3U
PCB-9	NC	pg/L	2.77K	2.96J	2.01J	3.06J	14.9	3.66J
PCB-90/101	NC	pg/L	25.9J	40.4	56.5	28.1J	51.3	45.1
PCB-92	NC	pg/L	5.28K	8.46K	15.4	6.77K	10.3	12
PCB-93	NC	pg/L	20.4U	21.1U	20.3U	21.6U	20.6U	20.5U
PCB-94	NC	pg/L	10.2U	10.5U	10.1U	10.8U	10.3U	10.3U
PCB-95/98/102	NC	pg/L	27.1K B	39.8B	52.9B	27.8	69.8B	53.8B
PCB-96	NC	pg/L	1.24J	1.17K	1.22K	10.8U	2.36K	10.3U

Notes:

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NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 14
Honeywell
SCA Hydrogeologic Investigation
Intermediate Monitoring Wells
Method 1668B High Resolution PCBs Data

Parameter Name	New York State Class GA Standards	Field Sample ID Location Sample Date Sample Depth Sample Purpose Units	SCA-0014-02 SB915-MW-93I 9/19/2011 39-49 FT Regular sample
TOTALS			
TOTAL DECACB	NC	pg/L	3.11U
TOTAL DICHLOROBIPHENYLS	NC	pg/L	24.4U
TOTAL HEPTACB	NC	pg/L	71.2
TOTAL HEXACB	NC	pg/L	175
TOTAL MONOCB	NC	pg/L	5.83J
TOTAL NONACHLOROBIPHENYLS	NC	pg/L	5.81U
TOTAL OCTACB	NC	pg/L	4.78U
TOTAL PENTACB	NC	pg/L	130U
TOTAL TETRACB	NC	pg/L	198U
TOTAL TRICB	NC	pg/L	157UJ
CALCULATED TOTAL PCBs (post validation)	90000	pg/L	252.03
TOTAL PCBs (lab reported prior to validation)	90000	pg/L	738
CONGENERS			
10-DiCB	NC	pg/L	10.3U
109-PeCB	NC	pg/L	10.3U
112-PeCB	NC	pg/L	10.3U
142-HxCB	NC	pg/L	10.3U
143-HxCB	NC	pg/L	10.3U
160-HxCB	NC	pg/L	10.3U
161-HxCB	NC	pg/L	10.3U
162-HxCB	NC	pg/L	10.3U
164-HxCB	NC	pg/L	10.3U
165-HxCB	NC	pg/L	10.3U
2,2',3,3',4,4',5,5',6-NONACHLOROBIPHENYL	NC	pg/L	10.3U
2,2',3,3',4,4',6-HEPTACHLOROBIPHENYL	NC	pg/L	20.6U
2,2',3,3',4,5',6,6'-OCTACHLOROBIPHENYL	NC	pg/L	10.3U
2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	NC	pg/L	16.5
2,2',3,4,4',5',6-HEPTACHLOROBIPHENYL	NC	pg/L	20.6U
2,2',3,4,4',5-HEXACHLOROBIPHENYL	NC	pg/L	10.3U
2,2',3,4,5,5'-HEXACHLOROBIPHENYL	NC	pg/L	11.7
2,2',3,5'-TETRACHLOROBIPHENYL	NC	pg/L	30.4J
2,2',4,4',5,5'-HEXACHLOROBIPHENYL	NC	pg/L	12.9K
2,2',4,4',5,6'-HEXACHLOROBIPHENYL	NC	pg/L	10.3U
2,2',5-TRICHLOROBIPHENYL	NC	pg/L	25
2,3',4,4'-TETRACHLOROBIPHENYL	NC	pg/L	10.3U
2,3,3',4',6-PENTACHLOROBIPHENYL	NC	pg/L	17.8K
2,3-DICHLOROBIPHENYL	NC	pg/L	24.4U
2,4',5-TRICHLOROBIPHENYL	NC	pg/L	25.4K
2-CHLOROBIPHENYL	NC	pg/L	3.15K

Notes:

U - Non detect; J - estimated value; R - rejected value;

EMPC - estimated maximum possible concentration; K - congener estimated maximum possible concentration.

NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 14
Honeywell
SCA Hydrogeologic Investigation
Intermediate Monitoring Wells
Method 1668B High Resolution PCBs Data

Parameter Name	New York State Class GA Standards	Field Sample ID	SCA-0014-02
		Location	SB915-MW-93I
		Sample Date	9/19/2011
		Sample Depth	39-49 FT
		Sample Purpose	Regular sample
		Units	
203-OcCB	NC	pg/L	10.3U
21-TrCB C33	NC	pg/L	17.4J
59-TeCB C62/75	NC	pg/L	31.0U
64-TeCB	NC	pg/L	10.2K
72-TeCB	NC	pg/L	10.3U
98-PeCB C102	NC	pg/L	20.6U
PCB 118	NC	pg/L	10.3U
PCB 153	NC	pg/L	30
PCB 209	NC	pg/L	10.3U
PCB 52	NC	pg/L	41.6
PCB-103	NC	pg/L	10.3U
PCB-104	NC	pg/L	10.3U
PCB-105	NC	pg/L	10.3U
PCB-106/118	NC	pg/L	10.3U
PCB-107/109	NC	pg/L	20.6U
PCB-11	NC	pg/L	20.2U
PCB-111/115	NC	pg/L	10.3U
PCB-114	NC	pg/L	10.3U
PCB-12/13	NC	pg/L	20.6U
PCB-120	NC	pg/L	10.3U
PCB-121	NC	pg/L	10.3U
PCB-122	NC	pg/L	10.3U
PCB-123	NC	pg/L	10.3U
PCB-126	NC	pg/L	10.3U
PCB-127	NC	pg/L	10.3U
PCB-128/162	NC	pg/L	20.6U
PCB-129	NC	pg/L	26.2J
PCB-130	NC	pg/L	10.3U
PCB-131	NC	pg/L	10.4U
PCB-132/161	NC	pg/L	12.7K
PCB-133/142	NC	pg/L	10.3U
PCB-134/143	NC	pg/L	11.9U
PCB-135	NC	pg/L	30.6K
PCB-136	NC	pg/L	12.1
PCB-139/149	NC	pg/L	20.6U
PCB-14	NC	pg/L	19.9U
PCB-144	NC	pg/L	10.3U
PCB-145	NC	pg/L	10.3U
PCB-146/165	NC	pg/L	10.3U
PCB-147	NC	pg/L	51.6

Notes:

U - Non detect; J - estimated value; R - rejected value;

EMPC - estimated maximum possible concentration; K - congener estimated maximum possible concentration.

NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 14
Honeywell
SCA Hydrogeologic Investigation
Intermediate Monitoring Wells
Method 1668B High Resolution PCBs Data

Parameter Name	New York State Class GA Standards	Field Sample ID	SCA-0014-02
		Location	SB915-MW-93I
		Sample Date	9/19/2011
		Sample Depth	39-49 FT
		Sample Purpose	Regular sample
		Units	
PCB-148	NC	pg/L	10.3U
PCB-15	NC	pg/L	15.0U
PCB-150	NC	pg/L	10.3U
PCB-152	NC	pg/L	10.3U
PCB-155	NC	pg/L	10.3U
PCB-156	NC	pg/L	20.6U
PCB-158/160	NC	pg/L	10.3U
PCB-159	NC	pg/L	10.3U
PCB-16/32	NC	pg/L	14.3
PCB-167	NC	pg/L	10.3U
PCB-169	NC	pg/L	10.3U
PCB-17	NC	pg/L	14.5K
PCB-170	NC	pg/L	11.3K
PCB-172	NC	pg/L	10.3U
PCB-174	NC	pg/L	13.2K
PCB-175	NC	pg/L	10.3U
PCB-176	NC	pg/L	10.3U
PCB-177	NC	pg/L	10.3U
PCB-178	NC	pg/L	10.3U
PCB-179	NC	pg/L	9.72J
PCB-180	NC	pg/L	20.5K
PCB-181	NC	pg/L	10.3U
PCB-182/187	NC	pg/L	10.3U
PCB-184	NC	pg/L	10.3U
PCB-186	NC	pg/L	10.3U
PCB-188	NC	pg/L	10.3U
PCB-189	NC	pg/L	10.3U
PCB-19	NC	pg/L	10.3U
PCB-190	NC	pg/L	10.3U
PCB-191	NC	pg/L	10.3U
PCB-192	NC	pg/L	10.3U
PCB-194	NC	pg/L	10.3U
PCB-195	NC	pg/L	10.3U
PCB-196/203	NC	pg/L	10.3U
PCB-197	NC	pg/L	20.6U
PCB-198	NC	pg/L	20.6U
PCB-2	NC	pg/L	10.3U
PCB-20/21/33	NC	pg/L	30.3
PCB-202	NC	pg/L	10.3U
PCB-204	NC	pg/L	10.3U

Notes:

U - Non detect; J - estimated value; R - rejected value;

EMPC - estimated maximum possible concentration; K - congener estimated maximum possible concentration.

NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 14
Honeywell
SCA Hydrogeologic Investigation
Intermediate Monitoring Wells
Method 1668B High Resolution PCBs Data

Parameter Name	New York State Class GA Standards	Field Sample ID	SCA-0014-02
		Location	SB915-MW-93I
		Sample Date	9/19/2011
		Sample Depth	39-49 FT
		Sample Purpose	Regular sample
		Units	
PCB-205	NC	pg/L	10.3U
PCB-207	NC	pg/L	10.3U
PCB-208	NC	pg/L	10.3U
PCB-22	NC	pg/L	13.4K
PCB-23	NC	pg/L	10.3U
PCB-24/27	NC	pg/L	10.3U
PCB-25	NC	pg/L	10.3U
PCB-26	NC	pg/L	20.6U
PCB-27	NC	pg/L	10.3U
PCB-3	NC	pg/L	2.68K
PCB-32	NC	pg/L	9.95K
PCB-34	NC	pg/L	10.3U
PCB-35	NC	pg/L	10.3U
PCB-36	NC	pg/L	10.3U
PCB-37	NC	pg/L	6.83J
PCB-38	NC	pg/L	10.3U
PCB-39	NC	pg/L	10.3U
PCB-4/10	NC	pg/L	15.8U
PCB-40	NC	pg/L	11.9J
PCB-41/64/71/72	NC	pg/L	11.2U
PCB-42/59	NC	pg/L	8.47J
PCB-43/49	NC	pg/L	10.7U
PCB-45	NC	pg/L	14.1J
PCB-46	NC	pg/L	10.3U
PCB-48/75	NC	pg/L	10.3U
PCB-49	NC	pg/L	22.3K
PCB-50	NC	pg/L	9.37K
PCB-54	NC	pg/L	10.3U
PCB-55	NC	pg/L	10.3U
PCB-56/60	NC	pg/L	8.80K
PCB-57	NC	pg/L	10.3U
PCB-58	NC	pg/L	10.3U
PCB-6	NC	pg/L	19.5U
PCB-61/70	NC	pg/L	30.2J
PCB-63	NC	pg/L	10.3U
PCB-66	NC	pg/L	11.1K
PCB-67	NC	pg/L	10.3U
PCB-68	NC	pg/L	10.3U
PCB-7/9	NC	pg/L	20.6U
PCB-73	NC	pg/L	10.3U

Notes:

U - Non detect; J - estimated value; R - rejected value;

EMPC - estimated maximum possible concentration; K - congener estimated maximum possible concentration.

NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 14
Honeywell
SCA Hydrogeologic Investigation
Intermediate Monitoring Wells
Method 1668B High Resolution PCBs Data

Parameter Name	New York State Class GA Standards	Field Sample ID	SCA-0014-02
		Location	SB915-MW-93I
		Sample Date	9/19/2011
		Sample Depth	39-49 FT
		Sample Purpose	Regular sample
		Units	
PCB-77	NC	pg/L	10.3U
PCB-78	NC	pg/L	10.3U
PCB-79	NC	pg/L	10.3U
PCB-8	NC	pg/L	18.2U
PCB-80	NC	pg/L	10.3U
PCB-81	NC	pg/L	10.3U
PCB-82	NC	pg/L	11.4U
PCB-83	NC	pg/L	12.3U
PCB-84/92	NC	pg/L	11.7U
PCB-85/116	NC	pg/L	31.0U
PCB-86	NC	pg/L	15.7J
PCB-88/91	NC	pg/L	20.6U
PCB-89	NC	pg/L	11.5U
PCB-9	NC	pg/L	20.6U
PCB-90/101	NC	pg/L	31.2
PCB-92	NC	pg/L	14.2
PCB-93	NC	pg/L	20.6U
PCB-94	NC	pg/L	11.8U
PCB-95/98/102	NC	pg/L	38.5
PCB-96	NC	pg/L	10.3U

Notes:

U - Non detect; J - estimated value; R - rejected value;

EMPC - estimated maximum possible concentration; K - congener estimated maximum possible concentration.

NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 15
Honeywell
SCA Hydrogeologic Investigation
Intermediate Monitoring Wells
Methods 6010/9012/7199/1631 Inorganic Compound Data

Parameter Name	New York State Class GA Standards	Field Sample ID Location Sample Date Sample Depth Sample Purpose Units	SCA-0001-03	SCA-0008-05	SCA-0024-01	SCA-0027-02	SCA-0035-02	SCA-0044-03
			SB915-MW-871 3/10/2011 64-74 FT Regular sample	SB915-MW-871 6/22/2011 64-74 FT Regular sample	SB915-MW-871 9/27/2011 64-74 FT Regular sample	SB915-MW-871 12/6/2011 64-74 FT Regular sample	SB915-MW-871 3/12/2012 64-74 FT Regular sample	SB915-MW-871 5/7/2012 64-74 FT Regular sample
ALUMINUM	NC	mg/L	0.2U	0.485	0.572	0.26	0.2U	0.289
ANTIMONY	0.003(G)	mg/L	0.006U	0.006U	0.006U	[0.0039J]	[0.0034J]	0.006U
ARSENIC	0.025(S)	mg/L	0.0013J	0.003U	0.003U	0.0027U	0.0019J	0.003U
BARIUM	1(S)	mg/L	0.0332	0.0296	0.0291	0.029J	0.0326	0.027
BERYLLIUM	0.003(G)	mg/L	0.001U	0.001U	0.001U	0.00023U	0.001U	0.001U
BORON	1(S)	mg/L	NA	0.0631J	0.0591J	0.063J	0.1U	0.0535J
CADMIUM	0.005(S)	mg/L	0.001U	0.001U	0.001U	0.00013U	0.001U	0.001U
CALCIUM	NC	mg/L	343	376J	333	340	356	343
CHROMIUM	0.05(S)	mg/L	0.004	0.004J	0.0029J	0.0021J	0.0106J	0.005
COBALT	NC	mg/L	0.004U	0.004U	0.004U	0.00062J	0.004U	0.004U
COPPER	0.2(S)	mg/L	0.01U	0.0034J	0.01U	0.0035J	0.01U	0.0044J
CYANIDE	0.2(S)	mg/L	0.017UJ	0.010UJ	0.010U	0.0015R	0.010R	0.027J
IRON	0.3(S)	mg/L	[0.702]	[0.954]	[1.53]	[0.91J]	[0.988J]	[0.996J]
LEAD	0.025(S)	mg/L	0.003U	0.003U	0.003U	0.0013U	0.003U	0.003U
MAGNESIUM	35(G)	mg/L	[62.4]	[64.2]	[63.8]	[61]	[58.8]	[50.8]
MANGANESE	0.3(S)	mg/L	0.118J	0.115	0.109	0.093	0.113	0.0917
MERCURY	0.0007(S)	mg/L	1.50E-07	6.30E-07	9.20E-07	5e-007U	0.0000011	0.0000013J
NICKEL	NC	mg/L	0.01U	0.01U	0.01U	0.0016U	0.01U	0.0014J
POTASSIUM	NC	mg/L	14.7	15.1	13.9	13	17.7J	12.2J
SELENIUM	0.01(S)	mg/L	0.01U	0.01U	0.0015B	0.003U	0.01U	0.01U
SILVER	0.05(S)	mg/L	0.003U	0.003U	0.003U	0.00068U	0.0016J	0.003R
SODIUM	20(S)	mg/L	[417]	[383J]	[449]	[430]	[375]	[378]
THALLIUM	0.0005(G)	mg/L	0.002U	0.002U	0.002U	[0.0026J]	0.002U	[0.003J]
VANADIUM	NC	mg/L	0.005U	0.005U	0.005U	0.0019U	0.005U	0.005U
ZINC	2(G)	mg/L	0.0028J	0.0108J	0.0025J	0.02U	0.0129J	0.0135R
HEXAVALENT CHROMIUM	0.05(S)	mg/L	0.0055U	0.0055U	0.0055R	0.00056R	0.0055UJ	0.0055UJ

Notes:

U - Non detect; J - estimated value; R - rejected value;

EMPC - estimated maximum possible concentration; K - congener estimated maximum possible concentration.

NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 15
Honeywell
SCA Hydrogeologic Investigation
Intermediate Monitoring Wells
Methods 6010/9012/7199/1631 Inorganic Compound Data

Parameter Name	New York State Class GA Standards	Field Sample ID	SCA-0052-04	SCA-0002-02	SCA-0009-02	SCA-0026-02	SCA-0029-02	SCA-0036-02
		Location	SB915-MW-87I	SB915-MW-88I	SB915-MW-88I	SB915-MW-88I	SB915-MW-88I	SB915-MW-88I
		Sample Date	7/11/2012	3/11/2011	6/23/2011	9/28/2011	12/8/2011	3/13/2012
		Sample Depth	64-74 FT	42-52 FT	42-52 FT	42-52 FT	42-52 FT	42-52 FT
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Units						
ALUMINUM	NC	mg/L	0.127J	0.525	3.16	0.1J	0.41	1.36J
ANTIMONY	0.003(G)	mg/L	0.006U	0.006U	0.06U	[0.007J]	[0.011]	0.006U
ARSENIC	0.025(S)	mg/L	0.0014J	0.0039	0.0189J	0.006U	0.0027U	0.0068
BARIUM	1(S)	mg/L	0.0239	[2.31]	[6.41]	[7.59]	[7.6]	[7.51]
BERYLLIUM	0.003(G)	mg/L	0.001UJ	0.0018	0.001U	0.001U	0.00023U	0.001U
BORON	1(S)	mg/L	0.1U	NA	0.0294J	0.0339J	0.043J	0.1U
CADMIUM	0.005(S)	mg/L	0.001U	0.002U	0.001U	0.0013	0.0003J	0.0004J
CALCIUM	NC	mg/L	328	1200	2570J	1450	1400	1620
CHROMIUM	0.05(S)	mg/L	0.004U	0.017	0.0081	0.0085	0.016	0.0273J
COBALT	NC	mg/L	0.004U	0.008U	0.0062	0.0119	0.01U	0.0029J
COPPER	0.2(S)	mg/L	0.01U	0.01U	0.0109	0.0038J	0.0033J	0.0051J
CYANIDE	0.2(S)	mg/L	0.010UJ	0.010UJ	0.010U	0.010UJ	0.0015U	0.010U
IRON	0.3(S)	mg/L	[1J]	[6.87]	[16.8]	[9.88]	[7]	[10.4]
LEAD	0.025(S)	mg/L	0.003U	0.0058J	0.03U	0.0022J	0.032U	0.009U
MAGNESIUM	35(G)	mg/L	[60.6J]	[148]	[123]	[117]	[110]	[160]
MANGANESE	0.3(S)	mg/L	0.0729	[2.05J]	[1.97]	[1.64]	[1.7]	[2.06]
MERCURY	0.0007(S)	mg/L	0.0000011J	8.90E-07	6.16E-06	5.80E-07	8.3e-007J	0.0000018
NICKEL	NC	mg/L	0.01U	0.0177	0.0207	0.02U	0.039U	0.0114
POTASSIUM	NC	mg/L	13.5	72	111	116	120	107J
SELENIUM	0.01(S)	mg/L	0.01U	0.01U	0.1U	[0.0316]	0.003U	0.0034J
SILVER	0.05(S)	mg/L	0.003U	0.003U	0.003U	0.0087	0.00068U	0.0045J
SODIUM	20(S)	mg/L	[403J]	[594]	[850J]	[686]	[660]	[512]
THALLIUM	0.0005(G)	mg/L	0.01U	0.004U	0.02U	0.02U	0.059U	0.02U
VANADIUM	NC	mg/L	0.005U	0.005U	0.001J	0.005U	0.0019U	0.0036J
ZINC	2(G)	mg/L	0.01U	0.01U	0.015J	0.01U	0.02U	0.0113R
HEXAVALENT CHROMIUM	0.05(S)	mg/L	0.0031R	0.0055U	0.0055R	0.0055R	0.0056U	0.0055R

Notes:

U - Non detect; J - estimated value; R - rejected value;

EMPC - estimated maximum possible concentration; K - congener estimated maximum possible concentration.

NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 15
Honeywell
SCA Hydrogeologic Investigation
Intermediate Monitoring Wells
Methods 6010/9012/7199/1631 Inorganic Compound Data

Parameter Name	New York State Class GA Standards	Field Sample ID	SCA-0045-02	SCA-0053-02	SCA-0003-02	SCA-0010-02	SCA-0022-03	SCA-0031-02
		Location	SB915-MW-88I	SB915-MW-88I	SB915-MW-89I	SB915-MW-89I	SB915-MW-89I	SB915-MW-89I
		Sample Date	5/8/2012	7/12/2012	3/14/2011	6/24/2011	9/26/2011	12/12/2011
		Sample Depth	42-52 FT	42-52 FT	43-53 FT	43-53 FT	43-53 FT	43-53 FT
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Units						
ALUMINUM	NC	mg/L	0.6U	0.296	0.773	3.19	0.369	0.87
ANTIMONY	0.003(G)	mg/L	0.0024I	0.006U	0.006U	0.006U	[0.0064]	0.0013U
ARSENIC	0.025(S)	mg/L	0.009U	0.0066	0.0025J	0.0012J	0.006U	0.0027U
BARIUM	1(S)	mg/L	[6.43]	[5.37]	0.352	0.209	0.272	0.29
BERYLLIUM	0.003(G)	mg/L	0.001U	0.001UJ	0.0016	0.001U	0.005U	0.00023U
BORON	1(S)	mg/L	0.0479I	0.0459I	NA	0.0918I	0.0676I	0.068I
CADMIUM	0.005(S)	mg/L	0.001U	0.001U	0.0011	0.001U	0.0011	0.005U
CALCIUM	NC	mg/L	1640	1820	1250	683J	878	1100
CHROMIUM	0.05(S)	mg/L	0.0039J	0.02U	0.0094	0.0151	0.004U	0.005U
COBALT	NC	mg/L	0.001J	0.0014I	0.012U	0.0045	0.0086	0.0027I
COPPER	0.2(S)	mg/L	0.0077J	0.0071J	0.0275	0.0144	0.01U	0.0031J
CYANIDE	0.2(S)	mg/L	0.010U	0.010UJ	0.010UJ	0.010U	0.010UJ	0.0015U
IRON	0.3(S)	mg/L	[8.43J]	[7.53J]	[0.908]	[4.41]	[0.9]	[1]
LEAD	0.025(S)	mg/L	0.009U	0.0229	0.0054I	0.0053	0.003U	0.0013U
MAGNESIUM	35(G)	mg/L	[134]	[127J]	[125]	[69.3]	[92.9]	[99]
MANGANESE	0.3(S)	mg/L	[1.93]	[1.72]	[4.7J]	[2.91]	[3.51]	[3.8]
MERCURY	0.0007(S)	mg/L	0.0000047J	0.00000037J	2.86E-06	6.27E-06	2.44E-06	3.00E-06
NICKEL	NC	mg/L	0.01U	0.01U	0.01U	0.0184	0.0091J	0.0048J
POTASSIUM	NC	mg/L	106J	76.9	54.9	41.8	47.4	52
SELENIUM	0.01(S)	mg/L	0.01U	0.01U	0.01U	0.01U	0.0067J	0.003U
SILVER	0.05(S)	mg/L	0.003U	0.015U	0.003U	0.0011J	0.003U	0.00068U
SODIUM	20(S)	mg/L	[756]	[876J]	[775]	[505J]	[654]	[690J]
THALLIUM	0.0005(G)	mg/L	0.03U	0.05U	0.006U	[0.0005J]	0.01U	0.0024U
VANADIUM	NC	mg/L	0.0028I	0.0045I	0.005U	0.0059	0.005U	0.0019U
ZINC	2(G)	mg/L	0.0211J	0.005J	0.0033J	0.0219J	0.01U	0.0066J
HEXAVALENT CHROMIUM	0.05(S)	mg/L	0.0055U	0.0055U	0.0050U	0.0055U	0.0055R	0.011UJ

Notes:

U - Non detect; J - estimated value; R - rejected value;

EMPC - estimated maximum possible concentration; K - congener estimated maximum possible concentration.

NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 15
Honeywell
SCA Hydrogeologic Investigation
Intermediate Monitoring Wells
Methods 6010/9012/7199/1631 Inorganic Compound Data

Parameter Name	New York State Class GA Standards	Field Sample ID	SCA-0039-02	SCA-0046-02	SCA-0055-05	SCA-0004-05	SCA-0011-01	SCA-0020-01
		Location	SB915-MW-89I	SB915-MW-89I	SB915-MW-89I	SB915-MW-90I	SB915-MW-90I	SB915-MW-90I
		Sample Date	3/16/2012	5/9/2012	7/14/2012	3/15/2011	6/27/2011	9/23/2011
		Sample Depth	43-53 FT	43-53 FT	43-53 FT	42-52 FT	42-52 FT	42-52 FT
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Units						
ALUMINUM	NC	mg/L	0.561	0.266	0.101J	0.2U	0.642	0.6U
ANTIMONY	0.003(G)	mg/L	0.006U	0.006U	0.006U	0.006U	0.006U	[0.0076J]
ARSENIC	0.025(S)	mg/L	0.0012J	0.006U	0.003U	0.0026J	0.006U	0.009U
BARIUM	1(S)	mg/L	0.24	0.215	0.226	0.198	0.236	0.2
BERYLLIUM	0.003(G)	mg/L	0.001U	0.001U	0.001U	0.001U	0.001U	0.001U
BORON	1(S)	mg/L	0.1U	0.0576J	0.0833J	NA	0.11J	0.118
CADMIUM	0.005(S)	mg/L	0.001U	0.001U	0.001U	0.001	0.001U	0.001
CALCIUM	NC	mg/L	858	894	824	1050J	1230	1040
CHROMIUM	0.05(S)	mg/L	0.0184	0.0025J	0.0017J	0.0023J	0.004	0.0019J
COBALT	NC	mg/L	0.0042	0.004U	0.004U	0.0016J	0.0022J	0.0083
COPPER	0.2(S)	mg/L	0.01U	0.0035J	0.01U	0.0123	0.0056J	0.0017J
CYANIDE	0.2(S)	mg/L	0.010U	0.010UJ	0.010U	0.010UJ	0.010U	0.010UJ
IRON	0.3(S)	mg/L	[0.649]	[0.531J]	0.294	[1.55]	[2.01]	[1.83]
LEAD	0.025(S)	mg/L	0.003U	0.006U	0.003U	0.0058	0.006U	0.003U
MAGNESIUM	35(G)	mg/L	[93.7]	[101]	[85.1]	[88.7]	[105]	[91.5]
MANGANESE	0.3(S)	mg/L	[3.55]	[3.53]	[3.59]	[1.18]	[1.31]	[1.12]
MERCURY	0.0007(S)	mg/L	0.0000014	0.0000022J	0.0000018J	2.40E-07	1.80E-07	2.20E-07
NICKEL	NC	mg/L	0.0008J	0.0109	0.01U	0.0032J	0.0074J	0.01U
POTASSIUM	NC	mg/L	49.4	51.5J	46.3	51.1	54.2	52.5
SELENIUM	0.01(S)	mg/L	0.0021J	0.0073J	[0.0158]	0.0024J	0.02U	0.0052J
SILVER	0.05(S)	mg/L	0.003U	0.003U	0.003U	0.003U	0.003U	0.003U
SODIUM	20(S)	mg/L	[572]	[564]	[549]	[730]	[838]	[847]
THALLIUM	0.0005(G)	mg/L	0.002U	0.002U	[0.002J]	0.01U	0.004U	0.004U
VANADIUM	NC	mg/L	0.005U	0.005U	0.005U	0.005U	0.005U	0.005U
ZINC	2(G)	mg/L	0.0183J	0.0152R	0.01U	0.01U	0.0097J	0.01U
HEXAVALENT CHROMIUM	0.05(S)	mg/L	0.0055U	0.0055U	0.0055U	0.0055R	0.0055R	0.0055UJ

Notes:

U - Non detect; J - estimated value; R - rejected value;

EMPC - estimated maximum possible concentration; K - congener estimated maximum possible concentration.

NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 15
Honeywell
SCA Hydrogeologic Investigation
Intermediate Monitoring Wells
Methods 6010/9012/7199/1631 Inorganic Compound Data

Parameter Name	New York State Class GA Standards	Field Sample ID	SCA-0032-02	SCA-0040-02	SCA-0047-02	SCA-0056-06	SCA-0006-03	SCA-0012-03
		Location	SB915-MW-90I	SB915-MW-90I	SB915-MW-90I	SB915-MW-90I	SB915-MW-91I	SB915-MW-91I
		Sample Date	12/13/2011	3/19/2012	5/10/2012	7/17/2012	3/17/2011	6/28/2011
		Sample Depth	42-52 FT	42-52 FT	42-52 FT	42-52 FT	115-125 FT	115-125 FT
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Units						
ALUMINUM	NC	mg/L	0.28	1U	0.283	0.2U	0.2U	1.05
ANTIMONY	0.003(G)	mg/L	[0.012]	0.006U	0.006U	0.006U	0.006U	0.006U
ARSENIC	0.025(S)	mg/L	0.0027U	0.015U	0.0033	0.003U	0.0025J	0.0024J
BARIUM	1(S)	mg/L	0.18J	0.206	0.201	0.182	0.0852	0.0755
BERYLLIUM	0.003(G)	mg/L	0.00023U	0.001U	0.001U	0.001U	0.001U	0.001U
BORON	1(S)	mg/L	0.12J	0.115	0.113J	0.104	NA	0.0662J
CADMIUM	0.005(S)	mg/L	0.005U	0.001U	0.001U	0.001U	0.0003J	0.001U
CALCIUM	NC	mg/L	1100	1170	1120	971	919	823
CHROMIUM	0.05(S)	mg/L	0.005U	0.0093J	0.0051J	0.004U	0.0047	0.0073
COBALT	NC	mg/L	0.002U	0.004U	0.004U	0.0024J	0.002J	0.004U
COPPER	0.2(S)	mg/L	0.0035J	0.01U	0.0043J	0.01U	0.0039J	0.0021J
CYANIDE	0.2(S)	mg/L	0.0015U	0.010U	0.010U	0.010U	0.010UJ	0.010U
IRON	0.3(S)	mg/L	[1.8J]	[2.23]	[2.15J]	[1.84J]	[1.65]	[2.38]
LEAD	0.025(S)	mg/L	0.0063U	0.003U	0.003U	0.003U	0.0037	0.003U
MAGNESIUM	35(G)	mg/L	[83]	[84.7]	[89.3]	[75.1J]	[57]	[44.7]
MANGANESE	0.3(S)	mg/L	[1]	[1.14]	[1.17]	[1.02J]	[0.964]	[1.02]
MERCURY	0.0007(S)	mg/L	5e-007U	0.00000066	0.0000012J	0.00000050U	1.07E-06	5.43E-06
NICKEL	NC	mg/L	0.0078U	0.01U	0.03U	0.01U	0.0055J	0.0104
POTASSIUM	NC	mg/L	51	51.4	51.3J	50.4J	28.8	34.8
SELENIUM	0.01(S)	mg/L	0.003U	0.05U	0.01U	0.0044J	0.01U	0.0019J
SILVER	0.05(S)	mg/L	0.00068U	0.003U	0.003U	0.003U	0.003U	0.0009J
SODIUM	20(S)	mg/L	[890]	[987]	[875]	[758]	[550J]	[597]
THALLIUM	0.0005(G)	mg/L	0.012U	0.01U	0.006U	0.02U	0.02U	0.002U
VANADIUM	NC	mg/L	0.0019U	0.005U	0.005U	0.002J	0.005U	0.005U
ZINC	2(G)	mg/L	0.02U	0.02J	0.0176R	0.0032J	0.007J	0.0125
HEXAVALENT CHROMIUM	0.05(S)	mg/L	0.015J	0.0055UJ	0.0055R	0.0055R	0.0055UJ	0.0055UJ

Notes:

U - Non detect; J - estimated value; R - rejected value;

EMPC - estimated maximum possible concentration; K - congener estimated maximum possible concentration.

NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 15
Honeywell
SCA Hydrogeologic Investigation
Intermediate Monitoring Wells
Methods 6010/9012/7199/1631 Inorganic Compound Data

	Field Sample ID	SCA-0018-04	SCA-0028-03	SCA-0042-03	SCA-0050-03	SCA-0057-01	SCA-0005-02	
	Location	SB915-MW-911	SB915-MW-911	SB915-MW-911	SB915-MW-911	SB915-MW-911	SB915-MW-921	
	Sample Date	9/22/2011	12/7/2011	3/21/2012	5/15/2012	7/18/2012	3/16/2011	
	Sample Depth	115-125 FT	115-125 FT	115-125 FT	115-125 FT	115-125 FT	69-79 FT	
	New York State Class GA Standards	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	
Parameter Name	Units							
ALUMINUM	NC	mg/L	0.261	0.7	0.199J	0.359J	0.162J	0.207
ANTIMONY	0.003(G)	mg/L	[0.0063]	[0.0078J]	[0.0069]	0.006U	0.006U	0.006U
ARSENIC	0.025(S)	mg/L	0.003U	0.0027U	0.002J	0.0033	0.0012J	0.0011J
BARIUM	1(S)	mg/L	0.0688	0.072J	0.0694	0.074	0.0678	0.382
BERYLLIUM	0.003(G)	mg/L	0.001U	0.00023U	0.001U	0.001U	0.001U	0.001U
BORON	1(S)	mg/L	0.0556J	0.056J	0.0493J	0.0599J	0.1U	NA
CADMIUM	0.005(S)	mg/L	0.001U	0.00017J	0.001U	0.001U	0.001U	0.001U
CALCIUM	NC	mg/L	750	730	738	849	763	1230J
CHROMIUM	0.05(S)	mg/L	0.0101	0.018	0.0024J	0.012U	0.0078J	0.0154
COBALT	NC	mg/L	0.0071	0.003J	0.0064	0.0033J	0.0031J	0.0018J
COPPER	0.2(S)	mg/L	0.0031J	0.0027U	0.0027J	0.0035J	0.0021J	0.011
CYANIDE	0.2(S)	mg/L	0.010U	0.0015U	0.010U	0.010U	0.010U	0.010UJ
IRON	0.3(S)	mg/L	[2.88]	[2.4J]	[1.96]	[2.46]	[2.05]	0.202
LEAD	0.025(S)	mg/L	0.003U	0.0014J	0.003U	0.003U	0.003U	0.003U
MAGNESIUM	35(G)	mg/L	[38.7]	[44]	[48.7]	[57J]	[45.6]	[39.2]
MANGANESE	0.3(S)	mg/L	[0.833]	[0.83]	[0.939]	[0.969J]	[0.871]	0.132
MERCURY	0.0007(S)	mg/L	3.58E-06	7.8e-007J	0.0000026	0.0000031J	0.0000030J	1.32E-05
NICKEL	NC	mg/L	0.0082J	0.0092J	0.0106	0.01U	0.0101	0.0136
POTASSIUM	NC	mg/L	37.6	30	29.6	30.2	32.3J	32.5
SELENIUM	0.01(S)	mg/L	[0.015]	0.003U	0.02U	0.0035J	0.0044J	0.01U
SILVER	0.05(S)	mg/L	0.003U	0.00068U	0.0035	0.003U	0.0027J	0.003U
SODIUM	20(S)	mg/L	[580]	[630]	[474]	[567]	[533]	[660]
THALLIUM	0.0005(G)	mg/L	0.01U	[0.0035J]	0.01U	0.006U	0.01U	0.01U
VANADIUM	NC	mg/L	0.005U	0.0019U	0.005U	0.0012J	0.002J	0.005U
ZINC	2(G)	mg/L	0.01U	0.02U	0.0104R	0.0162R	0.003J	0.01U
HEXAVALENT CHROMIUM	0.05(S)	mg/L	0.0055U	0.0056U	0.0055U	0.0055U	0.0055U	0.0055U

Notes:

U - Non detect; J - estimated value; R - rejected value;

EMPC - estimated maximum possible concentration; K - congener estimated maximum possible concentration.

NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 15
Honeywell
SCA Hydrogeologic Investigation
Intermediate Monitoring Wells
Methods 6010/9012/7199/1631 Inorganic Compound Data

	Field Sample ID	SCA-0013-02	SCA-0015-04	SCA-0030-02	SCA-0043-02	SCA-0051-02	SCA-0056-08	
	Location	SB915-MW-92I	SB915-MW-92I	SB915-MW-92I	SB915-MW-92I	SB915-MW-92I	SB915-MW-92I	
	Sample Date	6/29/2011	9/20/2011	12/9/2011	3/22/2012	5/16/2012	7/17/2012	
	Sample Depth	69-79 FT	69-79 FT	69-79 FT	69-79 FT	69-79 FT	69-79 FT	
	New York State Class GA Standards	Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	
Parameter Name	Units							
ALUMINUM	NC	mg/L	0.6	0.2U	0.25	0.209	0.0557J	0.2U
ANTIMONY	0.003(G)	mg/L	0.006U	[0.0074]	0.0013U	[0.008]	0.006U	0.006U
ARSENIC	0.025(S)	mg/L	0.0011J	0.003U	0.0027U	0.006U	0.0017J	0.003U
BARIUM	1(S)	mg/L	0.182	0.304	0.24	0.227	0.267	0.237
BERYLLIUM	0.003(G)	mg/L	0.001U	0.001U	0.00023U	0.001U	0.001U	0.001U
BORON	1(S)	mg/L	0.1U	0.0324J	0.037J	0.0309J	0.1U	0.04J
CADMIUM	0.005(S)	mg/L	0.001U	0.001U	[0.005U]	0.001U	0.001U	0.001U
CALCIUM	NC	mg/L	696	997	970	818	970	836
CHROMIUM	0.05(S)	mg/L	0.0142	0.0068	0.025	0.0133	0.0053R	0.004U
COBALT	NC	mg/L	0.0011J	0.0068	0.00054J	0.0069	0.0025J	0.0019J
COPPER	0.2(S)	mg/L	0.004J	0.01U	0.0027U	0.0038J	0.0034J	0.01U
CYANIDE	0.2(S)	mg/L	0.010U	0.010UJ	0.0015U	0.010U	0.010U	0.010J
IRON	0.3(S)	mg/L	0.292	0.284	[0.31]	[0.455]	0.152	0.11J
LEAD	0.025(S)	mg/L	0.0021J	0.006U	0.0013U	0.006U	0.006U	0.003U
MAGNESIUM	35(G)	mg/L	21.6	27.8	29	28.8	32.1J	27.4J
MANGANESE	0.3(S)	mg/L	[0.472]	0.184	0.27	0.21	0.151J	0.0975J
MERCURY	0.0007(S)	mg/L	5.58E-05	5.96E-05	2.50E-05	0.0000407	0.000046.	0.0000213
NICKEL	NC	mg/L	0.0153	0.0169J	0.021J	0.0242	0.0069J	0.01U
POTASSIUM	NC	mg/L	24.1	38.4	31	28.6	33.3	30.3J
SELENIUM	0.01(S)	mg/L	[0.014]	[0.0213]	0.003U	0.0038J	0.01U	0.004J
SILVER	0.05(S)	mg/L	0.003U	0.0008J	0.00068U	0.0036	0.0207	0.003U
SODIUM	20(S)	mg/L	[410]	[712]	[670J]	[437]	[597]	[561]
THALLIUM	0.0005(G)	mg/L	0.01U	0.004U	0.0024U	0.01U	0.002U	0.01U
VANADIUM	NC	mg/L	0.005U	0.005U	0.0019U	0.0006J	0.0011J	0.0012J
ZINC	2(G)	mg/L	0.0139	0.01U	0.004J	0.0103R	0.0163R	0.01U
HEXAVALENT CHROMIUM	0.05(S)	mg/L	0.0055U	0.0055U	0.011U	0.0055U	0.0055U	0.0055R

Notes:

U - Non detect; J - estimated value; R - rejected value;

EMPC - estimated maximum possible concentration; K - congener estimated maximum possible concentration.

NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 15
Honeywell
SCA Hydrogeologic Investigation
Intermediate Monitoring Wells
Methods 6010/9012/7199/1631 Inorganic Compound Data

Parameter Name	New York State Class GA Standards	Field Sample ID	SCA-0014-02	SCA-0033-02	SCA-0041-02	SCA-0049-02	SCA-0054-04
		Location	SB915-MW-93I	SB915-MW-93I	SB915-MW-93I	SB915-MW-93I	SB915-MW-93I
		Sample Date	9/19/2011	12/14/2011	3/20/2012	5/14/2012	7/13/2012
		Sample Depth	39-49 FT	39-49 FT	39-49 FT	39-49 FT	39-49 FT
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Units					
ALUMINUM	NC	mg/L	0.294	1.1J	1.49	0.459J	0.198J
ANTIMONY	0.003(G)	mg/L	[0.007]	[0.0098J]	0.006U	0.006U	0.006U
ARSENIC	0.025(S)	mg/L	0.003U	0.0027U	0.0016J	0.0013J	0.003U
BARIUM	1(S)	mg/L	0.151	0.12J	0.121	0.114	0.111
BERYLLIUM	0.003(G)	mg/L	0.001U	0.00023U	0.001U	0.001U	0.001U
BORON	1(S)	mg/L	NA	0.074J	0.0712J	0.0633J	0.1U
CADMIUM	0.005(S)	mg/L	0.001U	0.005U	0.001U	0.001U	0.001U
CALCIUM	NC	mg/L	811J	860	881	767	796
CHROMIUM	0.05(S)	mg/L	0.0067	0.0054J	0.0123	0.0057R	0.0032J
COBALT	NC	mg/L	0.0085	0.0047J	0.0053	0.0047	0.0049
COPPER	0.2(S)	mg/L	0.01U	0.0062J	0.01U	0.0123	0.0038J
CYANIDE	0.2(S)	mg/L	0.010UJ	0.0015U	0.010U	0.010U	0.010U
IRON	0.3(S)	mg/L	[0.863]	[1.5J]	[2.47]	[0.998]	[0.818]
LEAD	0.025(S)	mg/L	0.0018J	0.0063U	0.0027J	0.003U	0.003U
MAGNESIUM	35(G)	mg/L	[68.8]	[70]	[69.6]	[58.9J]	[59.7]
MANGANESE	0.3(S)	mg/L	[1.27]	[1.3]	[1.36]	[1.26J]	[1.26]
MERCURY	0.0007(S)	mg/L	7.20E-07	2.4e-006J	0.0000031	0.0000021J	0.0000023
NICKEL	NC	mg/L	0.0128	0.0049J	0.01U	0.0094J	0.0082J
POTASSIUM	NC	mg/L	36.3	34	31.5	31.8	32.2
SELENIUM	0.01(S)	mg/L	[0.0177]	0.003U	[0.0132]	[0.0105]	0.0032J
SILVER	0.05(S)	mg/L	0.003U	0.00068U	0.003U	0.0023J	0.003U
SODIUM	20(S)	mg/L	[507]	[460]	[467]	[431]	[464]
THALLIUM	0.0005(G)	mg/L	0.004U	[0.0034J]	0.006U	0.002U	0.01U
VANADIUM	NC	mg/L	0.005U	0.0019U	0.005U	0.0022J	0.0027J
ZINC	2(G)	mg/L	0.0053J	0.02U	0.0496J	0.044J	0.01U
HEXAVALENT CHROMIUM	0.05(S)	mg/L	0.0055U	0.011U	0.0055U	0.0055U	0.0055U

Notes:

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NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 16
Honeywell
SCA Hydrogeologic Investigation
Intermediate Monitoring Wells
Other Data

		Field Sample ID	SCA-0001-03	SCA-0008-05	SCA-0024-01	SCA-0027-02	SCA-0035-02	SCA-0044-03
		Location	SB915-MW-87I	SB915-MW-87I	SB915-MW-87I	SB915-MW-87I	SB915-MW-87I	SB915-MW-87I
		Sample Date	3/10/2011	6/22/2011	9/27/2011	12/6/2011	3/12/2012	5/7/2012
	New York State	Sample Depth	64-74 FT	64-74 FT	64-74 FT	64-74 FT	64-74 FT	64-74 FT
	Class GA	Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
Parameter Name	Standards	Units						
ALKALINITY, TOTAL (AS CaCO3)	NC	mg/L	207J	200	204	NA	152	203J
TOTAL ALKALINITY	NC	mg/L	NA	NA	NA	200	NA	NA
BICARBONATE ALKALINITY	NC	mg/L	NA	NA	NA	NA	92.3	NA
BICARBONATE ALKALINITY AS CaCO3	NC	mg/L	NA	NA	NA	200	NA	202J
CARBONATE ALKALINITY	NC	mg/L	NA	NA	NA	NA	NA	NA
ALKALINITY, CARBONATE (AS CaCO3)	NC	mg/L	NA	NA	NA	0.41U	0.020J	5.0U
BIOCHEMICAL OXYGEN DEMAND, FIVE DAY	NC	mg/L	2.0U	3.4U	1.8J	0.79U	3.4U	1.8J
BROMIDE	2(G)	mg/L	0.95J	4.0U	[2.8J]	0.52	[4.2]	[5.1J]
CHLORIDE	250	mg/L	[1050]	[1220]	[1110]	[1200]	[1280]	[1310]
CHEMICAL OXYGEN DEMAND	NC	mg/L	9.8J	12.7J	15.4J	73J	33.6	22.1
HARDNESS (AS CaCO3)	NC	mg/L	39000	975	1270	1200	1130	1200
NITROGEN, AMMONIA (AS N)	NC	mg/L	1.2	1.5	1.1	1.7	0.8	1.4
NITROGEN, KJELDAHL, TOTAL	NC	mg/L	1.1J	1.3J	0.90J	2.8J	0.20R	1.9J
NITRATE	10(S)	mg/L	NA	NA	NA	NA	0.11U	0.11U
NITROGEN, NITRATE (AS N)	10(S)	mg/L	0.11U	0.11U	0.11U	0.11U	NA	NA
NITRITE	1(S)	mg/L	NA	NA	NA	NA	0.010U	NA
NITROGEN, NITRITE	10(S)	mg/L	0.010U	0.010U	0.0010J	NA	NA	0.010U
NITROGEN, NITRATE-NITRITE	10(S)	mg/L	0.10U	0.10U	0.10U	NA	0.10U	0.10U
SULFATE	250	mg/L	[263]	[338]	[275]	240	248	248
TOTAL ORGANIC CARBON	NC	mg/L	1.0U	1U	0.79J	1U	0.52J	1.0U
TOTAL DISSOLVED SOLIDS	NC	mg/L	2680	3030	2820	2800	3050	3390
TOTAL PHENOLS	0.001(S)	mg/L	0.20U	0.20UJ	0.20U	0.0062U	0.20U	0.20U

Notes:

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EMPC - estimated maximum possible concentration; K - congener estimated maximum possible concentration.

NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 16
Honeywell
SCA Hydrogeologic Investigation
Intermediate Monitoring Wells
Other Data

Parameter Name	New York State Class GA Standards	Field Sample ID	SCA-0052-04	SCA-0002-02	SCA-0009-02	SCA-0026-02	SCA-0029-02	SCA-0036-02
		Location	SB915-MW-87I	SB915-MW-88I	SB915-MW-88I	SB915-MW-88I	SB915-MW-88I	SB915-MW-88I
		Sample Date	7/11/2012	3/11/2011	6/23/2011	9/28/2011	12/8/2011	3/13/2012
		Sample Depth	64-74 FT	42-52 FT	42-52 FT	42-52 FT	42-52 FT	42-52 FT
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Units						
ALKALINITY, TOTAL (AS CaCO3)	NC	mg/L	218	82.3J	67	53	NA	59.5
TOTAL ALKALINITY	NC	mg/L	NA	NA	NA	NA	54	NA
BICARBONATE ALKALINITY	NC	mg/L	NA	NA	NA	NA	NA	59.5
BICARBONATE ALKALINITY AS CaCO3	NC	mg/L	218	NA	NA	NA	54	NA
CARBONATE ALKALINITY	NC	mg/L	NA	NA	NA	NA	NA	NA
ALKALINITY, CARBONATE (AS CaCO3)	NC	mg/L	5.0U	NA	NA	NA	0.41U	5U
BIOCHEMICAL OXYGEN DEMAND, FIVE DAY	NC	mg/L	3.4U	13.7	3.4J	8.1J	12	5.3J
BROMIDE	2(G)	mg/L	[2.1J]	[2.3J]	[21.6J]	[7.6J]	[2.3]	[9.8J]
CHLORIDE	250	mg/L	[1200]	[3460]	[6460]	[4480]	[4700]	[4910]
CHEMICAL OXYGEN DEMAND	NC	mg/L	24.7J	24.6J	332J	101	180J	333
HARDNESS (AS CaCO3)	NC	mg/L	1140	5350	5630	5170	4600	5010
NITROGEN, AMMONIA (AS N)	NC	mg/L	1.3	26.4	29.3	24.5	33	25.4
NITROGEN, KJELDAHL, TOTAL	NC	mg/L	2.4J	28.2J	23.8	40.9	31	1.9J
NITRATE	10(S)	mg/L	NA	NA	NA	NA	NA	0.11U
NITROGEN, NITRATE (AS N)	10(S)	mg/L	NA	0.12J	0.018J	0.018J	0.43U	NA
NITRITE	1(S)	mg/L	NA	NA	NA	NA	NA	0.010U
NITROGEN, NITRITE	10(S)	mg/L	0.010U	0.010U	0.010U	0.010U	NA	NA
NITROGEN, NITRATE-NITRITE	10(S)	mg/L	NA	0.12J	0.018J	0.018J	NA	0.10U
SULFATE	250	mg/L	[267]	31.6	28.8	8.5J	10U	50.3
TOTAL ORGANIC CARBON	NC	mg/L	1.0U	3.1	4.8J	4.4	3.0J	3.6
TOTAL DISSOLVED SOLIDS	NC	mg/L	2740	6550	11000	7970	6500	10100
TOTAL PHENOLS	0.001(S)	mg/L	0.2U	0.20U	[0.27J]	0.20U	0.0062U	0.20U

Notes:

U - Non detect; J - estimated value; R - rejected value;

EMPC - estimated maximum possible concentration; K - congener estimated maximum possible concentration.

NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 16
Honeywell
SCA Hydrogeologic Investigation
Intermediate Monitoring Wells
Other Data

Parameter Name	New York State Class GA Standards	Field Sample ID	SCA-0045-02	SCA-0053-02	SCA-0003-02	SCA-0010-02	SCA-0022-03	SCA-0031-02
		Location	SB915-MW-88I	SB915-MW-88I	SB915-MW-89I	SB915-MW-89I	SB915-MW-89I	SB915-MW-89I
		Sample Date	5/8/2012	7/12/2012	3/14/2011	6/24/2011	9/26/2011	12/12/2011
		Sample Depth	42-52 FT	42-52 FT	43-53 FT	43-53 FT	43-53 FT	43-53 FT
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Units						
ALKALINITY, TOTAL (AS CaCO3)	NC	mg/L	54.8	64.2	84.0J	334	92.8	NA
TOTAL ALKALINITY	NC	mg/L	NA	NA	NA	NA	NA	83
BICARBONATE ALKALINITY	NC	mg/L	NA	NA	NA	NA	NA	NA
BICARBONATE ALKALINITY AS CaCO3	NC	mg/L	54.6	64.1	NA	NA	NA	83
CARBONATE ALKALINITY	NC	mg/L	NA	NA	NA	NA	NA	NA
ALKALINITY, CARBONATE (AS CaCO3)	NC	mg/L	5.0U	5.0U	NA	NA	NA	0.41U
BIOCHEMICAL OXYGEN DEMAND, FIVE DAY	NC	mg/L	5.0U	5.0U	0.94J	5.0U	2.2J	0.79U
BROMIDE	2(G)	mg/L	[8.2]	[3.7J]	[2.9J]	[8.9J]	[6.0J]	1.5
CHLORIDE	250	mg/L	[4840]	[4470]	[3770]	[2310]	[3070]	[3300]
CHEMICAL OXYGEN DEMAND	NC	mg/L	43.5	69.5J	27.1J	25.0J	283	170J
HARDNESS (AS CaCO3)	NC	mg/L	4870	3980	3390	1910	4140	3200
NITROGEN, AMMONIA (AS N)	NC	mg/L	27.5	36.2	5.6	4.8	5.2	7.9
NITROGEN, KJELDAHL, TOTAL	NC	mg/L	232	49.8J	6.4J	4.0J	4.7J	8.4
NITRATE	10(S)	mg/L	0.0067J	NA	NA	NA	NA	NA
NITROGEN, NITRATE (AS N)	10(S)	mg/L	NA	NA	0.019J	0.11U	0.11U	0.21U
NITRITE	1(S)	mg/L	NA	NA	NA	NA	NA	NA
NITROGEN, NITRITE	10(S)	mg/L	0.010U	0.010U	0.010U	0.010U	0.018	NA
NITROGEN, NITRATE-NITRITE	10(S)	mg/L	0.0067J	NA	0.019J	0.10U	0.1U	NA
SULFATE	250	mg/L	27.9	28.4	52.3	93.3	66.8	49
TOTAL ORGANIC CARBON	NC	mg/L	5.2J	5.3J	1.8	1.8J	2.1	1.4
TOTAL DISSOLVED SOLIDS	NC	mg/L	8420	9150	6600	4360	6580	5200
TOTAL PHENOLS	0.001(S)	mg/L	0.20U	0.2U	0.20U	0.2UJ	0.20U	0.0062U

Notes:

U - Non detect; J - estimated value; R - rejected value;

EMPC - estimated maximum possible concentration; K - congener estimated maximum possible concentration.

NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 16
Honeywell
SCA Hydrogeologic Investigation
Intermediate Monitoring Wells
Other Data

	Field Sample ID	SCA-0039-02	SCA-0046-02	SCA-0055-05	SCA-0004-05	SCA-0011-01	SCA-0020-01	
	Location	SB915-MW-89I	SB915-MW-89I	SB915-MW-89I	SB915-MW-90I	SB915-MW-90I	SB915-MW-90I	
	Sample Date	3/16/2012	5/9/2012	7/14/2012	3/15/2011	6/27/2011	9/23/2011	
	Sample Depth	43-53 FT	43-53 FT	43-53 FT	42-52 FT	42-52 FT	42-52 FT	
	New York State Class GA Standards	Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	
Parameter Name	Units							
ALKALINITY, TOTAL (AS CaCO3)	NC	mg/L	86.3	75.5J	123	55.6	44.3	44.5J
TOTAL ALKALINITY	NC	mg/L	NA	NA	NA	NA	NA	NA
BICARBONATE ALKALINITY	NC	mg/L	5.6	NA	NA	NA	NA	NA
BICARBONATE ALKALINITY AS CaCO3	NC	mg/L	NA	80.6J	123	NA	NA	NA
CARBONATE ALKALINITY	NC	mg/L	NA	NA	NA	NA	NA	NA
ALKALINITY, CARBONATE (AS CaCO3)	NC	mg/L	5U	5.0U	5.0U	NA	NA	NA
BIOCHEMICAL OXYGEN DEMAND, FIVE DAY	NC	mg/L	3.4U	2.1J	0.81J	6.3	2.8J	4.1J
BROMIDE	2(G)	mg/L	[7.4J]	[6.3]	[3.1]	[3.0J]	[14.1]	[7.0J]
CHLORIDE	250	mg/L	[2980]	[2970]	[2920]	[3490]	[4270]	[3620]
CHEMICAL OXYGEN DEMAND	NC	mg/L	20	10.2J	50	15.0J	26.8	20
HARDNESS (AS CaCO3)	NC	mg/L	2710	2680	2600	3120	2950J	2960J
NITROGEN, AMMONIA (AS N)	NC	mg/L	7.3	8.1	6.4J	7	9.7	6.3
NITROGEN, KJELDAHL, TOTAL	NC	mg/L	6.1J	38.1	5.1J	7	9.6	8.8J
NITRATE	10(S)	mg/L	NA	0.11U	NA	NA	NA	NA
NITROGEN, NITRATE (AS N)	10(S)	mg/L	NA	NA	0.099J	0.11U	0.11U	0.11U
NITRITE	1(S)	mg/L	0.010U	NA	NA	NA	NA	NA
NITROGEN, NITRITE	10(S)	mg/L	NA	0.010U	0.0011J	0.010U	0.010U	0.010U
NITROGEN, NITRATE-NITRITE	10(S)	mg/L	NA	0.10U	0.10J	0.10U	0.10U	0.10U
SULFATE	250	mg/L	68.8	65.9	65.6	137	145	128
TOTAL ORGANIC CARBON	NC	mg/L	1.8	1.8J	2.0J	1U	1.3	1.5
TOTAL DISSOLVED SOLIDS	NC	mg/L	4650J	5930J	5350	5690	7100	6940
TOTAL PHENOLS	0.001(S)	mg/L	0.2U	0.20U	0.20U	0.20U	0.20U	0.2U

Notes:

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NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 16
Honeywell
SCA Hydrogeologic Investigation
Intermediate Monitoring Wells
Other Data

		Field Sample ID	SCA-0032-02	SCA-0040-02	SCA-0047-02	SCA-0056-06	SCA-0006-03	SCA-0012-03
		Location	SB915-MW-90I	SB915-MW-90I	SB915-MW-90I	SB915-MW-90I	SB915-MW-91I	SB915-MW-91I
		Sample Date	12/13/2011	3/19/2012	5/10/2012	7/17/2012	3/17/2011	6/28/2011
		Sample Depth	42-52 FT	42-52 FT	42-52 FT	42-52 FT	115-125 FT	115-125 FT
	New York State	Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
Parameter Name	Class GA Standards	Units						
ALKALINITY, TOTAL (AS CaCO3)	NC	mg/L	NA	54.7	52.9J	57	136	150
TOTAL ALKALINITY	NC	mg/L	48	NA	NA	NA	NA	NA
BICARBONATE ALKALINITY	NC	mg/L	NA	54.5	NA	NA	136	NA
BICARBONATE ALKALINITY AS CaCO3	NC	mg/L	48	NA	52.8J	56.9	NA	NA
CARBONATE ALKALINITY	NC	mg/L	NA	NA	NA	NA	0.23J	NA
ALKALINITY, CARBONATE (AS CaCO3)	NC	mg/L	0.41U	5U	5.0U	5.0U	NA	NA
BIOCHEMICAL OXYGEN DEMAND, FIVE DAY	NC	mg/L	0.79U	5.0U	3.0J	1.1J	3.4U	6.8
BROMIDE	2(G)	mg/L	1.9U	[8.7J]	[7.6J]	[5.0J]	1.8	[8.2J]
CHLORIDE	250	mg/L	[3600]	[3430]	[3680]	[3400]	[2590]	[2350]
CHEMICAL OXYGEN DEMAND	NC	mg/L	240J	17.5J	25.6J	65.3J	55.4	19.2J
HARDNESS (AS CaCO3)	NC	mg/L	3100	3060	3290	3030	3040J	2230J
NITROGEN, AMMONIA (AS N)	NC	mg/L	7.1J	6.8	6.3	8.3J	1.3	1.4
NITROGEN, KJELDAHL, TOTAL	NC	mg/L	8.7	7.0J	9.4J	6.9J	1.2	1.5J
NITRATE	10(S)	mg/L	NA	NA	0.11U	NA	0.11U	NA
NITROGEN, NITRATE (AS N)	10(S)	mg/L	0.43U	NA	NA	0.11U	NA	0.11U
NITRITE	1(S)	mg/L	NA	0.0059J	NA	NA	0.010U	NA
NITROGEN, NITRITE	10(S)	mg/L	NA	NA	0.014	0.023	NA	0.010U
NITROGEN, NITRATE-NITRITE	10(S)	mg/L	NA	NA	0.10U	0.10U	0.10U	0.10U
SULFATE	250	mg/L	130	145	139	129	199	196
TOTAL ORGANIC CARBON	NC	mg/L	1U	1	1.2	1.0R	0.64J	1.1
TOTAL DISSOLVED SOLIDS	NC	mg/L	6900	6450	6290	6710	4440	4110
TOTAL PHENOLS	0.001(S)	mg/L	[0.0062J]	0.2U	0.20U	0.20U	0.20U	0.20U

Notes:

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NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 16
Honeywell
SCA Hydrogeologic Investigation
Intermediate Monitoring Wells
Other Data

		Field Sample ID	SCA-0018-04	SCA-0028-03	SCA-0042-03	SCA-0050-03	SCA-0057-01	SCA-0005-02
		Location	SB915-MW-911	SB915-MW-911	SB915-MW-911	SB915-MW-911	SB915-MW-911	SB915-MW-921
		Sample Date	9/22/2011	12/7/2011	3/21/2012	5/15/2012	7/18/2012	3/16/2011
	New York State	Sample Depth	115-125 FT	115-125 FT	115-125 FT	115-125 FT	115-125 FT	69-79 FT
Parameter Name	Class GA	Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
	Standards	Units						
ALKALINITY, TOTAL (AS CaCO3)	NC	mg/L	133	NA	135	149	147	113
TOTAL ALKALINITY	NC	mg/L	NA	150	NA	NA	NA	NA
BICARBONATE ALKALINITY	NC	mg/L	NA	NA	NA	NA	NA	113
BICARBONATE ALKALINITY AS CaCO3	NC	mg/L	NA	150	135	149	147	NA
CARBONATE ALKALINITY	NC	mg/L	NA	NA	NA	NA	NA	0.29J
ALKALINITY, CARBONATE (AS CaCO3)	NC	mg/L	NA	0.41U	5U	5.0U	5.0U	NA
BIOCHEMICAL OXYGEN DEMAND, FIVE DAY	NC	mg/L	5.0U	0.79U	3.4U	3.4U	3.4U	3.6
BROMIDE	2(G)	mg/L	[4.1]	0.95U	[6.5]	[8.6]	[6.9]	[2.3]
CHLORIDE	250	mg/L	[2120]	[2400]	[2320]	[2410]	[2300]	[3280]
CHEMICAL OXYGEN DEMAND	NC	mg/L	80.0J	120J	53.8	30.4J	48.7J	30
HARDNESS (AS CaCO3)	NC	mg/L	1880	2400	3360	3720J	2170	3610J
NITROGEN, AMMONIA (AS N)	NC	mg/L	1	1.5	1.1	1.4	1.2	1.2
NITROGEN, KJELDAHL, TOTAL	NC	mg/L	1.2	2.8J	1.4	1.7J	0.87J	1.2
NITRATE	10(S)	mg/L	NA	NA	NA	0.11U	NA	0.58
NITROGEN, NITRATE (AS N)	10(S)	mg/L	0.11U	0.21U	NA	NA	NA	NA
NITRITE	1(S)	mg/L	NA	NA	0.010J	NA	NA	0.028
NITROGEN, NITRITE	10(S)	mg/L	0.010U	NA	NA	0.010U	0.010U	NA
NITROGEN, NITRATE-NITRITE	10(S)	mg/L	0.10U	NA	NA	0.10U	NA	0.61
SULFATE	250	mg/L	220	190	219	224	195	179
TOTAL ORGANIC CARBON	NC	mg/L	1.2	1UJ	1U	1.0U	1.0R	2.6
TOTAL DISSOLVED SOLIDS	NC	mg/L	4500	4400	4100	5070	3990	5150
TOTAL PHENOLS	0.001(S)	mg/L	0.2U	0.0062U	0.2U	0.20U	0.20U	0.20U

Notes:

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EMPC - estimated maximum possible concentration; K - congener estimated maximum possible concentration.

NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 16
Honeywell
SCA Hydrogeologic Investigation
Intermediate Monitoring Wells
Other Data

	Field Sample ID	SCA-0013-02	SCA-0015-04	SCA-0030-02	SCA-0043-02	SCA-0051-02	SCA-0056-08	
	Location	SB915-MW-92I	SB915-MW-92I	SB915-MW-92I	SB915-MW-92I	SB915-MW-92I	SB915-MW-92I	
	Sample Date	6/29/2011	9/20/2011	12/9/2011	3/22/2012	5/16/2012	7/17/2012	
	Sample Depth	69-79 FT	69-79 FT	69-79 FT	69-79 FT	69-79 FT	69-79 FT	
	New York State Class GA Standards	Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	
Parameter Name	Units							
ALKALINITY, TOTAL (AS CaCO3)	NC	mg/L	107	101	NA	152	135	169
TOTAL ALKALINITY	NC	mg/L	NA	NA	140	NA	NA	NA
BICARBONATE ALKALINITY	NC	mg/L	NA	NA	NA	NA	NA	NA
BICARBONATE ALKALINITY AS CaCO3	NC	mg/L	NA	NA	140	151	134	168
CARBONATE ALKALINITY	NC	mg/L	NA	NA	NA	NA	NA	NA
ALKALINITY, CARBONATE (AS CaCO3)	NC	mg/L	NA	NA	0.41U	5U	5.0U	5.0U
BIOCHEMICAL OXYGEN DEMAND, FIVE DAY	NC	mg/L	13	14.8	4	3.0J	3.4U	3.6J
BROMIDE	2(G)	mg/L	[7.9J]	[8.4]	1	[5.5J]	[11.2J]	[4.6J]
CHLORIDE	250	mg/L	[2100]	[2790]	[2700]	[2140]	[2950]	[2250]
CHEMICAL OXYGEN DEMAND	NC	mg/L	70.8	72.4	170J	38.4	71.1	37.5J
HARDNESS (AS CaCO3)	NC	mg/L	2640J	2650	2500	2630	2790J	2390
NITROGEN, AMMONIA (AS N)	NC	mg/L	1.6	2	1.9	1.2	1.6	1.5
NITROGEN, KJELDAHL, TOTAL	NC	mg/L	2.2	2.4	3.9J	0.76	0.69	1.2J
NITRATE	10(S)	mg/L	NA	NA	NA	0.81	0.81J	NA
NITROGEN, NITRATE (AS N)	10(S)	mg/L	0.65J	0.61	0.69	NA	NA	0.64J
NITRITE	1(S)	mg/L	NA	NA	NA	0.018	NA	NA
NITROGEN, NITRITE	10(S)	mg/L	0.015	0.024	NA	NA	0.014	0.011
NITROGEN, NITRATE-NITRITE	10(S)	mg/L	0.66J	0.63	NA	0.83	0.82J	0.65J
SULFATE	250	mg/L	189	192	160	167	157	184
TOTAL ORGANIC CARBON	NC	mg/L	2.6	4.8	2.7J	3.1	3.4J	1.0R
TOTAL DISSOLVED SOLIDS	NC	mg/L	4510	5420	4800	3860	5520	4350
TOTAL PHENOLS	0.001(S)	mg/L	0.20U	0.2U	0.0062U	0.2U	0.20U	0.20U

Notes:

U - Non detect; J - estimated value; R - rejected value;

EMPC - estimated maximum possible concentration; K - congener estimated maximum possible concentration.

NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 16
Honeywell
SCA Hydrogeologic Investigation
Intermediate Monitoring Wells
Other Data

		Field Sample ID	SCA-0014-02	SCA-0033-02	SCA-0041-02	SCA-0049-02	SCA-0054-04
		Location	SB915-MW-93I	SB915-MW-93I	SB915-MW-93I	SB915-MW-93I	SB915-MW-93I
		Sample Date	9/19/2011	12/14/2011	3/20/2012	5/14/2012	7/13/2012
		Sample Depth	39-49 FT	39-49 FT	39-49 FT	39-49 FT	39-49 FT
	New York State	Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
Parameter Name	Class GA	Units					
	Standards						
ALKALINITY, TOTAL (AS CaCO3)	NC	mg/L	135	NA	152	151	154
TOTAL ALKALINITY	NC	mg/L	NA	150	NA	NA	NA
BICARBONATE ALKALINITY	NC	mg/L	135	NA	NA	NA	NA
BICARBONATE ALKALINITY AS CaCO3	NC	mg/L	NA	150	153	151	160
CARBONATE ALKALINITY	NC	mg/L	0.37J	NA	NA	NA	NA
ALKALINITY, CARBONATE (AS CaCO3)	NC	mg/L	NA	0.41U	5U	5.0U	5.0U
BIOCHEMICAL OXYGEN DEMAND, FIVE DAY	NC	mg/L	4.0J	0.79U	5.0U	3.4U	3.4U
BROMIDE	2(G)	mg/L	[4.8J]	0.95U	[7.0J]	[10.5J]	[3.1J]
CHLORIDE	250	mg/L	[2100J]	[2400]	[2020]	[2250]	[2410]
CHEMICAL OXYGEN DEMAND	NC	mg/L	35.6	160J	47.4	43	66.7
HARDNESS (AS CaCO3)	NC	mg/L	2470	2500	2970	2420J	2390
NITROGEN, AMMONIA (AS N)	NC	mg/L	0.67	3.8J	4.7	4.9	5.2
NITROGEN, KJELDAHL, TOTAL	NC	mg/L	5.3	5.5	4.7J	4.4J	5.4J
NITRATE	10(S)	mg/L	NA	NA	NA	0.11U	0.11U
NITROGEN, NITRATE (AS N)	10(S)	mg/L	0.11U	0.21U	NA	NA	NA
NITRITE	1(S)	mg/L	NA	NA	0.010U	NA	NA
NITROGEN, NITRITE	10(S)	mg/L	0.010U	NA	NA	0.010U	0.010U
NITROGEN, NITRATE-NITRITE	10(S)	mg/L	0.10U	NA	NA	0.10U	0.10U
SULFATE	250	mg/L	133	130	145	138	145
TOTAL ORGANIC CARBON	NC	mg/L	1.1	1.1	1	1.2R	1.2R
TOTAL DISSOLVED SOLIDS	NC	mg/L	4990	4300	4990	4640J	5280
TOTAL PHENOLS	0.001(S)	mg/L	0.20U	0.0062U	0.2U	0.20U	0.20U

Notes:

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NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 17
Honeywell
SCA Hydrogeologic Investigation
Intermediate Monitoring Wells
Method 8290 Dioxin/Furan Data

Parameter Name	New York State Class GA Standards	Field Sample ID	SCA-0001-03	SCA-0002-02	SCA-0003-02	SCA-0004-05	SCA-0006-03	SCA-0005-02
		Location	SB915-MW-87I	SB915-MW-88I	SB915-MW-89I	SB915-MW-90I	SB915-MW-91I	SB915-MW-92I
		Sample Date	3/10/2011	3/11/2011	3/14/2011	3/15/2011	3/17/2011	3/16/2011
		Sample Depth	64-74 FT	42-52 FT	43-53 FT	42-52 FT	115-125 FT	69-79 FT
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Units						
1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	NC	pg/L	51.0U	52.7U	50.7U	0.799EMPC	51.6UJ	51.3U
1,2,3,4,6,7,8-HPCDF	NC	pg/L	51.0U	52.7U	50.7U	54.0U	51.6UJ	51.3U
1,2,3,4,7,8,9-HPCDF	NC	pg/L	51.0U	52.7U	50.7U	54.0U	51.6UJ	51.3U
1,2,3,4,7,8-HXCDD	NC	pg/L	51.0U	52.7U	50.7U	54.0U	51.6UJ	51.3U
1,2,3,4,7,8-HXCDF	NC	pg/L	51.0U	52.7U	50.7U	54.0U	51.6UJ	51.3U
1,2,3,6,7,8-HXCDD	NC	pg/L	51.0U	52.7U	50.7U	54.0U	51.6UJ	51.3U
1,2,3,6,7,8-HXCDF	NC	pg/L	51.0U	52.7U	50.7U	54.0U	51.6UJ	51.3U
1,2,3,7,8,9-HXCDD	NC	pg/L	51.0U	52.7U	50.7U	54.0U	51.6UJ	51.3U
1,2,3,7,8,9-HXCDF	NC	pg/L	51.0U	52.7U	50.7U	54.0U	51.6UJ	51.3U
1,2,3,7,8-PECDD	NC	pg/L	51.0U	52.7U	50.7U	54.0U	51.6UJ	51.3U
1,2,3,7,8-PECDF	NC	pg/L	51.0U	52.7U	50.7U	54.0U	51.6UJ	51.3U
2,3,4,6,7,8-HXCDD	NC	pg/L	51.0U	52.7U	50.7U	54.0U	51.6UJ	51.3U
2,3,4,7,8-PECDF	NC	pg/L	51.0U	52.7U	50.7U	54.0U	51.6UJ	51.3U
2,3,7,8-TCDD	NC	pg/L	10.2U	10.5U	10.1U	10.8U	10.3UJ	10.3U
2,3,7,8-TCDF	NC	pg/L	10.2U	10.5U	10.1U	10.8U	10.3UJ	10.3U
OCDD	NC	pg/L	102U	105U	101U	1.71EMPC	103UJ	103U
OCDF	NC	pg/L	102U	105U	101U	108U	103UJ	103U
TOTAL HPCDD	NC	pg/L	51.0U	52.7U	50.7U	54.0U	51.6U	51.3U
Total HpCDD + EMPC	NC	pg/L	51.0U	52.7U	50.7U	2.66EMPC	51.6U	51.3U
TOTAL HPCDF	NC	pg/L	51.0U	52.7U	50.7U	54.0U	51.6U	51.3U
Total HpCDF + EMPC	NC	pg/L	51.0U	52.7U	50.7U	54.0U	51.6U	51.3U
TOTAL HXCDD	NC	pg/L	51.0U	52.7U	50.7U	54.0U	51.6U	51.3U
Total HxCDD + EMPC	NC	pg/L	51.0U	52.7U	50.7U	0.864EMPC	51.6U	51.3U
TOTAL HXCDF	NC	pg/L	51.0U	52.7U	50.7U	54.0U	51.6U	51.3U
Total HxCDF + EMPC	NC	pg/L	51.0U	52.7U	50.7U	54.0U	51.6U	51.3U
TOTAL PECDD	NC	pg/L	51.0U	52.7U	50.7U	54.0U	51.6U	51.3U
Total PeCDD + EMPC	NC	pg/L	51.0U	52.7U	50.7U	0.929EMPC	51.6U	51.3U
TOTAL PECDF	NC	pg/L	51.0U	52.7U	50.7U	54.0U	51.6U	51.3U
Total PeCDF + EMPC	NC	pg/L	51.0U	52.7U	50.7U	54.0U	51.6U	51.3U
TOTAL TCDD	NC	pg/L	10.2U	10.5U	10.1U	10.8U	10.3U	10.3U
Total TCDD + EMPC	NC	pg/L	10.2U	10.5U	10.1U	0.972EMPC	10.3U	10.3U
Total TCDF	NC	pg/L	10.2U	10.5U	10.1U	10.8U	10.3U	10.3U
Total TCDF + EMPC	NC	pg/L	10.2U	10.5U	10.1U	10.8U	10.3U	10.3U

Notes:

U - Non detect; J - estimated value; R - rejected value;

EMPC - estimated maximum possible concentration; K - congener estimated maximum possible concentration.

NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 17
Honeywell
SCA Hydrogeologic Investigation
Intermediate Monitoring Wells
Method 8290 Dioxin/Furan Data

Parameter Name	New York State Class GA Standards	Field Sample ID	SCA-0014-02
		Location	SB915-MW-93I
		Sample Date	9/19/2011
		Sample Depth	39-49 FT
		Sample Purpose	Regular sample
		Units	
1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	NC	pg/L	51.6U
1,2,3,4,6,7,8-HPCDF	NC	pg/L	51.6U
1,2,3,4,7,8,9-HPCDF	NC	pg/L	51.6U
1,2,3,4,7,8-HXCDD	NC	pg/L	51.6U
1,2,3,4,7,8-HXCDF	NC	pg/L	51.6U
1,2,3,6,7,8-HXCDD	NC	pg/L	51.6U
1,2,3,6,7,8-HXCDF	NC	pg/L	51.6U
1,2,3,7,8,9-HXCDD	NC	pg/L	51.6U
1,2,3,7,8,9-HXCDF	NC	pg/L	51.6U
1,2,3,7,8-PECDD	NC	pg/L	51.6U
1,2,3,7,8-PECDF	NC	pg/L	51.6U
2,3,4,6,7,8-HXCDF	NC	pg/L	51.6U
2,3,4,7,8-PECDF	NC	pg/L	51.6U
2,3,7,8-TCDD	NC	pg/L	10.3U
2,3,7,8-TCDF	NC	pg/L	10.3U
OCDD	NC	pg/L	103U
OCDF	NC	pg/L	103U
TOTAL HPCDD	NC	pg/L	51.6U
Total HpCDD + EMPC	NC	pg/L	51.6U
TOTAL HPCDF	NC	pg/L	51.6U
Total HpCDF + EMPC	NC	pg/L	51.6U
TOTAL HXCDD	NC	pg/L	51.6U
Total HxCDD + EMPC	NC	pg/L	51.6U
TOTAL HXCDF	NC	pg/L	51.6U
Total HxCDF + EMPC	NC	pg/L	51.6U
TOTAL PECDD	NC	pg/L	51.6U
Total PeCDD + EMPC	NC	pg/L	51.6U
TOTAL PECDF	NC	pg/L	51.6U
Total PeCDF + EMPC	NC	pg/L	51.6U
TOTAL TCDD	NC	pg/L	10.3U
Total TCDD + EMPC	NC	pg/L	10.3U
Total TCDF	NC	pg/L	10.3U
Total TCDF + EMPC	NC	pg/L	10.3U

Notes:

U - Non detect; J - estimated value; R - rejected value;

EMPC - estimated maximum possible concentration; K - congener estimated maximum possible concentration.

NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 18
Honeywell
SCA Hydrogeologic Investigation
Deep Monitoring Wells
Method 8260/8015 Volatile Organic Compound Data

Parameter Name	New York State Class GA Standards	Field Sample ID Location Sample Date Sample Depth Sample Purpose Units	SCA-0002-03 SB915-MW-88D 3/11/2011 59-69 FT Regular sample	SCA-0009-03 SB915-MW-88D 6/23/2011 59-69 FT Regular sample	SCA-0026-03 SB915-MW-88D 9/28/2011 59-69 FT Regular sample	SCA-0029-03 SB915-MW-88D 12/8/2011 59-69 FT Regular sample	SCA-0036-03 SB915-MW-88D 3/13/2012 59-69 FT Regular sample	SCA-0045-03 SB915-MW-88D 5/8/2012 59-69 FT Regular sample
1,1,1,2-TETRACHLOROETHANE	NC	µg/L	5.0U	5.0U	5.0U	0.68U	5.0U	5.0U
1,1,1-TRICHLOROETHANE	5(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
1,1,2,2-TETRACHLOROETHANE	5(S)	µg/L	1.0U	1.0U	1.0U	0.93U	1.0U	1.0U
1,1,2-TRICHLOROETHANE	1(S)	µg/L	1.0U	1.0U	1.0U	1.2U	1.0U	1.0U
1,1,2-TRICHLOROTRIFLUOROETHANE	NC	µg/L	NA	NA	NA	0.33U	NA	NA
1,1-DICHLOROETHANE	5(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
1,1-DICHLOROETHENE	5(S)	µg/L	1.0U	1.0U	1.0U	1.1U	1.0U	1.0U
1,1-DICHLOROPROPENE	NC	µg/L	5.0U	NA	NA	NA	NA	NA
1,2,3-TRICHLOROPROPANE	NC	µg/L	5.0U	5.0U	5.0U	1.6U	5.0U	5.0U
1,2,4-TRICHLOROENZENE	5(S)	µg/L	5.0U	NA	NA	0.38U	NA	NA
1,2-DIBROMO-3-CHLOROPROPANE	NC	µg/L	10U	10U	10U	0.35U	10U	10U
1,2-DIBROMOETHANE	5(S)	µg/L	2.0U	2.0U	2.0U	0.61U	2.0U	2.0U
1,2-DICHLOROBENZENE	3(S)	µg/L	[65.8]	NA	[48.7]	[54]	[65.5]	[56.6]
1,2-DICHLOROETHANE	0.6(S)	µg/L	1.0U	1.0U	1.0U	0.96U	1.0U	1.0U
1,2-DICHLOROETHENE (TOTAL)	5(S)	µg/L	NA	NA	NA	NA	NA	NA
1,2-DICHLOROPROPANE	1(S)	µg/L	1.0U	1.0U	1.0U	1.3U	1.0U	1.0U
1,3-DICHLOROBENZENE	3(S)	µg/L	0.81J	NA	NA	0.51U	NA	NA
1,3-DICHLOROPROPANE	NC	µg/L	5.0U	NA	NA	NA	NA	NA
1,4-DICHLOROBENZENE	3(S)	µg/L	[53.6]	NA	[38.2]	[39]	[50.7]	[45.7]
1,4-DIOXANE	NC	µg/L	NA	130U	NA	NA	NA	NA
2,2-DICHLOROPROPANE	NC	µg/L	5.0U	NA	NA	NA	NA	NA
2-BUTANONE	50(G)	µg/L	10U	10U	10U	1.1UJ	10U	10U
2-HEXANONE	50(G)	µg/L	5.0U	5.0U	5.0U	0.57UJ	5.0U	5.0U
2-PROPENENITRILE, 2-METHYL-	NC	µg/L	10U	10U	NA	NA	NA	NA
4-METHYL-2-PENTANONE	NC	µg/L	5.0U	5.0U	5.0U	0.59UJ	5.0U	5.0U
ACETONE	50(S)	µg/L	6.5J	10U	10U	5.0UJ	10U	10U
ACETONITRILE	NC	µg/L	100U	100U	NA	NA	50U	50U
ACETOPHENONE	NC	µg/L	NA	NA	NA	NA	NA	NA
ACROLEIN	NC	µg/L	50U	50U	NA	NA	NA	NA
ACRYLONITRILE	NC	µg/L	50U	50U	50U	6.8UJ	NA	NA
ALLYL CHLORIDE	NC	µg/L	5.0U	5.0U	NA	NA	NA	NA
BENZENE	1(S)	µg/L	[7.8]	[7.9]	[6.5]	[10]	[7.8]	[8.5]
BROMOCHLOROMETHANE	NC	µg/L	5.0U	NA	5.0U	NA	5.0U	5.0U
BROMODICHLOROMETHANE	50(G)	µg/L	1.0U	1.0U	1.0U	0.93U	1.0U	1.0U
BROMOFORM	50(G)	µg/L	4.0U	4.0U	4.0U	1.1U	4.0U	4.0U
BROMOMETHANE	5(S)	µg/L	2.0U	2.0U	2.0U	1.6U	2.0UJ	2.0U
CARBON DISULFIDE	60(G)	µg/L	2.0U	2.0U	2.0U	1.1U	2.0U	2.0U
CARBON TETRACHLORIDE	5(S)	µg/L	1.0U	1.0U	1.0U	1.1U	1.0U	1.0U
CHLOROBENZENE	5(S)	µg/L	[22.7]	[43.7]	[33.1]	[38]	[31.3]	[33.1]
CHLORODIBROMOMETHANE	50(G)	µg/L	1.0U	1.0U	1.0U	0.65U	1.0U	1.0U

Notes:

U - Non detect; J - estimated value; R - rejected value;

EMPC - estimated maximum possible concentration; K - congener estimated maximum possible concentration.

NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 18
Honeywell
SCA Hydrogeologic Investigation
Deep Monitoring Wells
Method 8260/8015 Volatile Organic Compound Data

Parameter Name	New York State Class GA Standards	Field Sample ID	SCA-0002-03	SCA-0009-03	SCA-0026-03	SCA-0029-03	SCA-0036-03	SCA-0045-03
		Location	SB915-MW-88D	SB915-MW-88D	SB915-MW-88D	SB915-MW-88D	SB915-MW-88D	SB915-MW-88D
		Sample Date	3/11/2011	6/23/2011	9/28/2011	12/8/2011	3/13/2012	5/8/2012
		Sample Depth	59-69 FT	59-69 FT	59-69 FT	59-69 FT	59-69 FT	59-69 FT
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
	Units							
CHLOROETHANE	5(S)	µg/L	1.0U	1.0U	1.0U	0.75U	1.0UJ	1.0U
CHLOROFORM	7(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
CHLOROMETHANE	5(S)	µg/L	1.0U	1.0U	1.0U	1.4U	1.0U	1.0U
CHLOROPRENE	NC	µg/L	5.0U	5.0U	NA	NA	NA	NA
CIS-1,2-DICHLOROETHENE	5(G)	µg/L	1.0U	1.0U	1.0U	0.67U	1.0U	1.0U
CIS-1,3-DICHLOROPROPENE	0.4(S)	µg/L	1.0U	1.0U	1.0U	0.73U	1.0U	1.0U
CYCLOHEXANE	NC	µg/L	NA	NA	NA	0.60U	NA	NA
DIBROMOMETHANE	NC	µg/L	5.0U	5.0U	5.0U	NA	5.0U	5.0U
DICHLORODIFLUOROMETHANE	5(S)	µg/L	5.0U	5.0U	NA	0.64U	NA	NA
ETHANE, PENTACHLORO-	NC	µg/L	NA	5.0U	NA	NA	NA	NA
ETHYL CYANIDE	NC	µg/L	NA	50U	NA	NA	NA	NA
ETHYL METHACRYLATE	NC	µg/L	10U	10U	NA	NA	NA	NA
ETHYLBENZENE	5(S)	µg/L	1.0U	0.24J	1.0U	0.62U	1.0U	1.0U
IODOMETHANE	NC	µg/L	25U	25U	NA	NA	NA	NA
ISOBUTANOL	NC	µg/L	100U	50U	NA	NA	NA	NA
ISOPROPANOL	NC	µg/L	NA	NA	NA	NA	NA	NA
ISOPROPYLBENZENE	5(G)	µg/L	NA	NA	NA	0.53U	NA	NA
METHYL ACETATE	NC	µg/L	NA	NA	NA	1.2UJ	NA	NA
METHYL METHACRYLATE	NC	µg/L	10U	10U	NA	NA	NA	NA
METHYL TERT-BUTYL ETHER	10(G)	µg/L	NA	NA	NA	1.0U	NA	NA
METHYLCYCLOHEXANE	NC	µg/L	NA	NA	NA	0.56U	NA	NA
METHYLENE CHLORIDE	5(S)	µg/L	2.0U	2.0U	2.0U	1.1U	2.0U	2.0U
O-XYLENE	5(S)	µg/L	1.0U	NA	NA	0.73U	NA	NA
STYRENE	5(S)	µg/L	5.0U	5.0U	5.0U	0.64U	5.0U	5.0U
TETRACHLOROETHENE	5(S)	µg/L	1.0U	1.0U	1.0U	0.82U	1.0U	1.0U
TOLUENE	5(S)	µg/L	0.35J	0.40J	0.28J	0.85U	0.28J	0.25J
TRANS-1,2-DICHLOROETHENE	5(G)	µg/L	1.0U	1.0U	1.0U	0.75U	1.0U	1.0U
TRANS-1,3-DICHLOROPROPENE	0.4(S)	µg/L	1.0U	1.0U	1.0U	0.58U	1.0U	1.0U
TRANS-1,4-DICHLORO-2-BUTENE	NC	µg/L	5.0U	5.0U	5.0U	0.81U	5.0U	5.0UJ
TRICHLOROETHENE	5(S)	µg/L	1.0U	1.0U	1.0U	0.80U	1.0U	1.0U
TRICHLOROFLUOROMETHANE	5(S)	µg/L	5.0U	5.0U	5.0U	1.1U	5.0U	5.0U
VINYL ACETATE	NC	µg/L	10U	10U	10U	0.86U	10U	10U
VINYL CHLORIDE	2(S)	µg/L	1.0U	1.0U	1.0U	1.3U	1.0U	1.0U
XYLENES, M & P	5(S)	µg/L	0.25J	NA	NA	1.3U	NA	NA
XYLENES, TOTAL	5(S)	µg/L	0.25J	0.59J	1.0U	2.0U	0.20J	1.0U

Notes:

U - Non detect; J - estimated value; R - rejected value;

EMPC - estimated maximum possible concentration; K - congener estimated maximum possible concentration.

NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 18
Honeywell
SCA Hydrogeologic Investigation
Deep Monitoring Wells
Method 8260/8015 Volatile Organic Compound Data

Parameter Name	New York State Class GA Standards	Field Sample ID	SCA-0053-03	SCA-0003-03	SCA-0010-03	SCA-0022-02	SCA-0031-03	SCA-0039-03
		Location	SB915-MW-88D	SB915-MW-89D	SB915-MW-89D	SB915-MW-89D	SB915-MW-89D	SB915-MW-89D
		Sample Date	7/12/2012	3/14/2011	6/24/2011	9/26/2011	12/12/2011	3/16/2012
		Sample Depth	59-69 FT	63-73 FT	63-73 FT	63-73 FT	63-73 FT	63-73 FT
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Units						
1,1,1,2-TETRACHLOROETHANE	NC	µg/L	5.0U	5.0U	5.0U	5.0U	0.68U	10U
1,1,1-TRICHLOROETHANE	5(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	2.0U
1,1,2,2-TETRACHLOROETHANE	5(S)	µg/L	1.0U	1.0U	1.0U	1.0U	0.93U	2.0U
1,1,2-TRICHLOROETHANE	1(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.2U	2.0U
1,1,2-TRICHLOROTRIFLUOROETHANE	NC	µg/L	NA	NA	NA	NA	0.33U	NA
1,1-DICHLOROETHANE	5(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	2.0U
1,1-DICHLOROETHENE	5(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.1U	2.0U
1,1-DICHLOROPROPENE	NC	µg/L	NA	5.0U	NA	NA	NA	NA
1,2,3-TRICHLOROPROPANE	NC	µg/L	5.0U	5.0U	5.0U	5.0U	1.6UJ	10U
1,2,4-TRICHLOROENZENE	5(S)	µg/L	NA	5.0U	NA	NA	0.38UJ	NA
1,2-DIBROMO-3-CHLOROPROPANE	NC	µg/L	10U	10U	10U	10U	0.35UJ	20U
1,2-DIBROMOETHANE	5(S)	µg/L	2.0U	2.0U	2.0U	2.0U	0.61U	4.0U
1,2-DICHLOROBENZENE	3(S)	µg/L	[51.6]	[17.2]	NA	[27.3]	[30]	[26.4]
1,2-DICHLOROETHANE	0.6(S)	µg/L	1.0U	1.0U	1.0U	1.0U	0.96U	2.0U
1,2-DICHLOROETHENE (TOTAL)	5(S)	µg/L	NA	NA	NA	NA	NA	NA
1,2-DICHLOROPROPANE	1(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.3U	2.0U
1,3-DICHLOROBENZENE	3(S)	µg/L	NA	1.0U	NA	NA	0.51U	NA
1,3-DICHLOROPROPANE	NC	µg/L	NA	5.0U	NA	NA	NA	NA
1,4-DICHLOROBENZENE	3(S)	µg/L	[42.1]	[8.6]	NA	[12.7]	[15]	[11.0]
1,4-DIOXANE	NC	µg/L	NA	NA	130U	NA	NA	NA
2,2-DICHLOROPROPANE	NC	µg/L	NA	5.0U	NA	NA	NA	NA
2-BUTANONE	50(G)	µg/L	10U	10U	10U	10U	1.1UJ	20U
2-HEXANONE	50(G)	µg/L	5.0U	5.0U	5.0U	5.0U	0.57UJ	10U
2-PROPENENITRILE, 2-METHYL-	NC	µg/L	NA	10U	10U	NA	NA	NA
4-METHYL-2-PENTANONE	NC	µg/L	5.0U	5.0U	5.0U	5.0U	0.59U	10U
ACETONE	50(S)	µg/L	10U	10U	10U	10U	5.0UJ	20U
ACETONITRILE	NC	µg/L	50U	100U	100U	NA	NA	100U
ACETOPHENONE	NC	µg/L	NA	NA	NA	NA	NA	NA
ACROLEIN	NC	µg/L	NA	50U	50U	NA	NA	NA
ACRYLONITRILE	NC	µg/L	NA	50U	50U	50U	6.8U	NA
ALLYL CHLORIDE	NC	µg/L	NA	5.0U	5.0U	NA	NA	NA
BENZENE	1(S)	µg/L	[9.0]	[6.6]	[6.1]	[5.8]	[7.9]	[5.3]
BROMOCHLOROMETHANE	NC	µg/L	5.0U	5.0U	NA	5.0U	NA	10U
BROMODICHLOROMETHANE	50(G)	µg/L	1.0U	1.0U	1.0U	1.0U	0.93U	2.0U
BROMOFORM	50(G)	µg/L	4.0U	4.0U	4.0U	4.0U	1.1U	8.0U
BROMOMETHANE	5(S)	µg/L	2.0U	2.0U	2.0U	2.0U	1.6U	4.0UJ
CARBON DISULFIDE	60(G)	µg/L	2.0U	2.0U	2.0U	2.0U	1.1UJ	4.0U
CARBON TETRACHLORIDE	5(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.1U	2.0U
CHLOROBENZENE	5(S)	µg/L	[37.2]	[407]	[355]	[348]	[420]	[353]
CHLORODIBROMOMETHANE	50(G)	µg/L	1.0U	1.0U	1.0U	1.0U	0.65U	2.0U

Notes:

U - Non detect; J - estimated value; R - rejected value;

EMPC - estimated maximum possible concentration; K - congener estimated maximum possible concentration.

NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 18
Honeywell
SCA Hydrogeologic Investigation
Deep Monitoring Wells
Method 8260/8015 Volatile Organic Compound Data

Parameter Name	New York State Class GA Standards	Field Sample ID	SCA-0053-03	SCA-0003-03	SCA-0010-03	SCA-0022-02	SCA-0031-03	SCA-0039-03
		Location	SB915-MW-88D	SB915-MW-89D	SB915-MW-89D	SB915-MW-89D	SB915-MW-89D	SB915-MW-89D
		Sample Date	7/12/2012	3/14/2011	6/24/2011	9/26/2011	12/12/2011	3/16/2012
		Sample Depth	59-69 FT	63-73 FT	63-73 FT	63-73 FT	63-73 FT	63-73 FT
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
	Units							
CHLOROETHANE	5(S)	µg/L	1.0U	1.0U	1.0U	1.0U	0.75UJ	2.0UJ
CHLOROFORM	7(S)	µg/L	1.0U	0.87J	1.0U	1.0U	1.0U	2.0U
CHLOROMETHANE	5(S)	µg/L	1.0UJ	1.0U	1.0U	1.0U	1.4U	2.0U
CHLOROPRENE	NC	µg/L	NA	5.0U	5.0U	NA	NA	NA
CIS-1,2-DICHLOROETHENE	5(G)	µg/L	1.0U	0.98J	0.97J	0.80J	1.2J	0.75J
CIS-1,3-DICHLOROPROPENE	0.4(S)	µg/L	1.0U	1.0U	1.0U	1.0U	0.73U	2.0U
CYCLOHEXANE	NC	µg/L	NA	NA	NA	NA	0.60U	NA
DIBROMOMETHANE	NC	µg/L	5.0U	5.0U	5.0U	5.0U	NA	10U
DICHLORODIFLUOROMETHANE	5(S)	µg/L	NA	5.0U	5.0U	NA	0.64U	NA
ETHANE, PENTACHLORO-	NC	µg/L	NA	NA	5.0U	NA	NA	NA
ETHYL CYANIDE	NC	µg/L	NA	NA	50U	NA	NA	NA
ETHYL METHACRYLATE	NC	µg/L	NA	10U	10U	NA	NA	NA
ETHYLBENZENE	5(S)	µg/L	1.0U	1.0U	1.0U	1.0U	0.62U	2.0U
IODOMETHANE	NC	µg/L	NA	25U	25U	NA	NA	NA
ISOBUTANOL	NC	µg/L	NA	100U	50U	NA	NA	NA
ISOPROPANOL	NC	µg/L	NA	NA	NA	NA	NA	NA
ISOPROPYLBENZENE	5(G)	µg/L	NA	NA	NA	NA	0.53U	NA
METHYL ACETATE	NC	µg/L	NA	NA	NA	NA	1.2UJ	NA
METHYL METHACRYLATE	NC	µg/L	NA	10U	10U	NA	NA	NA
METHYL TERT-BUTYL ETHER	10(G)	µg/L	NA	NA	NA	NA	1.0U	NA
METHYLCYCLOHEXANE	NC	µg/L	NA	NA	NA	NA	0.56U	NA
METHYLENE CHLORIDE	5(S)	µg/L	2.0U	2.0U	2.0U	2.0U	1.1U	4.0U
O-XYLENE	5(S)	µg/L	NA	1.0U	NA	NA	0.73U	NA
STYRENE	5(S)	µg/L	5.0U	5.0U	5.0U	5.0U	0.64U	10U
TETRACHLOROETHENE	5(S)	µg/L	1.0U	1.0U	1.0U	1.0U	0.82U	2.0U
TOLUENE	5(S)	µg/L	0.29J	1.0U	0.20J	1.0U	0.85U	2.0U
TRANS-1,2-DICHLOROETHENE	5(G)	µg/L	1.0U	0.48J	0.50J	0.67J	0.80J	2.0U
TRANS-1,3-DICHLOROPROPENE	0.4(S)	µg/L	1.0U	1.0U	1.0U	1.0U	0.58U	2.0U
TRANS-1,4-DICHLORO-2-BUTENE	NC	µg/L	5.0U	5.0U	5.0U	5.0U	0.81U	10U
TRICHLOROETHENE	5(S)	µg/L	1.0U	1.2	1.2	1.1	1.5J	0.88J
TRICHLOROFLUOROMETHANE	5(S)	µg/L	5.0U	5.0U	5.0U	5.0U	1.1UJ	10U
VINYL ACETATE	NC	µg/L	10U	10U	10U	10U	0.86U	20U
VINYL CHLORIDE	2(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.3U	2.0U
XYLENES, M & P	5(S)	µg/L	NA	1.0U	NA	NA	1.3U	NA
XYLENES, TOTAL	5(S)	µg/L	1.0U	1.0U	0.29J	1.0U	2.0U	2.0U

Notes:

U - Non detect; J - estimated value; R - rejected value;

EMPC - estimated maximum possible concentration; K - congener estimated maximum possible concentration.

NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 18
Honeywell
SCA Hydrogeologic Investigation
Deep Monitoring Wells
Method 8260/8015 Volatile Organic Compound Data

Parameter Name	New York State Class GA Standards	Field Sample ID	SCA-0046-03	SCA-0055-06	SCA-0006-06	SCA-0012-04	SCA-0018-02	SCA-0028-04
		Location	SB915-MW-89D	SB915-MW-89D	SB915-MW-91D	SB915-MW-91D	SB915-MW-91D	SB915-MW-91D
		Sample Date	5/9/2012	7/14/2012	3/17/2011	6/28/2011	9/22/2011	12/7/2011
		Sample Depth	63-73 FT	63-73 FT	125-135 FT	125-135 FT	125-135 FT	125-135 FT
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Units						
1,1,1,2-TETRACHLOROETHANE	NC	µg/L	5.0U	5.0U	5.0U	5.0U	5.0U	0.68U
1,1,1-TRICHLOROETHANE	5(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
1,1,2,2-TETRACHLOROETHANE	5(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	0.93U
1,1,2-TRICHLOROETHANE	1(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.2U
1,1,2-TRICHLOROTRIFLUOROETHANE	NC	µg/L	NA	NA	NA	NA	NA	0.33U
1,1-DICHLOROETHANE	5(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
1,1-DICHLOROETHENE	5(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.1U
1,1-DICHLOROPROPENE	NC	µg/L	NA	NA	5.0U	NA	NA	NA
1,2,3-TRICHLOROPROPANE	NC	µg/L	5.0U	5.0U	5.0U	5.0U	5.0U	1.6U
1,2,4-TRICHLOROENZENE	5(S)	µg/L	NA	NA	5.0U	NA	NA	0.38UJ
1,2-DIBROMO-3-CHLOROPROPANE	NC	µg/L	10U	10U	10U	10U	10U	0.35U
1,2-DIBROMOETHANE	5(S)	µg/L	2.0U	2.0U	2.0U	2.0U	2.0U	0.61U
1,2-DICHLOROBENZENE	3(S)	µg/L	[32.4]	[33.5]	[3.0]	NA	1.3J	2.3J
1,2-DICHLOROETHANE	0.6(S)	µg/L	1.0U	1.0U	[5.1]	[4.9]	[10.4]	[7.3]
1,2-DICHLOROETHENE (TOTAL)	5(S)	µg/L	NA	NA	NA	NA	NA	NA
1,2-DICHLOROPROPANE	1(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.3U
1,3-DICHLOROBENZENE	3(S)	µg/L	NA	NA	1.0U	NA	NA	0.51U
1,3-DICHLOROPROPANE	NC	µg/L	NA	NA	5.0U	NA	NA	NA
1,4-DICHLOROBENZENE	3(S)	µg/L	[17.0]	[18.1]	2	NA	0.87J	1.6J
1,4-DIOXANE	NC	µg/L	NA	NA	NA	130U	NA	NA
2,2-DICHLOROPROPANE	NC	µg/L	NA	NA	5.0U	NA	NA	NA
2-BUTANONE	50(G)	µg/L	10U	10U	10U	10U	10UJ	1.1UJ
2-HEXANONE	50(G)	µg/L	5.0U	5.0U	5.0U	5.0U	5.0U	0.57UJ
2-PROPENENITRILE, 2-METHYL-	NC	µg/L	NA	NA	10U	10U	NA	NA
4-METHYL-2-PENTANONE	NC	µg/L	5.0U	5.0U	5.0U	5.0U	5.0U	0.59U
ACETONE	50(S)	µg/L	10U	10UJ	10U	10U	10UJ	5.0UJ
ACETONITRILE	NC	µg/L	50U	50U	100U	100UJ	NA	NA
ACETOPHENONE	NC	µg/L	NA	NA	0	NA	NA	NA
ACROLEIN	NC	µg/L	NA	NA	50U	50U	NA	NA
ACRYLONITRILE	NC	µg/L	NA	NA	50U	50U	50U	6.8U
ALLYL CHLORIDE	NC	µg/L	NA	NA	5.0U	5.0U	NA	NA
BENZENE	1(S)	µg/L	[6.9]	[4.8]	[1.0]	[1.1]	[1.8]	[1.7J]
BROMOCHLOROMETHANE	NC	µg/L	5.0U	5.0U	5.0U	NA	5.0U	NA
BROMODICHLOROMETHANE	50(G)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	0.93U
BROMOFORM	50(G)	µg/L	4.0U	4.0U	4.0U	4.0U	4.0U	1.1U
BROMOMETHANE	5(S)	µg/L	2.0U	2.0U	2.0U	2.0U	2.0U	1.6U
CARBON DISULFIDE	60(G)	µg/L	2.0U	2.0U	2.0U	2.0U	2.0U	1.1U
CARBON TETRACHLORIDE	5(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.1U
CHLOROBENZENE	5(S)	µg/L	[357]	[320]	[35.6]	[33.9]	[25.0J]	[38]
CHLORODIBROMOMETHANE	50(G)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	0.65U

Notes:

U - Non detect; J - estimated value; R - rejected value;

EMPC - estimated maximum possible concentration; K - congener estimated maximum possible concentration.

NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 18
Honeywell
SCA Hydrogeologic Investigation
Deep Monitoring Wells
Method 8260/8015 Volatile Organic Compound Data

Parameter Name	New York State Class GA Standards	Field Sample ID	SCA-0046-03	SCA-0055-06	SCA-0006-06	SCA-0012-04	SCA-0018-02	SCA-0028-04
		Location	SB915-MW-89D	SB915-MW-89D	SB915-MW-91D	SB915-MW-91D	SB915-MW-91D	SB915-MW-91D
		Sample Date	5/9/2012	7/14/2012	3/17/2011	6/28/2011	9/22/2011	12/7/2011
		Sample Depth	63-73 FT	63-73 FT	125-135 FT	125-135 FT	125-135 FT	125-135 FT
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
	Units							
CHLOROETHANE	5(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	0.75U
CHLOROFORM	7(S)	µg/L	1.0U	1.0U	1.0U	1.0U	0.55J	1.0U
CHLOROMETHANE	5(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.4U
CHLOROPRENE	NC	µg/L	NA	NA	5.0U	5.0U	NA	NA
CIS-1,2-DICHLOROETHENE	5(G)	µg/L	0.91J	0.61J	1.0U	1.0U	1.0U	0.67U
CIS-1,3-DICHLOROPROPENE	0.4(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	0.73U
CYCLOHEXANE	NC	µg/L	NA	NA	NA	NA	NA	0.60U
DIBROMOMETHANE	NC	µg/L	5.0U	5.0U	5.0U	5.0U	5.0U	NA
DICHLORODIFLUOROMETHANE	5(S)	µg/L	NA	NA	5.0U	5.0U	NA	0.64U
ETHANE, PENTACHLORO-	NC	µg/L	NA	NA	NA	5.0U	NA	NA
ETHYL CYANIDE	NC	µg/L	NA	NA	NA	50U	NA	NA
ETHYL METHACRYLATE	NC	µg/L	NA	NA	10U	10U	NA	NA
ETHYLBENZENE	5(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	0.62U
IODOMETHANE	NC	µg/L	NA	NA	25U	25U	NA	NA
ISOBUTANOL	NC	µg/L	NA	NA	100U	50U	NA	NA
ISOPROPANOL	NC	µg/L	NA	NA	NA	NA	NA	NA
ISOPROPYLBENZENE	5(G)	µg/L	NA	NA	NA	NA	NA	0.53U
METHYL ACETATE	NC	µg/L	NA	NA	NA	NA	NA	1.2UJ
METHYL METHACRYLATE	NC	µg/L	NA	NA	10U	10U	NA	NA
METHYL TERT-BUTYL ETHER	10(G)	µg/L	NA	NA	NA	NA	NA	1.0U
METHYLCYCLOHEXANE	NC	µg/L	NA	NA	NA	NA	NA	0.56U
METHYLENE CHLORIDE	5(S)	µg/L	2.0U	2.0U	2.0U	2.0U	2.0U	1.1U
O-XYLENE	5(S)	µg/L	NA	NA	1.0U	NA	NA	0.73U
STYRENE	5(S)	µg/L	5.0U	5.0U	5.0U	5.0U	5.0U	0.64U
TETRACHLOROETHENE	5(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0UJ	0.82U
TOLUENE	5(S)	µg/L	1.0U	1.0U	1.0U	0.50J	0.38J	0.85U
TRANS-1,2-DICHLOROETHENE	5(G)	µg/L	0.61J	1.0U	1.0U	1.0U	1.0U	0.75U
TRANS-1,3-DICHLOROPROPENE	0.4(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	0.58U
TRANS-1,4-DICHLORO-2-BUTENE	NC	µg/L	5.0U	5.0U	5.0U	5.0U	5.0UJ	0.81U
TRICHLOROETHENE	5(S)	µg/L	1.3	0.74J	1.0U	0.29J	0.32J	0.80U
TRICHLOROFLUOROMETHANE	5(S)	µg/L	5.0U	5.0U	5.0U	5.0U	5.0U	1.1U
VINYL ACETATE	NC	µg/L	10U	10U	10U	10U	10U	0.86U
VINYL CHLORIDE	2(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.3U
XYLENES, M & P	5(S)	µg/L	NA	NA	1.0U	NA	NA	1.3U
XYLENES, TOTAL	5(S)	µg/L	1.0U	1.0U	1.0U	0.23J	1.0U	2.0U

Notes:

U - Non detect; J - estimated value; R - rejected value;

EMPC - estimated maximum possible concentration; K - congener estimated maximum possible concentration.

NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 18
Honeywell
SCA Hydrogeologic Investigation
Deep Monitoring Wells
Method 8260/8015 Volatile Organic Compound Data

Parameter Name	New York State Class GA Standards	Field Sample ID	SCA-0043-06	SCA-0050-04	SCA-0057-06	SCA-0005-03	SCA-0013-03	SCA-0015-01
		Location	SB915-MW-91D	SB915-MW-91D	SB915-MW-91D	SB915-MW-92D	SB915-MW-92D	SB915-MW-92D
		Sample Date	3/22/2012	5/15/2012	7/18/2012	3/16/2011	6/29/2011	9/20/2011
		Sample Depth	125-135 FT	125-135 FT	125-135 FT	92-102 FT	92-102 FT	92-102 FT
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
Units								
1,1,1,2-TETRACHLOROETHANE	NC	µg/L	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
1,1,1-TRICHLOROETHANE	5(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
1,1,2,2-TETRACHLOROETHANE	5(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
1,1,2-TRICHLOROETHANE	1(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
1,1,2-TRICHLOROTRIFLUOROETHANE	NC	µg/L	NA	NA	NA	NA	NA	NA
1,1-DICHLOROETHANE	5(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
1,1-DICHLOROETHENE	5(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
1,1-DICHLOROPROPENE	NC	µg/L	NA	NA	NA	5.0U	NA	NA
1,2,3-TRICHLOROPROPANE	NC	µg/L	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
1,2,4-TRICHLOROENZENE	5(S)	µg/L	NA	NA	NA	5.0U	NA	NA
1,2-DIBROMO-3-CHLOROPROPANE	NC	µg/L	10U	10U	10U	10U	10U	10U
1,2-DIBROMOETHANE	5(S)	µg/L	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U
1,2-DICHLOROBENZENE	3(S)	µg/L	1.7	1.6	1.5	[6.3]	NA	0.79J
1,2-DICHLOROETHANE	0.6(S)	µg/L	[4.2]	[5.8]	[5.6]	1.0U	1.0U	1.0U
1,2-DICHLOROETHENE (TOTAL)	5(S)	µg/L	NA	NA	NA	NA	NA	NA
1,2-DICHLOROPROPANE	1(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
1,3-DICHLOROBENZENE	3(S)	µg/L	NA	NA	NA	1.0U	NA	NA
1,3-DICHLOROPROPANE	NC	µg/L	NA	NA	NA	5.0U	NA	NA
1,4-DICHLOROBENZENE	3(S)	µg/L	1.1	1.1	1.1	1.9	NA	0.54J
1,4-DIOXANE	NC	µg/L	NA	NA	NA	NA	130U	NA
2,2-DICHLOROPROPANE	NC	µg/L	NA	NA	NA	5.0U	NA	NA
2-BUTANONE	50(G)	µg/L	10U	10U	10U	10U	10U	10UJ
2-HEXANONE	50(G)	µg/L	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
2-PROPENENITRILE, 2-METHYL-	NC	µg/L	NA	NA	NA	10U	10U	NA
4-METHYL-2-PENTANONE	NC	µg/L	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
ACETONE	50(S)	µg/L	10U	10U	10U	3.0J	10U	10UJ
ACETONITRILE	NC	µg/L	50U	50U	50U	100U	100U	NA
ACETOPHENONE	NC	µg/L	NA	NA	NA	NA	NA	NA
ACROLEIN	NC	µg/L	NA	NA	NA	50U	50U	NA
ACRYLONITRILE	NC	µg/L	NA	NA	NA	50U	50UJ	50U
ALLYL CHLORIDE	NC	µg/L	NA	NA	NA	5.0U	5.0U	NA
BENZENE	1(S)	µg/L	0.67J	0.97J	0.90J	[5.6]	0.27J	[1.6]
BROMOCHLOROMETHANE	NC	µg/L	5.0U	5.0U	5.0U	5.0U	NA	5.0U
BROMODICHLOROMETHANE	50(G)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
BROMOFORM	50(G)	µg/L	4.0U	4.0U	4.0U	4.0U	4.0U	4.0U
BROMOMETHANE	5(S)	µg/L	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U
CARBON DISULFIDE	60(G)	µg/L	2.0U	2.0U	2.0U	2.0U	2.0U	0.21J
CARBON TETRACHLORIDE	5(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
CHLOROBENZENE	5(S)	µg/L	[27.7]	[25.9]	[29.3]	[23.8]	4.6	1.5
CHLORODIBROMOMETHANE	50(G)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U

Notes:

U - Non detect; J - estimated value; R - rejected value;

EMPC - estimated maximum possible concentration; K - congener estimated maximum possible concentration.

NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 18
Honeywell
SCA Hydrogeologic Investigation
Deep Monitoring Wells
Method 8260/8015 Volatile Organic Compound Data

Parameter Name	New York State Class GA Standards	Field Sample ID	SCA-0043-06	SCA-0050-04	SCA-0057-06	SCA-0005-03	SCA-0013-03	SCA-0015-01
		Location	SB915-MW-91D	SB915-MW-91D	SB915-MW-91D	SB915-MW-92D	SB915-MW-92D	SB915-MW-92D
		Sample Date	3/22/2012	5/15/2012	7/18/2012	3/16/2011	6/29/2011	9/20/2011
		Sample Depth	125-135 FT	125-135 FT	125-135 FT	92-102 FT	92-102 FT	92-102 FT
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
	Units							
CHLOROETHANE	5(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
CHLOROFORM	7(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
CHLOROMETHANE	5(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
CHLOROPRENE	NC	µg/L	NA	NA	NA	5.0U	5.0U	NA
CIS-1,2-DICHLOROETHENE	5(G)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
CIS-1,3-DICHLOROPROPENE	0.4(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
CYCLOHEXANE	NC	µg/L	NA	NA	NA	NA	NA	NA
DIBROMOMETHANE	NC	µg/L	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
DICHLORODIFLUOROMETHANE	5(S)	µg/L	NA	NA	NA	5.0U	5.0U	NA
ETHANE, PENTACHLORO-	NC	µg/L	NA	NA	NA	NA	5.0U	NA
ETHYL CYANIDE	NC	µg/L	NA	NA	NA	NA	50U	NA
ETHYL METHACRYLATE	NC	µg/L	NA	NA	NA	10U	10U	NA
ETHYLBENZENE	5(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
IODOMETHANE	NC	µg/L	NA	NA	NA	25U	25U	NA
ISOBUTANOL	NC	µg/L	NA	NA	NA	100U	50U	NA
ISOPROPANOL	NC	µg/L	NA	NA	NA	NA	NA	NA
ISOPROPYLBENZENE	5(G)	µg/L	NA	NA	NA	NA	NA	NA
METHYL ACETATE	NC	µg/L	NA	NA	NA	NA	NA	NA
METHYL METHACRYLATE	NC	µg/L	NA	NA	NA	10U	10U	NA
METHYL TERT-BUTYL ETHER	10(G)	µg/L	NA	NA	NA	NA	NA	NA
METHYLCYCLOHEXANE	NC	µg/L	NA	NA	NA	NA	NA	NA
METHYLENE CHLORIDE	5(S)	µg/L	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U
O-XYLENE	5(S)	µg/L	NA	NA	NA	0.35J	NA	NA
STYRENE	5(S)	µg/L	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
TETRACHLOROETHENE	5(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0UJ
TOLUENE	5(S)	µg/L	1.0U	1.0U	1.0U	2.2	0.28J	0.58J
TRANS-1,2-DICHLOROETHENE	5(G)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
TRANS-1,3-DICHLOROPROPENE	0.4(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
TRANS-1,4-DICHLORO-2-BUTENE	NC	µg/L	5.0UJ	5.0U	5.0U	5.0U	5.0U	5.0UJ
TRICHLOROETHENE	5(S)	µg/L	0.35J	1.0U	0.27J	1.0U	1.0U	1.0U
TRICHLOROFLUOROMETHANE	5(S)	µg/L	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
VINYL ACETATE	NC	µg/L	10U	10U	10U	10U	10U	10U
VINYL CHLORIDE	2(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
XYLENES, M & P	5(S)	µg/L	NA	NA	NA	0.61J	NA	NA
XYLENES, TOTAL	5(S)	µg/L	1.0U	1.0U	1.0U	0.96J	1.0U	1.0U

Notes:

U - Non detect; J - estimated value; R - rejected value;

EMPC - estimated maximum possible concentration; K - congener estimated maximum possible concentration.

NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [J] - Exceeds standard or guidance value.

Table 18
Honeywell
SCA Hydrogeologic Investigation
Deep Monitoring Wells
Method 8260/8015 Volatile Organic Compound Data

Parameter Name	New York State Class GA Standards	Field Sample ID Location Sample Date Sample Depth Sample Purpose Units	SCA-0030-03 SB915-MW-92D 12/9/2011 92-102 FT Regular sample	SCA-0043-03 SB915-MW-92D 3/22/2012 92-102 FT Regular sample	SCA-0051-03 SB915-MW-92D 5/16/2012 92-102 FT Regular sample	SCA-0056-09 SB915-MW-92D 7/17/2012 92-102 FT Regular sample	SCA-0014-04 SB915-MW-93D 9/19/2011 52-62 FT Regular sample	SCA-0033-03 SB915-MW-93D 12/14/2011 52-62 FT Regular sample
1,1,1,2-TETRACHLOROETHANE	NC	µg/L	0.68U	5.0U	5.0U	5.0U	5.0U	0.68U
1,1,1-TRICHLOROETHANE	5(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
1,1,2,2-TETRACHLOROETHANE	5(S)	µg/L	0.93U	1.0U	1.0U	1.0U	1.0U	0.93UJ
1,1,2-TRICHLOROETHANE	1(S)	µg/L	1.2U	1.0U	1.0U	1.0U	1.0U	1.2UJ
1,1,2-TRICHLOROTRIFLUOROETHANE	NC	µg/L	0.33U	NA	NA	NA	NA	0.33U
1,1-DICHLOROETHANE	5(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
1,1-DICHLOROETHENE	5(S)	µg/L	1.1U	1.0U	1.0U	1.0U	1.0U	1.1U
1,1-DICHLOROPROPENE	NC	µg/L	NA	NA	NA	NA	5.0U	NA
1,2,3-TRICHLOROPROPANE	NC	µg/L	1.6U	5.0U	5.0U	5.0U	5.0U	1.6UJ
1,2,4-TRICHLOROENZENE	5(S)	µg/L	0.38U	NA	NA	NA	5.0U	0.38UJ
1,2-DIBROMO-3-CHLOROPROPANE	NC	µg/L	0.35U	10U	10U	10U	10U	0.35UJ
1,2-DIBROMOETHANE	5(S)	µg/L	0.61U	2.0U	2.0U	2.0U	2.0U	0.61UJ
1,2-DICHLOROBENZENE	3(S)	µg/L	5U	1.0U	1.0U	1.0U	[11.7]	[11]
1,2-DICHLOROETHANE	0.6(S)	µg/L	0.96U	1.0U	1.0U	1.0U	1.0U	0.96U
1,2-DICHLOROETHENE (TOTAL)	5(S)	µg/L	NA	NA	NA	NA	NA	NA
1,2-DICHLOROPROPANE	1(S)	µg/L	1.3U	1.0U	1.0U	1.0U	1.0U	1.3U
1,3-DICHLOROBENZENE	3(S)	µg/L	0.51U	NA	NA	NA	0.44J	0.51U
1,3-DICHLOROPROPANE	NC	µg/L	NA	NA	NA	NA	5.0U	NA
1,4-DICHLOROBENZENE	3(S)	µg/L	5U	1.0U	1.0U	1.0U	[18.1]	[17]
1,4-DIOXANE	NC	µg/L	NA	NA	NA	NA	NA	NA
2,2-DICHLOROPROPANE	NC	µg/L	NA	NA	NA	NA	5.0U	NA
2-BUTANONE	50(G)	µg/L	1.1UJ	10U	10U	10U	10U	1.1UJ
2-HEXANONE	50(G)	µg/L	0.57UJ	5.0U	5.0U	5.0U	5.0U	0.57U
2-PROPENENITRILE, 2-METHYL-	NC	µg/L	NA	NA	NA	NA	10U	NA
4-METHYL-2-PENTANONE	NC	µg/L	0.59U	5.0U	5.0U	5.0U	5.0U	0.59U
ACETONE	50(S)	µg/L	5.0UJ	10U	10UJ	10U	10UJ	5.0UJ
ACETONITRILE	NC	µg/L	NA	50U	50U	50U	100U	NA
ACETOPHENONE	NC	µg/L	NA	NA	NA	NA	NA	NA
ACROLEIN	NC	µg/L	NA	NA	NA	NA	50U	NA
ACRYLONITRILE	NC	µg/L	6.8UJ	NA	NA	NA	50U	6.8U
ALLYL CHLORIDE	NC	µg/L	NA	NA	NA	NA	5.0U	NA
BENZENE	1(S)	µg/L	0.99U	1.0U	1.0U	1.0U	1.0U	0.99U
BROMOCHLOROMETHANE	NC	µg/L	NA	5.0U	5.0U	5.0U	5.0U	NA
BROMODICHLOROMETHANE	50(G)	µg/L	0.93U	1.0U	1.0U	1.0U	1.0U	0.93U
BROMOFORM	50(G)	µg/L	1.1U	4.0U	4.0U	4.0U	4.0U	1.1UJ
BROMOMETHANE	5(S)	µg/L	1.6U	2.0U	2.0UJ	2.0U	2.0U	1.6U
CARBON DISULFIDE	60(G)	µg/L	1.1U	2.0U	2.0U	2.0U	2.0U	1.1U
CARBON TETRACHLORIDE	5(S)	µg/L	1.1U	1.0U	1.0U	1.0U	1.0U	1.1U
CHLOROBENZENE	5(S)	µg/L	5U	1.0U	1.0U	1.0U	[22.2]	[27]
CHLORODIBROMOMETHANE	50(G)	µg/L	0.65U	1.0U	1.0U	1.0U	1.0U	0.65UJ

Notes:

U - Non detect; J - estimated value; R - rejected value;

EMPC - estimated maximum possible concentration; K - congener estimated maximum possible concentration.

NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 18
Honeywell
SCA Hydrogeologic Investigation
Deep Monitoring Wells
Method 8260/8015 Volatile Organic Compound Data

Parameter Name	New York State Class GA Standards	Field Sample ID	SCA-0030-03	SCA-0043-03	SCA-0051-03	SCA-0056-09	SCA-0014-04	SCA-0033-03
		Location	SB915-MW-92D	SB915-MW-92D	SB915-MW-92D	SB915-MW-92D	SB915-MW-93D	SB915-MW-93D
		Sample Date	12/9/2011	3/22/2012	5/16/2012	7/17/2012	9/19/2011	12/14/2011
		Sample Depth	92-102 FT	92-102 FT	92-102 FT	92-102 FT	52-62 FT	52-62 FT
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
	Units							
CHLOROETHANE	5(S)	µg/L	0.75U	1.0U	1.0U	1.0U	1.0U	0.75U
CHLOROFORM	7(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
CHLOROMETHANE	5(S)	µg/L	1.4U	1.0U	1.0U	1.0U	1.0U	1.4U
CHLOROPRENE	NC	µg/L	NA	NA	NA	NA	5.0U	NA
CIS-1,2-DICHLOROETHENE	5(G)	µg/L	0.67U	1.0U	1.0U	1.0U	0.28J	0.67U
CIS-1,3-DICHLOROPROPENE	0.4(S)	µg/L	0.73U	1.0U	1.0U	1.0U	1.0U	0.73U
CYCLOHEXANE	NC	µg/L	0.60U	NA	NA	NA	NA	0.60U
DIBROMOMETHANE	NC	µg/L	NA	5.0U	5.0U	5.0U	5.0U	NA
DICHLORODIFLUOROMETHANE	5(S)	µg/L	0.64U	NA	NA	NA	5.0U	0.64U
ETHANE, PENTACHLORO-	NC	µg/L	NA	NA	NA	NA	NA	NA
ETHYL CYANIDE	NC	µg/L	NA	NA	NA	NA	100U	NA
ETHYL METHACRYLATE	NC	µg/L	NA	NA	NA	NA	10U	NA
ETHYLBENZENE	5(S)	µg/L	0.62U	1.0U	1.0U	1.0U	1.0U	0.62U
IODOMETHANE	NC	µg/L	NA	NA	NA	NA	25U	NA
ISOBUTANOL	NC	µg/L	NA	NA	NA	NA	NA	NA
ISOPROPANOL	NC	µg/L	NA	NA	NA	NA	100U	NA
ISOPROPYLBENZENE	5(G)	µg/L	0.53U	NA	NA	NA	NA	0.53U
METHYL ACETATE	NC	µg/L	1.2UJ	NA	NA	NA	NA	1.2UJ
METHYL METHACRYLATE	NC	µg/L	NA	NA	NA	NA	10U	NA
METHYL TERT-BUTYL ETHER	10(G)	µg/L	1.0U	NA	NA	NA	NA	1.0U
METHYLCYCLOHEXANE	NC	µg/L	0.56U	NA	NA	NA	NA	0.56U
METHYLENE CHLORIDE	5(S)	µg/L	1.1U	2.0U	2.0U	2.0U	2.0U	1.1U
O-XYLENE	5(S)	µg/L	0.73U	NA	NA	NA	1.0U	0.73U
STYRENE	5(S)	µg/L	0.64U	5.0U	5.0U	5.0U	5.0U	0.64U
TETRACHLOROETHENE	5(S)	µg/L	0.82U	1.0U	1.0U	1.0U	1.0U	0.82U
TOLUENE	5(S)	µg/L	0.85U	1.0U	1.0U	1.0U	1.0U	0.85U
TRANS-1,2-DICHLOROETHENE	5(G)	µg/L	0.75U	1.0U	1.0U	1.0U	1.0U	0.75U
TRANS-1,3-DICHLOROPROPENE	0.4(S)	µg/L	0.58U	1.0U	1.0U	1.0U	1.0U	0.58U
TRANS-1,4-DICHLORO-2-BUTENE	NC	µg/L	0.81U	5.0UJ	5.0U	5.0U	5.0UJ	0.81UJ
TRICHLOROETHENE	5(S)	µg/L	0.80U	1.0U	1.0U	1.0U	0.28J	0.80U
TRICHLOROFLUOROMETHANE	5(S)	µg/L	1.1U	5.0U	5.0U	5.0U	5.0U	1.1UJ
VINYL ACETATE	NC	µg/L	0.86U	10U	10U	10U	10U	0.86U
VINYL CHLORIDE	2(S)	µg/L	1.3U	1.0U	1.0U	1.0U	1.0U	1.3U
XYLENES, M & P	5(S)	µg/L	1.3U	NA	NA	NA	1.0U	1.3U
XYLENES, TOTAL	5(S)	µg/L	2.0U	1.0U	1.0U	1.0U	1.0U	2.0U

Notes:

U - Non detect; J - estimated value; R - rejected value;

EMPC - estimated maximum possible concentration; K - congener estimated maximum possible concentration.

NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 18
Honeywell
SCA Hydrogeologic Investigation
Deep Monitoring Wells
Method 8260/8015 Volatile Organic Compound Data

Parameter Name	New York State Class GA Standards	Field Sample ID	SCA-0041-03	SCA-0049-03	SCA-0054-06	SCA-0001-02	SCA-0008-04	SCA-0024-02
		Location	SB915-MW-93D	SB915-MW-93D	SB915-MW-93D	SB915-WB-02L	SB915-WB-02L	SB915-WB-02L
		Sample Date	3/20/2012	5/14/2012	7/13/2012	3/10/2011	6/22/2011	9/27/2011
		Sample Depth	52-62 FT	52-62 FT	52-62 FT	94-104 FT	94-104 FT	94-104 FT
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Units						
1,1,1,2-TETRACHLOROETHANE	NC	µg/L	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
1,1,1-TRICHLOROETHANE	5(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
1,1,2,2-TETRACHLOROETHANE	5(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
1,1,2-TRICHLOROETHANE	1(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
1,1,2-TRICHLOROTRIFLUOROETHANE	NC	µg/L	NA	NA	NA	NA	NA	NA
1,1-DICHLOROETHANE	5(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
1,1-DICHLOROETHENE	5(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
1,1-DICHLOROPROPENE	NC	µg/L	NA	NA	NA	5.0U	NA	NA
1,2,3-TRICHLOROPROPANE	NC	µg/L	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
1,2,4-TRICHLOROENZENE	5(S)	µg/L	NA	NA	NA	5.0U	NA	NA
1,2-DIBROMO-3-CHLOROPROPANE	NC	µg/L	10U	10U	10U	10U	10U	10U
1,2-DIBROMOETHANE	5(S)	µg/L	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U
1,2-DICHLOROBENZENE	3(S)	µg/L	[13.3]	[11.9]	[10.7]	1.0U	NA	1.0U
1,2-DICHLOROETHANE	0.6(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
1,2-DICHLOROETHENE (TOTAL)	5(S)	µg/L	NA	NA	NA	NA	NA	NA
1,2-DICHLOROPROPANE	1(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
1,3-DICHLOROBENZENE	3(S)	µg/L	NA	NA	NA	1.0U	NA	NA
1,3-DICHLOROPROPANE	NC	µg/L	NA	NA	NA	5.0U	NA	NA
1,4-DICHLOROBENZENE	3(S)	µg/L	[20.3]	[18.1]	[16.6]	1.0U	NA	1.0U
1,4-DIOXANE	NC	µg/L	NA	NA	NA	NA	130U	NA
2,2-DICHLOROPROPANE	NC	µg/L	NA	NA	NA	5.0U	NA	NA
2-BUTANONE	50(G)	µg/L	10U	10U	10U	10U	10U	10U
2-HEXANONE	50(G)	µg/L	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
2-PROPENENITRILE, 2-METHYL-	NC	µg/L	NA	NA	NA	10U	10U	NA
4-METHYL-2-PENTANONE	NC	µg/L	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
ACETONE	50(S)	µg/L	10U	10UJ	10UJ	10U	10U	10U
ACETONITRILE	NC	µg/L	50U	50U	50U	100U	100U	NA
ACETOPHENONE	NC	µg/L	NA	NA	NA	NA	NA	NA
ACROLEIN	NC	µg/L	NA	NA	NA	50U	50U	NA
ACRYLONITRILE	NC	µg/L	NA	NA	NA	50U	50U	50U
ALLYL CHLORIDE	NC	µg/L	NA	NA	NA	5.0U	5.0U	NA
BENZENE	1(S)	µg/L	0.23J	0.24J	1.0U	0.35J	1.0U	1.0U
BROMOCHLOROMETHANE	NC	µg/L	5.0U	5.0U	5.0U	5.0U	NA	5.0U
BROMODICHLOROMETHANE	50(G)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
BROMOFORM	50(G)	µg/L	4.0U	4.0U	4.0U	4.0U	4.0U	4.0U
BROMOMETHANE	5(S)	µg/L	2.0UJ	2.0U	2.0U	2.0U	2.0U	2.0U
CARBON DISULFIDE	60(G)	µg/L	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U
CARBON TETRACHLORIDE	5(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0UJ	1.0U
CHLOROBENZENE	5(S)	µg/L	[23.3]	[23.7]	[23.9]	1.0U	1.0U	1.0U
CHLORODIBROMOMETHANE	50(G)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U

Notes:

U - Non detect; J - estimated value; R - rejected value;

EMPC - estimated maximum possible concentration; K - congener estimated maximum possible concentration.

NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 18
Honeywell
SCA Hydrogeologic Investigation
Deep Monitoring Wells
Method 8260/8015 Volatile Organic Compound Data

Parameter Name	New York State Class GA Standards	Field Sample ID	SCA-0041-03	SCA-0049-03	SCA-0054-06	SCA-0001-02	SCA-0008-04	SCA-0024-02
		Location	SB915-MW-93D	SB915-MW-93D	SB915-MW-93D	SB915-WB-02L	SB915-WB-02L	SB915-WB-02L
		Sample Date	3/20/2012	5/14/2012	7/13/2012	3/10/2011	6/22/2011	9/27/2011
		Sample Depth	52-62 FT	52-62 FT	52-62 FT	94-104 FT	94-104 FT	94-104 FT
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
	Units							
CHLOROETHANE	5(S)	µg/L	1.0UJ	1.0U	1.0U	1.0U	1.0U	1.0U
CHLOROFORM	7(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
CHLOROMETHANE	5(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
CHLOROPRENE	NC	µg/L	NA	NA	NA	5.0U	5.0U	NA
CIS-1,2-DICHLOROETHENE	5(G)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
CIS-1,3-DICHLOROPROPENE	0.4(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
CYCLOHEXANE	NC	µg/L	NA	NA	NA	NA	NA	NA
DIBROMOMETHANE	NC	µg/L	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
DICHLORODIFLUOROMETHANE	5(S)	µg/L	NA	NA	NA	5.0U	5.0U	NA
ETHANE, PENTACHLORO-	NC	µg/L	NA	NA	NA	NA	5.0U	NA
ETHYL CYANIDE	NC	µg/L	NA	NA	NA	NA	50U	NA
ETHYL METHACRYLATE	NC	µg/L	NA	NA	NA	10U	10U	NA
ETHYLBENZENE	5(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
IODOMETHANE	NC	µg/L	NA	NA	NA	25U	25U	NA
ISOBUTANOL	NC	µg/L	NA	NA	NA	100U	50U	NA
ISOPROPANOL	NC	µg/L	NA	NA	NA	NA	NA	NA
ISOPROPYLBENZENE	5(G)	µg/L	NA	NA	NA	NA	NA	NA
METHYL ACETATE	NC	µg/L	NA	NA	NA	NA	NA	NA
METHYL METHACRYLATE	NC	µg/L	NA	NA	NA	10U	10U	NA
METHYL TERT-BUTYL ETHER	10(G)	µg/L	NA	NA	NA	NA	NA	NA
METHYLCYCLOHEXANE	NC	µg/L	NA	NA	NA	NA	NA	NA
METHYLENE CHLORIDE	5(S)	µg/L	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U
O-XYLENE	5(S)	µg/L	NA	NA	NA	1.0U	NA	NA
STYRENE	5(S)	µg/L	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
TETRACHLOROETHENE	5(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
TOLUENE	5(S)	µg/L	1.0U	1.0U	1.0U	0.55J	0.32J	0.21J
TRANS-1,2-DICHLOROETHENE	5(G)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
TRANS-1,3-DICHLOROPROPENE	0.4(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
TRANS-1,4-DICHLORO-2-BUTENE	NC	µg/L	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
TRICHLOROETHENE	5(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
TRICHLOROFLUOROMETHANE	5(S)	µg/L	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
VINYL ACETATE	NC	µg/L	10U	10U	10U	10U	10U	10U
VINYL CHLORIDE	2(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
XYLENES, M & P	5(S)	µg/L	NA	NA	NA	1.0U	NA	NA
XYLENES, TOTAL	5(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U

Notes:

U - Non detect; J - estimated value; R - rejected value;

EMPC - estimated maximum possible concentration; K - congener estimated maximum possible concentration.

NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 18
Honeywell
SCA Hydrogeologic Investigation
Deep Monitoring Wells
Method 8260/8015 Volatile Organic Compound Data

	Field Sample ID	SCA-0027-03	SCA-0035-03	SCA-0044-02	SCA-0052-07	SCA-0004-04	SCA-0011-04
	Location	SB915-WB-02L	SB915-WB-02L	SB915-WB-02L	SB915-WB-02L	SB915-WB-04L	SB915-WB-04L
	Sample Date	12/6/2011	3/12/2012	5/7/2012	7/11/2012	3/15/2011	6/27/2011
	Sample Depth	94-104 FT	94-104 FT	94-104 FT	94-104 FT	89-99 FT	89-99 FT
	New York State Class GA						
Parameter Name	Standards	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
	Units						
1,1,1,2-TETRACHLOROETHANE	NC	µg/L	0.68U	5.0U	5.0U	5.0U	5.0U
1,1,1-TRICHLOROETHANE	5(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U
1,1,2,2-TETRACHLOROETHANE	5(S)	µg/L	0.93U	1.0U	1.0U	1.0U	1.0U
1,1,2-TRICHLOROETHANE	1(S)	µg/L	1.2U	1.0U	1.0U	1.0U	1.0U
1,1,2-TRICHLOROTRIFLUOROETHANE	NC	µg/L	0.33U	NA	NA	NA	NA
1,1-DICHLOROETHANE	5(S)	µg/L	1.0U	1.0U	1.0U	1.0U	[6.7]
1,1-DICHLOROETHENE	5(S)	µg/L	1.1U	1.0U	1.0U	1.0U	[7.2]
1,1-DICHLOROPROPENE	NC	µg/L	NA	NA	NA	2	1.9
1,2,3-TRICHLOROPROPANE	NC	µg/L	1.6U	5.0U	5.0U	5.0U	5.0U
1,2,4-TRICHLOROENZENE	5(S)	µg/L	0.38U	NA	NA	5.0U	NA
1,2-DIBROMO-3-CHLOROPROPANE	NC	µg/L	0.35UJ	10U	10U	10U	10U
1,2-DIBROMOETHANE	5(S)	µg/L	0.61U	2.0U	2.0U	2.0U	2.0U
1,2-DICHLOROBENZENE	3(S)	µg/L	0.68U	1.0U	1.0U	1.0U	[7.9]
1,2-DICHLOROETHANE	0.6(S)	µg/L	0.96U	1.0U	1.0U	1.0U	[11.6]
1,2-DICHLOROETHENE (TOTAL)	5(S)	µg/L	0.95U	NA	NA	NA	[9.5]
1,2-DICHLOROPROPANE	1(S)	µg/L	1.3U	1.0U	1.0U	1.0U	1.0U
1,3-DICHLOROBENZENE	3(S)	µg/L	0.51U	NA	NA	1.0U	NA
1,3-DICHLOROPROPANE	NC	µg/L	NA	NA	NA	5.0U	NA
1,4-DICHLOROBENZENE	3(S)	µg/L	0.53U	1.0U	1.0U	1.0U	NA
1,4-DIOXANE	NC	µg/L	NA	NA	NA	NA	130U
2,2-DICHLOROPROPANE	NC	µg/L	NA	NA	NA	5.0U	NA
2-BUTANONE	50(G)	µg/L	1.1U	10U	10U	10U	10U
2-HEXANONE	50(G)	µg/L	0.57U	5.0U	5.0U	5.0U	5.0U
2-PROPENENITRILE, 2-METHYL-	NC	µg/L	NA	NA	NA	10U	10U
4-METHYL-2-PENTANONE	NC	µg/L	0.59U	5.0U	5.0U	5.0U	5.0U
ACETONE	50(S)	µg/L	5.0UJ	10U	10U	10U	10U
ACETONITRILE	NC	µg/L	NA	50U	50U	50U	100U
ACETOPHENONE	NC	µg/L	NA	NA	NA	NA	NA
ACROLEIN	NC	µg/L	NA	NA	NA	50U	50U
ACRYLONITRILE	NC	µg/L	6.8U	NA	NA	50U	50U
ALLYL CHLORIDE	NC	µg/L	NA	NA	NA	5.0U	5.0U
BENZENE	1(S)	µg/L	0.99U	1.0U	1.0U	1.0U	[44.8]
BROMOCHLOROMETHANE	NC	µg/L	NA	5.0U	5.0UJ	5.0U	[13.9]
BROMODICHLOROMETHANE	50(G)	µg/L	0.93U	1.0U	1.0U	1.0U	1.0U
BROMOFORM	50(G)	µg/L	1.1UJ	4.0U	4.0U	4.0U	4.0U
BROMOMETHANE	5(S)	µg/L	1.6U	2.0UJ	2.0U	2.0U	2.0U
CARBON DISULFIDE	60(G)	µg/L	1.1U	2.0U	2.0U	2.0U	2.0U
CARBON TETRACHLORIDE	5(S)	µg/L	1.1U	1.0U	1.0U	1.0U	1.0U
CHLOROBENZENE	5(S)	µg/L	0.53U	1.0U	1.0U	1.0U	[80.2]
CHLORODIBROMOMETHANE	50(G)	µg/L	0.65U	1.0U	1.0U	1.0U	[7.2]

Notes:

U - Non detect; J - estimated value; R - rejected value;

EMPC - estimated maximum possible concentration; K - congener estimated maximum possible concentration.

NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 18
Honeywell
SCA Hydrogeologic Investigation
Deep Monitoring Wells
Method 8260/8015 Volatile Organic Compound Data

Parameter Name	New York State Class GA Standards	Field Sample ID	SCA-0027-03	SCA-0035-03	SCA-0044-02	SCA-0052-07	SCA-0004-04	SCA-0011-04
		Location	SB915-WB-02L	SB915-WB-02L	SB915-WB-02L	SB915-WB-02L	SB915-WB-04L	SB915-WB-04L
		Sample Date	12/6/2011	3/12/2012	5/7/2012	7/11/2012	3/15/2011	6/27/2011
		Sample Depth	94-104 FT	94-104 FT	94-104 FT	94-104 FT	89-99 FT	89-99 FT
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
	Units							
CHLOROETHANE	5(S)	µg/L	0.75U	1.0U	1.0U	1.0U	1.0U	1.0U
CHLOROFORM	7(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
CHLOROMETHANE	5(S)	µg/L	1.4U	1.0U	1.0U	1.0U	1.0U	1.0U
CHLOROPRENE	NC	µg/L	NA	NA	NA	NA	5.0U	5.0U
CIS-1,2-DICHLOROETHENE	5(G)	µg/L	0.67U	1.0U	1.0U	1.0U	[59.1]	[19.3]
CIS-1,3-DICHLOROPROPENE	0.4(S)	µg/L	0.73U	1.0U	1.0U	1.0U	1.0U	1.0U
CYCLOHEXANE	NC	µg/L	0.60U	NA	NA	NA	NA	NA
DIBROMOMETHANE	NC	µg/L	NA	5.0U	5.0U	5.0U	5.0U	5.0U
DICHLORODIFLUOROMETHANE	5(S)	µg/L	0.64U	NA	NA	NA	5.0U	5.0U
ETHANE, PENTACHLORO-	NC	µg/L	NA	NA	NA	NA	NA	5.0U
ETHYL CYANIDE	NC	µg/L	NA	NA	NA	NA	NA	50U
ETHYL METHACRYLATE	NC	µg/L	NA	NA	NA	NA	10U	10U
ETHYLBENZENE	5(S)	µg/L	0.62U	1.0U	1.0U	1.0U	1.0U	1.0U
IODOMETHANE	NC	µg/L	NA	NA	NA	NA	25U	25U
ISOBUTANOL	NC	µg/L	NA	NA	NA	NA	100U	50U
ISOPROPANOL	NC	µg/L	NA	NA	NA	NA	NA	NA
ISOPROPYLBENZENE	5(G)	µg/L	0.53U	NA	NA	NA	NA	NA
METHYL ACETATE	NC	µg/L	1.2U	NA	NA	NA	NA	NA
METHYL METHACRYLATE	NC	µg/L	NA	NA	NA	NA	10U	10U
METHYL TERT-BUTYL ETHER	10(G)	µg/L	1.0U	NA	NA	NA	NA	NA
METHYLCYCLOHEXANE	NC	µg/L	0.56U	NA	NA	NA	NA	NA
METHYLENE CHLORIDE	5(S)	µg/L	1.1U	2.0U	2.0U	2.0U	2.0U	2.0U
O-XYLENE	5(S)	µg/L	NA	NA	NA	NA	1.0U	NA
STYRENE	5(S)	µg/L	0.64U	5.0U	5.0U	5.0U	5.0U	5.0U
TETRACHLOROETHENE	5(S)	µg/L	0.82U	1.0U	1.0U	1.0U	1.0U	1.0U
TOLUENE	5(S)	µg/L	0.85U	1.0U	1.0U	1.0U	0.96J	0.24J
TRANS-1,2-DICHLOROETHENE	5(G)	µg/L	0.75U	1.0U	1.0U	1.0U	[11.2]	1.4
TRANS-1,3-DICHLOROPROPENE	0.4(S)	µg/L	0.58U	1.0U	1.0U	1.0U	1.0U	1.0U
TRANS-1,4-DICHLORO-2-BUTENE	NC	µg/L	0.81U	5.0U	5.0U	5.0U	5.0U	5.0U
TRICHLOROETHENE	5(S)	µg/L	0.80U	1.0U	1.0U	1.0U	0.66J	1.0U
TRICHLOROFLUOROMETHANE	5(S)	µg/L	1.1U	5.0U	5.0U	5.0U	5.0U	5.0U
VINYL ACETATE	NC	µg/L	0.86U	10U	10U	10U	10U	10U
VINYL CHLORIDE	2(S)	µg/L	1.3U	1.0U	1.0U	1.0U	1.0U	1.0U
XYLENES, M & P	5(S)	µg/L	NA	NA	NA	NA	1.0U	NA
XYLENES, TOTAL	5(S)	µg/L	2.0U	1.0U	1.0U	1.0U	1.0U	1.0U

Notes:

U - Non detect; J - estimated value; R - rejected value;

EMPC - estimated maximum possible concentration; K - congener estimated maximum possible concentration.

NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [J] - Exceeds standard or guidance value.

Table 18
Honeywell
SCA Hydrogeologic Investigation
Deep Monitoring Wells
Method 8260/8015 Volatile Organic Compound Data

Parameter Name	New York State Class GA Standards	Field Sample ID	SCA-0020-02	SCA-0032-03	SCA-0040-03	SCA-0047-03	SCA-0056-05
		Location	SB915-WB-04L	SB915-WB-04L	SB915-WB-04L	SB915-WB-04L	SB915-WB-04L
		Sample Date	9/23/2011	12/13/2011	3/19/2012	5/10/2012	7/17/2012
		Sample Depth	89-99 FT	89-99 FT	89-99 FT	89-99 FT	89-99 FT
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Units					
1,1,1,2-TETRACHLOROETHANE	NC	µg/L	5.0U	0.68U	5.0U	5.0U	5.0U
1,1,1-TRICHLOROETHANE	5(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U
1,1,2,2-TETRACHLOROETHANE	5(S)	µg/L	1.0U	0.93U	1.0U	1.0U	1.0U
1,1,2-TRICHLOROETHANE	1(S)	µg/L	1.0U	1.2U	1.0U	1.0U	1.0U
1,1,2-TRICHLOROTRIFLUOROETHANE	NC	µg/L	NA	0.33U	NA	NA	NA
1,1-DICHLOROETHANE	5(S)	µg/L	[7.1]	[8.0]	[6.9]	[7.6]	[7.4]
1,1-DICHLOROETHENE	5(S)	µg/L	2.1	2.1J	1.8	2	1.8
1,1-DICHLOROPROPENE	NC	µg/L	NA	NA	NA	NA	NA
1,2,3-TRICHLOROPROPANE	NC	µg/L	5.0U	1.6UJ	5.0U	5.0U	5.0U
1,2,4-TRICHLOROENZENE	5(S)	µg/L	NA	0.38UJ	NA	NA	NA
1,2-DIBROMO-3-CHLOROPROPANE	NC	µg/L	10U	0.35UJ	10U	10U	10U
1,2-DIBROMOETHANE	5(S)	µg/L	2.0U	0.61U	2.0U	2.0U	2.0U
1,2-DICHLOROBENZENE	3(S)	µg/L	1.1	5U	0.32J	0.25J	1.0U
1,2-DICHLOROETHANE	0.6(S)	µg/L	[9.6]	[9.1]	[9.3]	[9.8]	[9.4]
1,2-DICHLOROETHENE (TOTAL)	5(S)	µg/L	NA	NA	NA	NA	NA
1,2-DICHLOROPROPANE	1(S)	µg/L	1.0U	1.3U	1.0U	1.0U	1.0U
1,3-DICHLOROBENZENE	3(S)	µg/L	NA	0.51U	NA	NA	NA
1,3-DICHLOROPROPANE	NC	µg/L	NA	NA	NA	NA	NA
1,4-DICHLOROBENZENE	3(S)	µg/L	1.8	5U	0.63J	0.51J	1.0U
1,4-DIOXANE	NC	µg/L	NA	NA	NA	NA	NA
2,2-DICHLOROPROPANE	NC	µg/L	NA	NA	NA	NA	NA
2-BUTANONE	50(G)	µg/L	10U	1.1UJ	10U	10UJ	10U
2-HEXANONE	50(G)	µg/L	5.0U	0.57UJ	5.0U	5.0U	5.0U
2-PROPENITRILE, 2-METHYL-	NC	µg/L	NA	NA	NA	NA	NA
4-METHYL-2-PENTANONE	NC	µg/L	5.0U	0.59U	5.0U	5.0U	5.0U
ACETONE	50(S)	µg/L	10U	5.0UJ	10U	10U	10U
ACETONITRILE	NC	µg/L	NA	NA	50U	50UJ	50U
ACETOPHENONE	NC	µg/L	NA	NA	NA	NA	NA
ACROLEIN	NC	µg/L	NA	NA	NA	NA	NA
ACRYLONITRILE	NC	µg/L	50U	6.8U	NA	NA	NA
ALLYL CHLORIDE	NC	µg/L	NA	NA	NA	NA	NA
BENZENE	1(S)	µg/L	[14.9]	[14]	[11.9]	[12.9]	[13.1]
BROMOCHLOROMETHANE	NC	µg/L	5.0U	NA	5.0U	5.0U	5.0U
BROMODICHLOROMETHANE	50(G)	µg/L	1.0U	0.93U	1.0U	1.0U	1.0U
BROMOFORM	50(G)	µg/L	4.0U	1.1U	4.0U	4.0U	4.0U
BROMOMETHANE	5(S)	µg/L	2.0U	1.6U	2.0U	2.0U	2.0U
CARBON DISULFIDE	60(G)	µg/L	2.0U	1.1UJ	2.0U	2.0U	2.0U
CARBON TETRACHLORIDE	5(S)	µg/L	1.0U	1.1U	1.0U	1.0U	1.0U
CHLOROBENZENE	5(S)	µg/L	[13.5]	[5.1]	[7.0]	[6.4]	2.4
CHLORODIBROMOMETHANE	50(G)	µg/L	1.0U	0.65U	1.0U	1.0U	1.0U

Notes:

U - Non detect; J - estimated value; R - rejected value;

EMPC - estimated maximum possible concentration; K - congener estimated maximum possible concentration.

NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 18
Honeywell
SCA Hydrogeologic Investigation
Deep Monitoring Wells
Method 8260/8015 Volatile Organic Compound Data

Parameter Name	New York State Class GA Standards	Field Sample ID	SCA-0020-02	SCA-0032-03	SCA-0040-03	SCA-0047-03	SCA-0056-05
		Location	SB915-WB-04L	SB915-WB-04L	SB915-WB-04L	SB915-WB-04L	SB915-WB-04L
		Sample Date	9/23/2011	12/13/2011	3/19/2012	5/10/2012	7/17/2012
		Sample Depth	89-99 FT	89-99 FT	89-99 FT	89-99 FT	89-99 FT
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Units					
CHLOROETHANE	5(S)	µg/L	1.0U	0.75UJ	1.0U	1.0UJ	1.0U
CHLOROFORM	7(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U
CHLOROMETHANE	5(S)	µg/L	1.0U	1.4U	1.0U	1.0U	1.0U
CHLOROPRENE	NC	µg/L	NA	NA	NA	NA	NA
CIS-1,2-DICHLOROETHENE	5(G)	µg/L	[19.6]	[21]	[17.5]	[19.0]	[17.2]
CIS-1,3-DICHLOROPROPENE	0.4(S)	µg/L	1.0U	0.73U	1.0U	1.0U	1.0U
CYCLOHEXANE	NC	µg/L	NA	0.60U	NA	NA	NA
DIBROMOMETHANE	NC	µg/L	5.0U	NA	5.0U	5.0U	5.0U
DICHLORODIFLUOROMETHANE	5(S)	µg/L	NA	0.64U	NA	NA	NA
ETHANE, PENTACHLORO-	NC	µg/L	NA	NA	NA	NA	NA
ETHYL CYANIDE	NC	µg/L	NA	NA	NA	NA	NA
ETHYL METHACRYLATE	NC	µg/L	NA	NA	NA	NA	NA
ETHYLBENZENE	5(S)	µg/L	1.0U	0.62U	1.0U	1.0U	1.0U
IODOMETHANE	NC	µg/L	NA	NA	NA	NA	NA
ISOBUTANOL	NC	µg/L	NA	NA	NA	NA	NA
ISOPROPANOL	NC	µg/L	NA	NA	NA	NA	NA
ISOPROPYLBENZENE	5(G)	µg/L	NA	0.53U	NA	NA	NA
METHYL ACETATE	NC	µg/L	NA	1.2UJ	NA	NA	NA
METHYL METHACRYLATE	NC	µg/L	NA	NA	NA	NA	NA
METHYL TERT-BUTYL ETHER	10(G)	µg/L	NA	1.0U	NA	NA	NA
METHYLCYCLOHEXANE	NC	µg/L	NA	0.56U	NA	NA	NA
METHYLENE CHLORIDE	5(S)	µg/L	2.0U	1.1U	2.0U	2.0U	2.0U
O-XYLENE	5(S)	µg/L	NA	0.73U	NA	NA	NA
STYRENE	5(S)	µg/L	5.0U	0.64U	5.0U	5.0U	5.0U
TETRACHLOROETHENE	5(S)	µg/L	1.0U	0.82U	1.0U	1.0U	1.0U
TOLUENE	5(S)	µg/L	1.0U	0.85U	1.0U	1.0U	1.0U
TRANS-1,2-DICHLOROETHENE	5(G)	µg/L	1.8	0.93J	1.3	1.1	0.83J
TRANS-1,3-DICHLOROPROPENE	0.4(S)	µg/L	1.0U	0.58U	1.0U	1.0U	1.0U
TRANS-1,4-DICHLORO-2-BUTENE	NC	µg/L	5.0U	0.81U	5.0U	5.0U	5.0U
TRICHLOROETHENE	5(S)	µg/L	1.0U	0.80U	1.0U	1.0U	1.0U
TRICHLOROFLUOROMETHANE	5(S)	µg/L	5.0U	1.1UJ	5.0U	5.0U	5.0U
VINYL ACETATE	NC	µg/L	10U	0.86U	10U	10U	10U
VINYL CHLORIDE	2(S)	µg/L	1.0U	1.3U	1.0U	1.0U	1.0U
XYLENES, M & P	5(S)	µg/L	NA	1.3U	NA	NA	NA
XYLENES, TOTAL	5(S)	µg/L	1.0U	2.0U	1.0U	1.0U	1.0U

Notes:

U - Non detect; J - estimated value; R - rejected value;

EMPC - estimated maximum possible concentration; K - congener estimated maximum possible concentration.

NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 19
Honeywell
SCA Hydrogeologic Investigation
Deep Monitoring Wells
Method 8270 Semivolatile Organic Compound Data

Field Sample ID	SCA-0002-03	SCA-0003-03	SCA-0006-06	SCA-0005-03	SCA-0014-04	SCA-0001-02
Location	SB915-MW-88D	SB915-MW-89D	SB915-MW-91D	SB915-MW-92D	SB915-MW-93D	SB915-WB-02L
Sample Date	3/11/2011	3/14/2011	3/17/2011	3/16/2011	9/19/2011	3/10/2011
Sample Depth	59-69 FT	63-73 FT	125-135 FT	92-102 FT	52-62 FT	94-104 FT
Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
Parameter Name	New York State Class GA Standards	Units	Regular sample	Regular sample	Regular sample	Regular sample
[1,1-BIPHENYL]-4,4-DIAMINE, 3,3-DIMETHYL-	NC	µg/L	5.0UJ	5.0UJ	5.0UJ	5.0R
1,2,4,5-TETRACHLOROBENZENE	NC	µg/L	2.0U	2.0U	2.0U	2.0U
1,2,4-TRICHLOROBENZENE	5(S)	µg/L	1.0U	1.0U	1.0U	1.0U
1,2-DICHLOROBENZENE	3(S)	µg/L	[35.9]	[9.9]	1.9	[4.1]
1,3,5-TRINITROBENZENE	NC	µg/L	5.0U	5.0U	5.0U	5.0U
1,3-DICHLOROBENZENE	3(S)	µg/L	1.0U	1.0U	1.0U	1.0U
1,3-DINITROBENZENE	NC	µg/L	5.0U	5.0U	5.0U	5.0UJ
1,4-DICHLOROBENZENE	3(S)	µg/L	[27.9]	[4.6]	1.3	[12.6]
1,4-NAPHTHOQUINONE	NC	µg/L	5.0U	5.0U	5.0U	5.0U
2,2'-OXYBIS(1-CHLOROPROPANE)	NC	µg/L	2.0U	2.0U	2.0U	2.0U
2,3,4,6-TETRACHLOROPHENOL	NC	µg/L	5.0U	5.0U	5.0U	5.0U
2,4,5-TRICHLOROPHENOL	1(S)	µg/L	5.0U	5.0U	5.0U	5.0U
2,4,6-TRICHLOROPHENOL	1(S)	µg/L	5.0U	5.0U	5.0U	5.0U
2,4-DICHLOROPHENOL	1(S)	µg/L	5.0U	5.0U	5.0U	5.0U
2,4-DIMETHYLPHENOL	50(G)	µg/L	5.0U	5.0U	5.0U	5.0U
2,4-DINITROPHENOL	10(G)	µg/L	20U	20U	20U	20U
2,4-DINITROTOLUENE	5(S)	µg/L	2.0U	2.0U	2.0U	2.0UJ
2,6-DICHLOROPHENOL	NC	µg/L	5.0U	5.0U	5.0U	5.0U
2,6-DINITROTOLUENE	5(S)	µg/L	2.0U	2.0U	2.0U	2.0U
2-ACETYLAMINOFUORENE (TIC)	NC	µg/L	5.0U	5.0U	5.0U	5.0UJ
2-CHLORONAPHTHALENE	10(G)	µg/L	2.0U	2.0U	2.0U	2.0U
2-CHLOROPHENOL	1(S)	µg/L	5.0U	5.0U	5.0U	5.0U
2-METHYLNAPHTHALENE	NC	µg/L	1.0U	1.0U	1.0U	1.0U
2-METHYLPHENOL	1(S)	µg/L	2.0U	2.0U	2.0U	2.0U
2-NAPHTHYLAMINE	NC	µg/L	5.0U	5.0U	5.0U	5.0UJ
2-NITROANILINE	5(S)	µg/L	5.0U	5.0UJ	5.0U	5.0UJ
2-NITROPHENOL	1(S)	µg/L	5.0U	5.0U	5.0U	5.0U
3&4-METHYLPHENOL	NC	µg/L	2.0U	2.0U	2.0U	2.0U
3,3'-DICHLOROBENZIDINE	NC	µg/L	5.0U	5.0U	5.0U	5.0UJ
3-METHYLCHOLANTHRENE	NC	µg/L	5.0U	5.0U	5.0U	5.0U
3-NITROANILINE	5(S)	µg/L	5.0U	5.0U	5.0U	5.0U
4,6-DINITRO-2-METHYLPHENOL	1(S)	µg/L	20U	20U	20UJ	20U
4-AMINOBIIPHENYL	NC	µg/L	5.0UJ	5.0UJ	5.0U	5.0UJ
4-BROMOPHENYL PHENYL ETHER	5(S)	µg/L	2.0U	2.0U	2.0U	2.0U
4-CHLORO-3-METHYLPHENOL	1(S)	µg/L	5.0U	5.0U	5.0U	5.0UJ
4-CHLOROANILINE	5(S)	µg/L	5.0U	5.0U	5.0U	5.0U
4-CHLOROPHENYL PHENYL ETHER	5(S)	µg/L	2.0U	2.0U	2.0U	2.0U
4-NITROANILINE	5(S)	µg/L	5.0U	5.0U	5.0U	5.0U
4-NITROPHENOL	1(S)	µg/L	10UJ	10U	10UJ	10UJ
5-NITRO-O-TOLUIDINE	NC	µg/L	5.0U	5.0U	5.0U	5.0U

Notes:

U - Non detect; J - estimated value; R - rejected value;

EMPC - estimated maximum possible concentration; K - congener estimated maximum possible concentration.

NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 19
Honeywell
SCA Hydrogeologic Investigation
Deep Monitoring Wells
Method 8270 Semivolatile Organic Compound Data

Parameter Name	New York State Class GA Standards	Field Sample ID	SCA-0002-03	SCA-0003-03	SCA-0006-06	SCA-0005-03	SCA-0014-04	SCA-0001-02
		Location	SB915-MW-88D	SB915-MW-89D	SB915-MW-91D	SB915-MW-92D	SB915-MW-93D	SB915-WB-02L
		Sample Date	3/11/2011	3/14/2011	3/17/2011	3/16/2011	9/19/2011	3/10/2011
		Sample Depth	59-69 FT	63-73 FT	125-135 FT	92-102 FT	52-62 FT	94-104 FT
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Units						
7,12-DIMETHYLBENZ(A)ANTHRACENE	NC	µg/L	5.0U	5.0U	5.0UJ	5.0U	5.0UJ	5.0U
ACENAPHTHENE	20(G)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
ACENAPHTHYLENE	NC	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
ACETOPHENONE	NC	µg/L	2.0U	2.0U	2.0U	2.0U		2.0U
ALPHA-NAPHTHYLAMINE	NC	µg/L	5.0U	5.0U	5.0U	5.0U	5.0UJ	5.0U
ANTHRACENE	50(G)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
BENZENAMINE, N,N-DIMETHYL-4-(PEHNYLAZO)-	NC	µg/L	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
BENZENEACETIC ACID, 4-CHLORO-ALPHA-(4-CHLOROPHENYL)-	NC	µg/L	5.0UJ	5.0UJ	5.0UJ	5.0U	5.0U	5.0UJ
BENZO(A)ANTHRACENE	0.002(G)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
BENZO(A)PYRENE	NC	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
BENZO(B)FLUORANTHENE	0.002(G)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
BENZO(G,H,I)PERYLENE	NC	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
BENZO(K)FLUORANTHENE	0.002(G)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
BENZYL ALCOHOL	NC	µg/L	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U
BIS(2-CHLOROETHOXY)METHANE	5(S)	µg/L	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U
BIS(2-CHLOROETHYL)ETHER	1(S)	µg/L	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U
BIS(2-ETHYLHEXYL)PHTHALATE	5(S)	µg/L	2.0U	2.0U	2.0U	2.0U	2U	2.0U
BUTYLBENZYL PHTHALATE	50(G)	µg/L	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U
CARBAMOTHIOIC ACID, BIS(1-METHYLETHYL)-S-(2,3-DICHLORO	NC	µg/L	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
CHRYSENE	0.002(G)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
DI-N-BUTYL PHTHALATE	50(S)	µg/L	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U
DI-N-OCTYL PHTHALATE	50(G)	µg/L	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U
DIBENZO(A,H)ANTHRACENE	NC	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
DIBENZOFURAN	NC	µg/L	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
DIETHYL PHTHALATE	50(G)	µg/L	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U
DIMETHYL PHTHALATE	50(G)	µg/L	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U
FLUORANTHENE	50(G)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
FLUORENE	50(G)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
HEXACHLOROBENZENE	0.04(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
HEXACHLOROBUTADIENE	0.5(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0UJ	1.0U
HEXACHLOROCYCLOPENTADIENE	5(S)	µg/L	20U	20U	20U	20U	20UJ	20U
HEXACHLOROETHANE	5(S)	µg/L	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U
HEXACHLOROPROPENE	NC	µg/L	5.0U	5.0U	5.0U	5.0U	5.0UJ	5.0U
INDENO(1,2,3-CD)PYRENE	0.002(G)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
ISODRIN	NC	µg/L	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
ISOPHORONE	50(G)	µg/L	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U
ISOSAFROLE	NC	µg/L	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
KEPONE	NC	µg/L	30UJ	30UJ	30UJ	30UJ	30UJ	30UJ
METHANESULFONIC ACID, ETHYL ESTER	NC	µg/L	5.0U	5.0UJ	5.0UJ	5.0U	5.0U	5.0U
METHAPYRILENE	NC	µg/L	5.0UJ	5.0UJ	5.0UJ	5.0UJ	5.0UJ	5.0UJ

Notes:

U - Non detect; J - estimated value; R - rejected value;

EMPC - estimated maximum possible concentration; K - congener estimated maximum possible concentration.

NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 19
Honeywell
SCA Hydrogeologic Investigation
Deep Monitoring Wells
Method 8270 Semivolatile Organic Compound Data

Parameter Name	New York State Class GA Standards	Field Sample ID Location Sample Date Sample Depth Sample Purpose Units	SCA-0002-03 SB915-MW-88D 3/11/2011 59-69 FT Regular sample Regular sample	SCA-0003-03 SB915-MW-89D 3/14/2011 63-73 FT Regular sample Regular sample	SCA-0006-06 SB915-MW-91D 3/17/2011 125-135 FT Regular sample Regular sample	SCA-0005-03 SB915-MW-92D 3/16/2011 92-102 FT Regular sample Regular sample	SCA-0014-04 SB915-MW-93D 9/19/2011 52-62 FT Regular sample Regular sample	SCA-0001-02 SB915-WB-02L 3/10/2011 94-104 FT Regular sample Regular sample
METHYL METHANESULFONATE	NC	µg/L	5.0U	5.0U	5.0U	5.0U	5.0UJ	5.0U
N-NITROSO-DI-N-PROPYLAMINE	NC	µg/L	2.0UJ	2.0UJ	2.0UJ	2.0UJ	2.0U	2.0UJ
N-NITROSODI-N-BUTYLAMINE	NC	µg/L	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
N-NITROSODIETHYLAMINE	NC	µg/L	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
N-NITROSODIMETHYLAMINE	NC	µg/L	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U
N-NITROSODIPHENYLAMINE	50(G)	µg/L	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
N-NITROSOMETHYLETHYLAMINE	NC	µg/L	5.0U	5.0U	5.0U	5.0U	5.0UJ	5.0U
N-NITROSOPIPERIDINE	NC	µg/L	5.0U	5.0U	5.0U	5.0U	5.0UJ	5.0U
N-NITROSOPYRROLIDINE	NC	µg/L	5.0U	5.0U	5.0U	5.0U	5.0UJ	5.0U
N-PHENYLANILINE	NC	µg/L	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
NAPHTHALENE	10(G)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
NITROBENZENE	0.4(S)	µg/L	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U
O,O,O-TRIETHYL PHOSPHOROTHIOATE	NC	µg/L	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
O,O-DIETHYL-O-(2-PYRAZINY)PHOSPHOROTHIOATE	NC	µg/L	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
O-TOLUIDINE	NC	µg/L	5.0UJ	5.0U	5.0UJ	5.0UJ	5.0U	5.0UJ
P-PHENYLENEDIAMINE	NC	µg/L	5.0UJ	5.0UJ	5.0R	5.0R	5.0UJ	5.0UJ
PENTACHLOROBENZENE	NC	µg/L	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
PENTACHLORONITROBENZENE	NC	µg/L	5.0UJ	5.0UJ	5.0UJ	5.0UJ	5.0UJ	5.0UJ
PENTACHLOROPHENOL	1(S)	µg/L	10U	10U	10U	10U	10U	10U
PHENACETIN	NC	µg/L	5.0UJ	5.0UJ	5.0UJ	5.0UJ	5.0U	5.0UJ
PHENANTHRENE	50(G)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
PHENOL	1(S)	µg/L	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U
PRONAMIDE	NC	µg/L	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
PYRENE	50(G)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
SAFROLE	NC	µg/L	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U

Notes:

U - Non detect; J - estimated value; R - rejected value;

EMPC - estimated maximum possible concentration; K - congeners estimated maximum possible concentration.

NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 19
Honeywell
SCA Hydrogeologic Investigation
Deep Monitoring Wells
Method 8270 Semivolatile Organic Compound Data

Parameter Name	New York State Class GA Standards	Field Sample ID	SCA-0004-04
		Location	SB915-WB-04L
		Sample Date	3/15/2011
		Sample Depth	89-99 FT
		Sample Purpose	Regular sample
		Units	
[1,1-BIPHENYL]-4,4-DIAMINE, 3,3-DIMETHYL-	NC	µg/L	5.0UJ
1,2,4,5-TETRACHLOROBENZENE	NC	µg/L	2.0U
1,2,4-TRICHLOROBENZENE	5(S)	µg/L	1.0U
1,2-DICHLOROBENZENE	3(S)	µg/L	1.0U
1,3,5-TRINITROBENZENE	NC	µg/L	5.0U
1,3-DICHLOROBENZENE	3(S)	µg/L	1.0U
1,3-DINITROBENZENE	NC	µg/L	5.0U
1,4-DICHLOROBENZENE	3(S)	µg/L	1.0U
1,4-NAPHTHOQUINONE	NC	µg/L	5.0U
2,2'-OXYBIS(1-CHLOROPROPANE)	NC	µg/L	2.0U
2,3,4,6-TETRACHLOROPHENOL	NC	µg/L	5.0U
2,4,5-TRICHLOROPHENOL	1(S)	µg/L	5.0U
2,4,6-TRICHLOROPHENOL	1(S)	µg/L	5.0U
2,4-DICHLOROPHENOL	1(S)	µg/L	5.0U
2,4-DIMETHYLPHENOL	50(G)	µg/L	5.0U
2,4-DINITROPHENOL	10(G)	µg/L	20U
2,4-DINITROTOLUENE	5(S)	µg/L	2.0U
2,6-DICHLOROPHENOL	NC	µg/L	5.0U
2,6-DINITROTOLUENE	5(S)	µg/L	2.0U
2-ACETYLAMINOFUORENE (TIC)	NC	µg/L	5.0U
2-CHLORONAPHTHALENE	10(G)	µg/L	2.0U
2-CHLOROPHENOL	1(S)	µg/L	5.0U
2-METHYLNAPHTHALENE	NC	µg/L	1.0U
2-METHYLPHENOL	1(S)	µg/L	2.0U
2-NAPHTHYLAMINE	NC	µg/L	5.0U
2-NITROANILINE	5(S)	µg/L	5.0U
2-NITROPHENOL	1(S)	µg/L	5.0U
3&4-METHYLPHENOL	NC	µg/L	2.0U
3,3'-DICHLOROBENZIDINE	NC	µg/L	5.0U
3-METHYLCHOLANTHRENE	NC	µg/L	5.0U
3-NITROANILINE	5(S)	µg/L	5.0U
4,6-DINITRO-2-METHYLPHENOL	1(S)	µg/L	20U
4-AMINOBIIPHENYL	NC	µg/L	5.0UJ
4-BROMOPHENYL PHENYL ETHER	5(S)	µg/L	2.0U
4-CHLORO-3-METHYLPHENOL	1(S)	µg/L	5.0U
4-CHLOROANILINE	5(S)	µg/L	5.0U
4-CHLOROPHENYL PHENYL ETHER	5(S)	µg/L	2.0U
4-NITROANILINE	5(S)	µg/L	5.0U
4-NITROPHENOL	1(S)	µg/L	10UJ
5-NITRO-O-TOLUIDINE	NC	µg/L	5.0U

Notes:

U - Non detect; J - estimated value; R - rejected value;

EMPC - estimated maximum possible concentration; K - congener estimated maximum possible concentration.

NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 19
Honeywell
SCA Hydrogeologic Investigation
Deep Monitoring Wells
Method 8270 Semivolatile Organic Compound Data

Parameter Name	New York State	Field Sample ID	SCA-0004-04
	Class GA	Location	SB915-WB-04L
Standards	Units	Sample Date	3/15/2011
		Sample Depth	89-99 FT
		Sample Purpose	Regular sample
7,12-DIMETHYLBENZ(A)ANTHRACENE	NC	µg/L	5.0U
ACENAPHTHENE	20(G)	µg/L	1.0U
ACENAPHTHYLENE	NC	µg/L	1.0U
ACETOPHENONE	NC	µg/L	2.0U
ALPHA-NAPHTHYLAMINE	NC	µg/L	5.0U
ANTHRACENE	50(G)	µg/L	1.0U
BENZENAMINE, N,N-DIMETHYL-4-(PEHNYLAZO)-	NC	µg/L	5.0U
BENZENEACETIC ACID, 4-CHLORO-ALPHA-(4-CHLOROPHENYL)-	NC	µg/L	5.0UJ
BENZO(A)ANTHRACENE	0.002(G)	µg/L	1.0U
BENZO(A)PYRENE	NC	µg/L	1.0U
BENZO(B)FLUORANTHENE	0.002(G)	µg/L	1.0U
BENZO(G,H,I)PERYLENE	NC	µg/L	1.0U
BENZO(K)FLUORANTHENE	0.002(G)	µg/L	1.0U
BENZYL ALCOHOL	NC	µg/L	2.0U
BIS(2-CHLOROETHOXY)METHANE	5(S)	µg/L	2.0U
BIS(2-CHLOROETHYL)ETHER	1(S)	µg/L	2.0U
BIS(2-ETHYLHEXYL)PHTHALATE	5(S)	µg/L	2.0U
BUTYLBENZYL PHTHALATE	50(G)	µg/L	2.0U
CARBAMOTHIOIC ACID, BIS(1-METHYLETHYL)-S-(2,3-DICHLORO	NC	µg/L	5.0U
CHRYSENE	0.002(G)	µg/L	1.0U
DI-N-BUTYL PHTHALATE	50(S)	µg/L	2.0U
DI-N-OCTYL PHTHALATE	50(G)	µg/L	2.0U
DIBENZO(A,H)ANTHRACENE	NC	µg/L	1.0U
DIBENZOFURAN	NC	µg/L	5.0U
DIETHYL PHTHALATE	50(G)	µg/L	2.0U
DIMETHYL PHTHALATE	50(G)	µg/L	2.0U
FLUORANTHENE	50(G)	µg/L	1.0U
FLUORENE	50(G)	µg/L	1.0U
HEXACHLOROBENZENE	0.04(S)	µg/L	1.0U
HEXACHLOROBUTADIENE	0.5(S)	µg/L	1.0U
HEXACHLOROCYCLOPENTADIENE	5(S)	µg/L	20U
HEXACHLOROETHANE	5(S)	µg/L	2.0U
HEXACHLOROPROPENE	NC	µg/L	5.0U
INDENO(1,2,3-CD)PYRENE	0.002(G)	µg/L	1.0U
ISODRIN	NC	µg/L	5.0U
ISOPHORONE	50(G)	µg/L	2.0U
ISOSAFROLE	NC	µg/L	5.0U
KEPONE	NC	µg/L	30UJ
METHANESULFONIC ACID, ETHYL ESTER	NC	µg/L	5.0U
METHAPYRILENE	NC	µg/L	5.0UJ

Notes:

U - Non detect; J - estimated value; R - rejected value;

EMPC - estimated maximum possible concentration; K - congener estimated maximum possible concentration.

NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 19
Honeywell
SCA Hydrogeologic Investigation
Deep Monitoring Wells
Method 8270 Semivolatile Organic Compound Data

Parameter Name	New York State	Field Sample ID	SCA-0004-04
	Class GA	Location	SB915-WB-04L
		Sample Date	3/15/2011
		Sample Depth	89-99 FT
	Standards	Sample Purpose	Regular sample
		Units	
METHYL METHANESULFONATE	NC	µg/L	5.0U
N-NITROSO-DI-N-PROPYLAMINE	NC	µg/L	2.0UJ
N-NITROSODI-N-BUTYLAMINE	NC	µg/L	5.0U
N-NITROSODIETHYLAMINE	NC	µg/L	5.0U
N-NITROSODIMETHYLAMINE	NC	µg/L	2.0U
N-NITROSODIPHENYLAMINE	50(G)	µg/L	5.0U
N-NITROSOMETHYLETHYLAMINE	NC	µg/L	5.0U
N-NITROSOPIPERIDINE	NC	µg/L	5.0U
N-NITROSOPYRROLIDINE	NC	µg/L	5.0U
N-PHENYLANILINE	NC	µg/L	5.0U
NAPHTHALENE	10(G)	µg/L	1.0U
NITROBENZENE	0.4(S)	µg/L	2.0U
O,O,O-TRIETHYL PHOSPHOROTHIOATE	NC	µg/L	5.0U
O,O-DIETHYL-O-(2-PYRAZINY)PHOSPHOROTHIOATE	NC	µg/L	5.0U
O-TOLUIDINE	NC	µg/L	5.0UJ
P-PHENYLENEDIAMINE	NC	µg/L	5.0UJ
PENTACHLOROBENZENE	NC	µg/L	5.0U
PENTACHLORONITROBENZENE	NC	µg/L	5.0UJ
PENTACHLOROPHENOL	1(S)	µg/L	10U
PHENACETIN	NC	µg/L	5.0UJ
PHENANTHRENE	50(G)	µg/L	1.0U
PHENOL	1(S)	µg/L	2.0U
PRONAMIDE	NC	µg/L	5.0U
PYRENE	50(G)	µg/L	1.0U
SAFROLE	NC	µg/L	5.0U

Notes:

U - Non detect; J - estimated value; R - rejected value;

EMPC - estimated maximum possible concentration; K - congeners estimated maximum possible concentration.

NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 20
Honeywell
SCA Hydrogeologic Investigation
Deep Monitoring Wells
Method 8081/8141/8151 Pesticide and Herbicide Data

Parameter Name	New York State Class GA Standards	Field Sample ID	SCA-0002-03	SCA-0003-03	SCA-0006-06	SCA-0005-03	SCA-0014-04	SCA-0001-02
		Location	SB915-MW-88D	SB915-MW-89D	SB915-MW-91D	SB915-MW-92D	SB915-MW-93D	SB915-WB-02L
		Sample Date	3/11/2011	3/14/2011	3/17/2011	3/16/2011	9/19/2011	3/10/2011
		Sample Depth	59-69 FT	63-73 FT	125-135 FT	92-102 FT	52-62 FT	94-104 FT
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
	Units							
4,4'-DDD	0.3(S)	µg/L	0.020U	0.020U	0.020U	0.020U	0.010U	0.020U
4,4'-DDE	0.2(S)	µg/L	0.020U	0.020U	0.020U	0.020U	0.010U	0.020U
4,4'-DDT	0.2(S)	µg/L	0.020U	0.020U	0.020U	0.020U	0.010U	0.020U
ALDRIN	NC	µg/L	0.020U	0.020U	0.020U	0.020U	0.010U	0.020U
ALPHA-BHC	0.01(S)	µg/L	0.020U	0.020U	0.020U	0.020U	0.010U	0.020U
ALPHA-CHLORDANE	NC	µg/L	0.020U	0.020U	0.020U	0.020U	0.010U	0.020U
BETA-BHC	0.04(S)	µg/L	0.020U	0.020U	0.020U	0.020U	0.010U	0.020U
BETA-CHLORDANE	NC	µg/L	0.020U	0.020U	0.020U	0.020U	0.010U	0.020U
CONSTITUENTS OF CHLORDANE (ALPHA, BETA, AND GAMMA)	NC	µg/L	0.50U	0.50U	0.50U	0.50U	0.50U	0.50U
DELTA-BHC	0.04(S)	µg/L	0.020U	0.020U	0.020U	0.020U	0.010U	0.020U
DIELDRIN	0.004(S)	µg/L	0.020U	0.020U	0.020U	0.020U	0.010U	0.020U
ENDOSULFAN I	NC	µg/L	0.020U	0.020U	0.020U	0.020U	0.010U	0.020U
ENDOSULFAN II	NC	µg/L	0.020U	0.020U	0.020U	0.020U	0.010U	0.020U
ENDOSULFAN SULFATE	NC	µg/L	0.020U	0.020U	0.020U	0.020U	0.010U	0.020U
ENDRIN	NC	µg/L	0.020U	0.020U	0.020U	0.020U	0.010U	0.020U
ENDRIN ALDEHYDE	0.5(S)	µg/L	0.020U	0.020U	0.020U	0.020U	0.010U	0.020U
ENDRIN KETONE	NC	µg/L	0.020U	0.020U	0.020U	0.020U	0.010U	0.020U
GAMMA-BHC (LINDANE)	NC	µg/L	0.020U	0.020U	0.020U	0.020U	0.010U	0.020U
HEPTACHLOR	0.04(S)	µg/L	0.020U	0.020U	0.020U	0.020U	0.010U	0.020U
HEPTACHLOR EPOXIDE	0.03(S)	µg/L	0.020U	0.020U	0.020U	0.020U	0.010U	0.020U
METHOXYCHLOR	35(S)	µg/L	0.020U	0.020U	0.020U	0.020U	0.020U	0.020U
TOXAPHENE	0.09(S)	µg/L	0.25U	0.25U	0.25U	0.25U	0.25U	0.25U
DISULFOTON	NC	µg/L	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U
ETHYL PARATHION	NC	µg/L	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U
FAMPHUR	NC	µg/L	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U
METHYL PARATHION	NC	µg/L	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U
PHORATE	NC	µg/L	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U
PHOSPHORODITHIOIC ACID, O,O-DIMETHYL S-[2-(METHYLAMINO)-	NC	µg/L	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U
2,4,5-T	NC	µg/L	0.10U	0.10U	0.11U	0.10U	0.10U	0.10U
2,4,5-TP (SILVEX)	NC	µg/L	0.10U	0.10U	0.11U	0.10U	0.10U	0.10U
2,4-D	NC	µg/L	0.50U	0.50U	0.53U	0.50U	0.50U	0.50U
DINOSEB	NC	µg/L	0.50U	0.50U	0.53U	0.50U	0.50U	0.50U

Notes:

U - Non detect; J - estimated value; R - rejected value;

EMPC - estimated maximum possible concentration; K - congener estimated maximum possible concentration.

NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 20
Honeywell
SCA Hydrogeologic Investigation
Deep Monitoring Wells
Method 8081/8141/8151 Pesticide and Herbicide Data

Parameter Name	New York State Class GA Standards	Field Sample ID Location Sample Date Sample Depth Sample Purpose Units	SCA-0004-04 SB915-WB-04L 3/15/2011 89-99 FT Regular sample
4,4'-DDD	0.3(S)	µg/L	0.021U
4,4'-DDE	0.2(S)	µg/L	0.021U
4,4'-DDT	0.2(S)	µg/L	0.021U
ALDRIN	NC	µg/L	0.021U
ALPHA-BHC	0.01(S)	µg/L	0.021U
ALPHA-CHLORDANE	NC	µg/L	0.021U
BETA-BHC	0.04(S)	µg/L	0.021U
BETA-CHLORDANE	NC	µg/L	0.021U
CONSTITUENTS OF CHLORDANE (ALPHA, BETA, AND GAMMA)	NC	µg/L	0.53U
DELTA-BHC	0.04(S)	µg/L	0.021U
DIELDRIN	0.004(S)	µg/L	0.021U
ENDOSULFAN I	NC	µg/L	0.021U
ENDOSULFAN II	NC	µg/L	0.021U
ENDOSULFAN SULFATE	NC	µg/L	0.021U
ENDRIN	NC	µg/L	0.021U
ENDRIN ALDEHYDE	0.5(S)	µg/L	0.021U
ENDRIN KETONE	NC	µg/L	0.021U
GAMMA-BHC (LINDANE)	NC	µg/L	0.021U
HEPTACHLOR	0.04(S)	µg/L	0.021U
HEPTACHLOR EPOXIDE	0.03(S)	µg/L	0.021U
METHOXYCHLOR	35(S)	µg/L	0.021U
TOXAPHENE	0.09(S)	µg/L	0.26U
DISULFOTON	NC	µg/L	2.0U
ETHYL PARATHION	NC	µg/L	2.0U
FAMPHUR	NC	µg/L	2.0U
METHYL PARATHION	NC	µg/L	2.0U
PHORATE	NC	µg/L	2.0U
PHOSPHORODITHIOIC ACID, O,O-DIMETHYL S-[2-(METHYLAMINO)-	NC	µg/L	2.0U
2,4,5-T	NC	µg/L	0.10U
2,4,5-TP (SILVEX)	NC	µg/L	0.10U
2,4-D	NC	µg/L	0.50U
DINOSEB	NC	µg/L	0.50U

Notes:

U - Non detect; J - estimated value; R - rejected value;

EMPC - estimated maximum possible concentration; K - congener estimated maximum possible concentration.

NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 21
Honeywell
SCA Hydrogeologic Investigation
Deep Monitoring Wells
Method 1668B High Resolution PCBs Data

	Field Sample ID	SCA-0002-03	SCA-0003-03	SCA-0006-06	SCA-0005-03	SCA-0014-04	SCA-0001-02
	Location	SB915-MW-88D	SB915-MW-89D	SB915-MW-91D	SB915-MW-92D	SB915-MW-93D	SB915-WB-02L
	Sample Date	3/11/2011	3/14/2011	3/17/2011	3/16/2011	9/19/2011	3/10/2011
	Sample Depth	59-69 FT	63-73 FT	125-135 FT	92-102 FT	52-62 FT	94-104 FT
Parameter Name	New York State Class GA Standards	Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Units					
TOTALS							
TOTAL DECACB	NC	pg/L	1.81U	0.928U	0.979U	1.19U	0.821U
TOTAL DICHLOROBIPHENYLS	NC	pg/L	63.6U	67.6U	52.9U	84.4U	250U
TOTAL HEPTACB	NC	pg/L	127	36.7U	10.4U	47.0U	7.82U
TOTAL HEXACB	NC	pg/L	321	78.5U	40.7U	176U	30.4U
TOTAL MONOCB	NC	pg/L	7.80U	6.14U	4.58U	8.82U	3.97J
TOTAL NONACHLOROBIPHENYLS	NC	pg/L	2.67U	1.45U	1.90U	1.52U	8.56U
TOTAL OCTACB	NC	pg/L	26.2	8.47	1.48U	5.21U	5.52U
TOTAL PENTACB	NC	pg/L	492	108U	95.5U	275U	126U
TOTAL TETRACB	NC	pg/L	327U	111U	94.6U	241U	167U
TOTAL TRICB	NC	pg/L	140U	89.3U	68.5U	139U	353UJ
CALCULATED TOTAL PCBs (post validation)	90000	pg/L	966.2	8.47	ND	ND	ND
TOTAL PCBs (lab reported prior to validation)	90000	pg/L	1510	507	365	978	906
CONGENERS							
10-DiCB	NC	pg/L	10.2U	0.559J	10.5U	0.887K	11.5U
109-PeCB	NC	pg/L	10.2U	1.05K	10.5U	1.08K	11.2U
112-PeCB	NC	pg/L	10.2U	10.2U	10.5U	10.1U	10.5U
142-HxCB	NC	pg/L	10.4U	10.2U	10.5U	10.1U	11.4U
143-HxCB	NC	pg/L	10.2U	10.2U	10.5U	10.1U	10.6U
160-HxCB	NC	pg/L	10.2U	10.2U	10.5U	10.1U	10.5U
161-HxCB	NC	pg/L	10.2U	10.2U	10.5U	10.1U	10.5U
162-HxCB	NC	pg/L	10.2U	10.2U	10.5U	10.1U	10.5U
164-HxCB	NC	pg/L	10.2U	10.2U	10.5U	10.1U	10.5U
165-HxCB	NC	pg/L	10.2U	10.2U	10.5U	10.1U	10.5U
2,2',3,3',4,4',5,5',6-NONACHLOROBIPHENYL	NC	pg/L	10.2U	10.2U	10.5U	10.1U	10.5U
2,2',3,3',4,4',6-HEPTACHLOROBIPHENYL	NC	pg/L	4.94K	20.5U	20.9U	20.3U	21.0U
2,2',3,3',4,5',6,6'-OCTACHLOROBIPHENYL	NC	pg/L	1.16K	10.2U	10.5U	10.1U	10.5U
2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	NC	pg/L	26.9K	8.00K	2.90J	8.83J	14.2
2,2',3,4,4',5',6-HEPTACHLOROBIPHENYL	NC	pg/L	12.9J	4.19J	20.9U	4.90K	21.0U
2,2',3,4,4',5-HEXACHLOROBIPHENYL	NC	pg/L	10.2U	10.2U	10.5U	10.1U	10.5U
2,2',3,4,5,5'-HEXACHLOROBIPHENYL	NC	pg/L	14.3	4.31J	10.5U	6.64J	10.5U
2,2',3,5'-TETRACHLOROBIPHENYL	NC	pg/L	53.4	14.8J	13.0K	36.3	32
2,2',4,4',5,5'-HEXACHLOROBIPHENYL	NC	pg/L	45.1	8.49J	6.29J	19.3	12.1K
2,2',4,4',5,6'-HEXACHLOROBIPHENYL	NC	pg/L	3.98K	10.2U	10.5U	10.1U	10.5U
2,2',5-TRICHLOROBIPHENYL	NC	pg/L	20.7K	15.9J	10.2J	26.1	56.3
2,3',4,4'-TETRACHLOROBIPHENYL	NC	pg/L	10.2U	2.46J	2.58J	3.82K	11.2U
2,3,3',4',6-PENTACHLOROBIPHENYL	NC	pg/L	63.1	16.1J	13.3J	33.3	21.8
2,3-DICHLOROBIPHENYL	NC	pg/L	10.2U	2.53K	10.5U	2.05J	29.8U
2,4',5-TRICHLOROBIPHENYL	NC	pg/L	16.2	12.2	11.7B	17.3B	32.9K
2-CHLOROBIPHENYL	NC	pg/L	7.80K	3.49J	10.5U	5.65K	3.97K

Notes:

U - Non detect; J - estimated value; R - rejected value;

EMPC - estimated maximum possible concentration; K - congener estimated maximum possible concentration.

NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 21
Honeywell
SCA Hydrogeologic Investigation
Deep Monitoring Wells
Method 1668B High Resolution PCBs Data

Parameter Name	New York State Class GA Standards	Field Sample ID	SCA-0002-03	SCA-0003-03	SCA-0006-06	SCA-0005-03	SCA-0014-04	SCA-0001-02
		Location	SB915-MW-88D	SB915-MW-89D	SB915-MW-91D	SB915-MW-92D	SB915-MW-93D	SB915-WB-02L
		Sample Date	3/11/2011	3/14/2011	3/17/2011	3/16/2011	9/19/2011	3/10/2011
		Sample Depth	59-69 FT	63-73 FT	125-135 FT	92-102 FT	52-62 FT	94-104 FT
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Units						
203-OcCB	NC	pg/L	4.17J	1.21K	0.467K	0.905K	10.5U	0.718K
21-TrCB C33	NC	pg/L	10.9J	8.30J	7.75J	11.8J	22.4K	113
59-TeCB C62/75	NC	pg/L	30.6U	1.54J	31.4U	30.4U	31.5U	6.84K
64-TeCB	NC	pg/L	8.44J	3.82K	4.16J	7.90J	13.2	15.3
72-TeCB	NC	pg/L	10.2U	10.2U	10.5U	10.1U	10.7U	9.60U
98-PeCB C102	NC	pg/L	4.62K	20.5U	20.9U	20.3U	21.0U	19.2U
PCB 118	NC	pg/L	38.6	10.9	10.1J	16.1	9.04K	12.0K
PCB 153	NC	pg/L	61.5	15.3J	8.33J	27.3	27.1	6.93K
PCB 209	NC	pg/L	1.81J	0.928K	0.979K	1.19K	10.5U	0.821K
PCB 52	NC	pg/L	94.8B	27.7	24.0B	66.4B	31.3K	77.8B
PCB-103	NC	pg/L	10.2U	10.2U	10.5U	10.1U	10.5U	9.60U
PCB-104	NC	pg/L	10.2U	10.2U	10.5U	10.1U	10.5U	9.60U
PCB-105	NC	pg/L	11.6	5.79K	4.87K	6.88J	10.5U	5.57K
PCB-106/118	NC	pg/L	10.2U	10.2U	10.5U	10.1U	12.6U	9.60U
PCB-107/109	NC	pg/L	20.4U	20.5U	20.9U	20.3U	21.0U	19.2U
PCB-11	NC	pg/L	19.6B	23.5B	20.0B	25.2B	24.7U	20.0B
PCB-111/115	NC	pg/L	10.2U	10.2U	10.5U	10.1U	10.5U	9.60U
PCB-114	NC	pg/L	10.2U	10.2U	10.5U	10.1U	12.5U	9.60U
PCB-12/13	NC	pg/L	20.4U	2.33J	1.70K	2.34J	25.1U	10.2J
PCB-120	NC	pg/L	10.2U	10.2U	10.5U	10.1U	10.5U	9.60U
PCB-121	NC	pg/L	10.2U	10.2U	10.5U	10.1U	10.5U	9.60U
PCB-122	NC	pg/L	10.2U	10.2U	10.5U	10.1U	13.0U	9.60U
PCB-123	NC	pg/L	10.2U	10.2U	10.5U	10.1U	10.5U	9.60U
PCB-126	NC	pg/L	10.2U	10.2U	10.5U	10.1U	10.5U	9.60U
PCB-127	NC	pg/L	10.2U	10.2U	10.5U	10.1U	11.0U	9.60U
PCB-128/162	NC	pg/L	20.4U	20.5U	20.9U	3.27J	21.0U	19.2U
PCB-129	NC	pg/L	48	15.4J	7.32J	23.3J	30.6K	3.57K
PCB-130	NC	pg/L	10.4U	10.2U	10.5U	10.1U	10.8U	9.60U
PCB-131	NC	pg/L	10.2U	10.2U	10.5U	10.1U	11.6U	9.60U
PCB-132/161	NC	pg/L	24.3	7.19J	5.01K	17.8K	18.7	4.19J
PCB-133/142	NC	pg/L	10.2U	10.2U	10.5U	10.1U	11.6U	9.60U
PCB-134/143	NC	pg/L	10.2U	10.2U	10.5U	10.1U	13.3U	9.60U
PCB-135	NC	pg/L	45.1	8.83J	5.68J	26.7	26.4	3.27J
PCB-136	NC	pg/L	17.7	3.79K	2.76K	13.8	8.71K	2.15K
PCB-139/149	NC	pg/L	20.4U	20.5U	20.9U	20.3U	21.0U	19.2U
PCB-14	NC	pg/L	10.2U	10.2U	10.5U	10.1U	24.3U	9.60U
PCB-144	NC	pg/L	3.63J	10.2U	10.5U	10.1U	10.5U	9.60U
PCB-145	NC	pg/L	10.2U	10.2U	10.5U	10.1U	10.5U	9.60U
PCB-146/165	NC	pg/L	13.1K	2.72J	10.5U	4.59J	10.5U	9.60U
PCB-147	NC	pg/L	82.7	19.3J	10.7K	48.2	47.4K	8.49K

Notes:

U - Non detect; J - estimated value; R - rejected value;

EMPC - estimated maximum possible concentration; K - congener estimated maximum possible concentration.

NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 21
Honeywell
SCA Hydrogeologic Investigation
Deep Monitoring Wells
Method 1668B High Resolution PCBs Data

Parameter Name	New York State Class GA Standards	Field Sample ID	SCA-0002-03	SCA-0003-03	SCA-0006-06	SCA-0005-03	SCA-0014-04	SCA-0001-02
		Location	SB915-MW-88D	SB915-MW-89D	SB915-MW-91D	SB915-MW-92D	SB915-MW-93D	SB915-WB-02L
		Sample Date	3/11/2011	3/14/2011	3/17/2011	3/16/2011	9/19/2011	3/10/2011
		Sample Depth	59-69 FT	63-73 FT	125-135 FT	92-102 FT	52-62 FT	94-104 FT
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Units						
PCB-148	NC	pg/L	10.2U	10.2U	10.5U	10.1U	10.5U	9.60U
PCB-15	NC	pg/L	6.76K	6.02J	4.24J	6.77J	20.6U	52.9
PCB-150	NC	pg/L	10.2U	10.2U	10.5U	10.1U	10.5U	9.60U
PCB-152	NC	pg/L	10.2U	10.2U	10.5U	10.1U	10.5U	9.60U
PCB-155	NC	pg/L	10.2U	10.2U	10.5U	10.1U	10.5U	9.60U
PCB-156	NC	pg/L	6.84K	1.64K	0.813K	1.58J	21.0U	1.79J
PCB-158/160	NC	pg/L	10.2U	10.2U	10.5U	2.40J	10.5U	9.60U
PCB-159	NC	pg/L	10.2U	10.2U	10.5U	10.1U	10.5U	9.60U
PCB-16/32	NC	pg/L	8.64K	5.05J	4.09K	11.7	30.6K	120
PCB-167	NC	pg/L	10.2U	10.2U	10.5U	0.797K	10.5U	9.60U
PCB-169	NC	pg/L	10.2U	10.2U	10.5U	10.1U	10.5U	9.60U
PCB-17	NC	pg/L	13.7	8.33K	6.38K	14	49.7	104
PCB-170	NC	pg/L	13.6K	3.38K	10.5U	4.62K	10.5U	9.60U
PCB-172	NC	pg/L	10.2U	10.2U	0.859J	10.1U	10.5U	9.60U
PCB-174	NC	pg/L	15.7K	6.08K	2.52J	8.30K	10.5U	2.73K
PCB-175	NC	pg/L	10.2U	10.2U	10.5U	10.1U	10.5U	9.60U
PCB-176	NC	pg/L	4.22K	0.955K	10.5U	1.82K	10.5U	9.60U
PCB-177	NC	pg/L	10.5	2.99J	10.5U	4.12K	10.5U	9.60U
PCB-178	NC	pg/L	3.93J	10.2U	10.5U	10.1U	10.5U	9.60U
PCB-179	NC	pg/L	9.51J	2.58K	1.78K	5.63J	6.38K	0.802K
PCB-180	NC	pg/L	22.2	7.51K	2.35J	8.84J	13.1K	2.33K
PCB-181	NC	pg/L	10.2U	10.2U	10.5U	10.1U	10.5U	9.60U
PCB-182/187	NC	pg/L	10.2U	10.2U	10.5U	10.1U	10.5U	9.60U
PCB-184	NC	pg/L	10.2U	10.2U	10.5U	10.1U	10.5U	9.60U
PCB-186	NC	pg/L	10.2U	10.2U	10.5U	10.1U	10.5U	9.60U
PCB-188	NC	pg/L	10.2U	10.2U	10.5U	10.1U	10.5U	9.60U
PCB-189	NC	pg/L	10.2U	10.2U	10.5U	10.1U	10.5U	9.60U
PCB-19	NC	pg/L	5.38K	2.66K	10.5U	5.16J	23.5K	23.7
PCB-190	NC	pg/L	2.88K	1.03J	10.5U	10.1U	10.5U	9.60U
PCB-191	NC	pg/L	10.2U	10.2U	10.5U	10.1U	10.5U	9.60U
PCB-192	NC	pg/L	10.2U	10.2U	10.5U	10.1U	10.5U	9.60U
PCB-194	NC	pg/L	6.44K	3.04K	10.5U	0.656J	10.5U	9.60U
PCB-195	NC	pg/L	3.37K	0.978K	10.5U	10.1U	10.5U	9.60U
PCB-196/203	NC	pg/L	4.27J	0.683K	10.5U	1.09K	10.5U	0.825K
PCB-197	NC	pg/L	20.4U	20.5U	20.9U	20.3U	21.0U	19.2U
PCB-198	NC	pg/L	6.77K	2.55J	1.02K	2.56K	21.0U	0.841K
PCB-2	NC	pg/L	10.2U	10.2U	10.5U	10.1U	10.5U	10.2
PCB-20/21/33	NC	pg/L	23.3K	17.5J	11.7J	21.2	41.7	176
PCB-202	NC	pg/L	10.2U	10.2U	10.5U	10.1U	10.5U	9.60U
PCB-204	NC	pg/L	10.2U	10.2U	10.5U	10.1U	10.5U	9.60U

Notes:

U - Non detect; J - estimated value; R - rejected value;

EMPC - estimated maximum possible concentration; K - congener estimated maximum possible concentration.

NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 21
Honeywell
SCA Hydrogeologic Investigation
Deep Monitoring Wells
Method 1668B High Resolution PCBs Data

Parameter Name	New York State Class GA Standards	Field Sample ID	SCA-0002-03	SCA-0003-03	SCA-0006-06	SCA-0005-03	SCA-0014-04	SCA-0001-02
		Location	SB915-MW-88D	SB915-MW-89D	SB915-MW-91D	SB915-MW-92D	SB915-MW-93D	SB915-WB-02L
		Sample Date	3/11/2011	3/14/2011	3/17/2011	3/16/2011	9/19/2011	3/10/2011
		Sample Depth	59-69 FT	63-73 FT	125-135 FT	92-102 FT	52-62 FT	94-104 FT
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Units						
PCB-205	NC	pg/L	10.2U	10.2U	10.5U	10.1U	10.5U	9.60U
PCB-207	NC	pg/L	10.2U	10.2U	10.5U	10.1U	10.5U	9.60U
PCB-208	NC	pg/L	10.2U	10.2U	10.5U	10.1U	10.5U	9.60U
PCB-22	NC	pg/L	8.15J	7.05J	4.34K	8.94J	19.1	73.8
PCB-23	NC	pg/L	10.2U	10.2U	10.5U	10.1U	10.5U	9.60U
PCB-24/27	NC	pg/L	10.2U	10.2U	10.5U	10.1U	10.5U	9.60U
PCB-25	NC	pg/L	5.55J	1.67J	1.62J	2.20J	6.48K	12.7
PCB-26	NC	pg/L	11.7J	4.96K	3.59J	5.35K	14.5K	42.1
PCB-27	NC	pg/L	5.29J	1.64J	10.5U	2.69K	20.3	17.6
PCB-3	NC	pg/L	10.2U	2.66K	10.5U	3.16K	10.5U	11.1
PCB-32	NC	pg/L	6.58K	4.08J	3.80K	7.02K	35.5	65.2
PCB-34	NC	pg/L	10.2U	10.2U	10.5U	10.1U	10.5U	9.60U
PCB-35	NC	pg/L	10.2U	10.2U	10.5U	10.1U	10.5U	9.60U
PCB-36	NC	pg/L	10.2U	10.2U	10.5U	10.1U	10.5U	9.60U
PCB-37	NC	pg/L	4.01J	10.2U	3.35K	5.75K	10.5U	16.7
PCB-38	NC	pg/L	10.2U	10.2U	10.5U	10.1U	10.5U	9.60U
PCB-39	NC	pg/L	10.2U	10.2U	10.5U	10.1U	10.5U	9.60U
PCB-4/10	NC	pg/L	14.7	11.3	10.4J	22.0B	63.7	23
PCB-40	NC	pg/L	18.0J	7.57J	5.45K	13.4K	21.0U	23.1
PCB-41/64/71/72	NC	pg/L	10.2U	10.2U	10.5U	10.1U	17.6U	7.53K
PCB-42/59	NC	pg/L	8.90K	2.60J	2.89J	6.02K	9.30J	11.7
PCB-43/49	NC	pg/L	10.2U	10.2U	10.5U	10.1U	16.8U	9.60U
PCB-45	NC	pg/L	14.0J	2.55K	2.05K	10.5J	21.0U	31.8
PCB-46	NC	pg/L	6.12J	1.39J	10.5U	2.56K	10.5U	10.6K
PCB-48/75	NC	pg/L	10.2U	2.86J	2.63K	4.77J	15.8U	17.1
PCB-49	NC	pg/L	45.6	9.46J	8.50K	26	17.1J	34
PCB-50	NC	pg/L	16.1J	2.87K	2.34K	9.47J	12.2K	23.3
PCB-54	NC	pg/L	1.37K	10.2U	10.5U	10.1U	10.5U	9.60U
PCB-55	NC	pg/L	10.2U	10.2U	10.5U	10.1U	11.2U	9.60U
PCB-56/60	NC	pg/L	5.52K	5.18J	3.03K	6.41J	10.5U	5.21K
PCB-57	NC	pg/L	10.2U	10.2U	10.5U	10.1U	11.1U	9.60U
PCB-58	NC	pg/L	10.2U	10.2U	10.5U	10.1U	11.3U	9.60U
PCB-6	NC	pg/L	4.21J	4.40J	2.79J	4.56J	23.8U	24.2
PCB-61/70	NC	pg/L	34.1J	16.4J	15.6J	30.3J	30.3K	24.8J
PCB-63	NC	pg/L	10.2U	10.2U	10.5U	10.1U	10.7U	9.60U
PCB-66	NC	pg/L	20.8	8.40K	7.13K	15.2	21.2K	12.3
PCB-67	NC	pg/L	10.2U	10.2U	10.5U	10.1U	10.5U	9.60U
PCB-68	NC	pg/L	10.2U	10.2U	10.5U	10.1U	10.7U	9.60U
PCB-7/9	NC	pg/L	10.2U	0.994K	10.5U	0.879K	25.2U	4.02J
PCB-73	NC	pg/L	10.2U	10.2U	10.5U	10.1U	12.2U	9.60U

Notes:

U - Non detect; J - estimated value; R - rejected value;

EMPC - estimated maximum possible concentration; K - congener estimated maximum possible concentration.

NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 21
Honeywell
SCA Hydrogeologic Investigation
Deep Monitoring Wells
Method 1668B High Resolution PCBs Data

Parameter Name	New York State Class GA Standards	Field Sample ID	SCA-0002-03	SCA-0003-03	SCA-0006-06	SCA-0005-03	SCA-0014-04	SCA-0001-02
		Location	SB915-MW-88D	SB915-MW-89D	SB915-MW-91D	SB915-MW-92D	SB915-MW-93D	SB915-WB-02L
		Sample Date	3/11/2011	3/14/2011	3/17/2011	3/16/2011	9/19/2011	3/10/2011
		Sample Depth	59-69 FT	63-73 FT	125-135 FT	92-102 FT	52-62 FT	94-104 FT
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
	Units							
PCB-77	NC	pg/L	10.2U	1.22K	1.20K	1.40K	10.5U	9.60U
PCB-78	NC	pg/L	10.2U	10.2U	10.5U	10.1U	10.5U	9.60U
PCB-79	NC	pg/L	10.2U	10.2U	10.5U	10.1U	10.5U	9.60U
PCB-8	NC	pg/L	16.1B	13.8B	11.8B	17.5B	22.2U	108B
PCB-80	NC	pg/L	10.2U	10.2U	10.5U	10.1U	10.5U	9.60U
PCB-81	NC	pg/L	10.2U	10.2U	10.5U	10.1U	10.5U	9.60U
PCB-82	NC	pg/L	5.59K	10.2U	2.41K	3.64K	10.5U	9.60U
PCB-83	NC	pg/L	7.67J	10.2U	10.5U	2.48J	10.5U	9.60U
PCB-84/92	NC	pg/L	26.9K	7.45J	5.08J	18.4	10.5U	4.68K
PCB-85/116	NC	pg/L	8.49K	30.7U	2.37K	5.28K	31.5U	28.8U
PCB-86	NC	pg/L	37.8J	11.7J	9.43J	24.7J	14.9K	9.46K
PCB-88/91	NC	pg/L	21.0K	4.12J	3.55J	12.6J	21.0U	3.17K
PCB-89	NC	pg/L	10.2U	10.2U	10.5U	10.1U	10.5U	9.60U
PCB-9	NC	pg/L	2.16J	2.15J	1.96K	2.35J	25.2U	6.08J
PCB-90/101	NC	pg/L	91.9	20.7J	17.1J	52.6	31.1J	16.1J
PCB-92	NC	pg/L	28.8	3.22K	3.82K	12.8	10.5U	9.60U
PCB-93	NC	pg/L	20.4U	20.5U	20.9U	20.3U	21.0U	19.2U
PCB-94	NC	pg/L	10.2U	10.2U	10.5U	10.1U	10.5U	9.60U
PCB-95/98/102	NC	pg/L	98.2B	18.9K B	17.2B	64.0B	37.4K	17.5B
PCB-96	NC	pg/L	2.33K	10.2U	10.5U	1.64K	10.5U	9.60U

Notes:

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NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 21
Honeywell
SCA Hydrogeologic Investigation
Deep Monitoring Wells
Method 1668B High Resolution PCBs Data

Parameter Name	New York State Class GA Standards	Field Sample ID Location Sample Date Sample Depth Sample Purpose Units	SCA-0004-04 SB915-WB-04L 3/15/2011 89-99 FT Regular sample
TOTALS			
TOTAL DECACB	NC	pg/L	2.24U
TOTAL DICHLOROBIPHENYLS	NC	pg/L	1200
TOTAL HEPTACB	NC	pg/L	45.5U
TOTAL HEXACB	NC	pg/L	167U
TOTAL MONOCB	NC	pg/L	52.2
TOTAL NONACHLOROBIPHENYLS	NC	pg/L	2.74
TOTAL OCTACB	NC	pg/L	14.0U
TOTAL PENTACB	NC	pg/L	468J
TOTAL TETRACB	NC	pg/L	4290
TOTAL TRICB	NC	pg/L	7850
CALCULATED TOTAL PCBs (post validation)	90000	pg/L	13862.94
TOTAL PCBs (lab reported prior to validation)	90000	pg/L	14100
CONGENERS			
10-DiCB	NC	pg/L	18.2K
109-PeCB	NC	pg/L	4.23K
112-PeCB	NC	pg/L	32.4
142-HxCB	NC	pg/L	10.3U
143-HxCB	NC	pg/L	10.3U
160-HxCB	NC	pg/L	10.3U
161-HxCB	NC	pg/L	10.3U
162-HxCB	NC	pg/L	1.36K
164-HxCB	NC	pg/L	3.23K
165-HxCB	NC	pg/L	10.3U
2,2',3,3',4,4',5,5',6-NONACHLOROBIPHENYL	NC	pg/L	2.74K
2,2',3,3',4,4',6-HEPTACHLOROBIPHENYL	NC	pg/L	3.38J
2,2',3,3',4,5',6,6'-OCTACHLOROBIPHENYL	NC	pg/L	10.3U
2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	NC	pg/L	5.32J
2,2',3,4,4',5',6-HEPTACHLOROBIPHENYL	NC	pg/L	3.74J
2,2',3,4,4',5-HEXACHLOROBIPHENYL	NC	pg/L	2.80K
2,2',3,4,5,5'-HEXACHLOROBIPHENYL	NC	pg/L	7.57J
2,2',3,5'-TETRACHLOROBIPHENYL	NC	pg/L	652
2,2',4,4',5,5'-HEXACHLOROBIPHENYL	NC	pg/L	10.3U
2,2',4,4',5,6'-HEXACHLOROBIPHENYL	NC	pg/L	10.3U
2,2',5-TRICHLOROBIPHENYL	NC	pg/L	979
2,3',4,4'-TETRACHLOROBIPHENYL	NC	pg/L	68.5
2,3,3',4',6-PENTACHLOROBIPHENYL	NC	pg/L	78.4
2,3-DICHLOROBIPHENYL	NC	pg/L	16
2,4',5-TRICHLOROBIPHENYL	NC	pg/L	1310
2-CHLOROBIPHENYL	NC	pg/L	21.1

Notes:

U - Non detect; J - estimated value; R - rejected value;

EMPC - estimated maximum possible concentration; K - congener estimated maximum possible concentration.

NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 21
Honeywell
SCA Hydrogeologic Investigation
Deep Monitoring Wells
Method 1668B High Resolution PCBs Data

Parameter Name	New York State Class GA Standards	Field Sample ID	SCA-0004-04
		Location	SB915-WB-04L
		Sample Date	3/15/2011
		Sample Depth	89-99 FT
		Sample Purpose	Regular sample
		Units	
203-OcCB	NC	pg/L	2.28K
21-TrCB C33	NC	pg/L	944
59-TeCB C62/75	NC	pg/L	83.5
64-TeCB	NC	pg/L	236
72-TeCB	NC	pg/L	10.3U
98-PeCB C102	NC	pg/L	20.5U
PCB 118	NC	pg/L	62.7
PCB 153	NC	pg/L	27.5
PCB 209	NC	pg/L	2.24K
PCB 52	NC	pg/L	773
PCB-103	NC	pg/L	10.3U
PCB-104	NC	pg/L	0.629K
PCB-105	NC	pg/L	38.7
PCB-106/118	NC	pg/L	10.3U
PCB-107/109	NC	pg/L	2.87J
PCB-11	NC	pg/L	34.9B
PCB-111/115	NC	pg/L	10.3U
PCB-114	NC	pg/L	4.04K
PCB-12/13	NC	pg/L	42.3
PCB-120	NC	pg/L	10.3U
PCB-121	NC	pg/L	10.3U
PCB-122	NC	pg/L	10.3U
PCB-123	NC	pg/L	10.3U
PCB-126	NC	pg/L	10.3U
PCB-127	NC	pg/L	10.3U
PCB-128/162	NC	pg/L	9.33K
PCB-129	NC	pg/L	34.4
PCB-130	NC	pg/L	10.3U
PCB-131	NC	pg/L	10.3U
PCB-132/161	NC	pg/L	15.2
PCB-133/142	NC	pg/L	10.3U
PCB-134/143	NC	pg/L	10.3U
PCB-135	NC	pg/L	11.5J
PCB-136	NC	pg/L	4.84J
PCB-139/149	NC	pg/L	20.5U
PCB-14	NC	pg/L	1.25J
PCB-144	NC	pg/L	2.29K
PCB-145	NC	pg/L	10.3U
PCB-146/165	NC	pg/L	3.88J
PCB-147	NC	pg/L	29

Notes:

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NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 21
Honeywell
SCA Hydrogeologic Investigation
Deep Monitoring Wells
Method 1668B High Resolution PCBs Data

Parameter Name	New York State Class GA Standards	Field Sample ID	SCA-0004-04
		Location	SB915-WB-04L
		Sample Date	3/15/2011
		Sample Depth	89-99 FT
		Sample Purpose	Regular sample
		Units	
PCB-148	NC	pg/L	10.3U
PCB-15	NC	pg/L	290
PCB-150	NC	pg/L	10.3U
PCB-152	NC	pg/L	10.3U
PCB-155	NC	pg/L	10.3U
PCB-156	NC	pg/L	6.96J
PCB-158/160	NC	pg/L	5.08J
PCB-159	NC	pg/L	10.3U
PCB-16/32	NC	pg/L	544
PCB-167	NC	pg/L	2.44K
PCB-169	NC	pg/L	10.3U
PCB-17	NC	pg/L	503
PCB-170	NC	pg/L	7.34K
PCB-172	NC	pg/L	10.3U
PCB-174	NC	pg/L	4.87K
PCB-175	NC	pg/L	10.3U
PCB-176	NC	pg/L	0.773K
PCB-177	NC	pg/L	3.23J
PCB-178	NC	pg/L	1.20K
PCB-179	NC	pg/L	2.40J
PCB-180	NC	pg/L	10.6J
PCB-181	NC	pg/L	10.3U
PCB-182/187	NC	pg/L	10.3U
PCB-184	NC	pg/L	10.3U
PCB-186	NC	pg/L	10.3U
PCB-188	NC	pg/L	10.3U
PCB-189	NC	pg/L	0.933K
PCB-19	NC	pg/L	134
PCB-190	NC	pg/L	1.72K
PCB-191	NC	pg/L	10.3U
PCB-192	NC	pg/L	10.3U
PCB-194	NC	pg/L	3.09K
PCB-195	NC	pg/L	0.959K
PCB-196/203	NC	pg/L	1.83K
PCB-197	NC	pg/L	20.5U
PCB-198	NC	pg/L	4.90J
PCB-2	NC	pg/L	9.96J
PCB-20/21/33	NC	pg/L	1550
PCB-202	NC	pg/L	10.3U
PCB-204	NC	pg/L	10.3U

Notes:

U - Non detect; J - estimated value; R - rejected value;

EMPC - estimated maximum possible concentration; K - congener estimated maximum possible concentration.

NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 21
Honeywell
SCA Hydrogeologic Investigation
Deep Monitoring Wells
Method 1668B High Resolution PCBs Data

Parameter Name	New York State Class GA Standards	Field Sample ID	SCA-0004-04
		Location	SB915-WB-04L
		Sample Date	3/15/2011
		Sample Depth	89-99 FT
		Sample Purpose	Regular sample
		Units	
PCB-205	NC	pg/L	0.972K
PCB-207	NC	pg/L	10.3U
PCB-208	NC	pg/L	10.3U
PCB-22	NC	pg/L	764
PCB-23	NC	pg/L	10.3U
PCB-24/27	NC	pg/L	10.3U
PCB-25	NC	pg/L	89.8
PCB-26	NC	pg/L	278
PCB-27	NC	pg/L	92.8K
PCB-3	NC	pg/L	21.1
PCB-32	NC	pg/L	368
PCB-34	NC	pg/L	10.3U
PCB-35	NC	pg/L	19.0K
PCB-36	NC	pg/L	16.3
PCB-37	NC	pg/L	257
PCB-38	NC	pg/L	10.3U
PCB-39	NC	pg/L	10.3U
PCB-4/10	NC	pg/L	273
PCB-40	NC	pg/L	352
PCB-41/64/71/72	NC	pg/L	119
PCB-42/59	NC	pg/L	168
PCB-43/49	NC	pg/L	39.4
PCB-45	NC	pg/L	240
PCB-46	NC	pg/L	88.6
PCB-48/75	NC	pg/L	229
PCB-49	NC	pg/L	383
PCB-50	NC	pg/L	164
PCB-54	NC	pg/L	4.66J
PCB-55	NC	pg/L	8.03J
PCB-56/60	NC	pg/L	80
PCB-57	NC	pg/L	10.3U
PCB-58	NC	pg/L	10.3U
PCB-6	NC	pg/L	115
PCB-61/70	NC	pg/L	369
PCB-63	NC	pg/L	11.9
PCB-66	NC	pg/L	187
PCB-67	NC	pg/L	13.1
PCB-68	NC	pg/L	10.3U
PCB-7/9	NC	pg/L	18.4
PCB-73	NC	pg/L	10.3U

Notes:

U - Non detect; J - estimated value; R - rejected value;

EMPC - estimated maximum possible concentration; K - congener estimated maximum possible concentration.

NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 21
Honeywell
SCA Hydrogeologic Investigation
Deep Monitoring Wells
Method 1668B High Resolution PCBs Data

Parameter Name	New York State Class GA Standards	Field Sample ID	SCA-0004-04
		Location	SB915-WB-04L
		Sample Date	3/15/2011
		Sample Depth	89-99 FT
		Sample Purpose	Regular sample
		Units	
PCB-77	NC	pg/L	15.5
PCB-78	NC	pg/L	10.3U
PCB-79	NC	pg/L	10.3U
PCB-8	NC	pg/L	356
PCB-80	NC	pg/L	10.3U
PCB-81	NC	pg/L	10.3U
PCB-82	NC	pg/L	15.7
PCB-83	NC	pg/L	10.3U
PCB-84/92	NC	pg/L	31.9
PCB-85/116	NC	pg/L	18.8J
PCB-86	NC	pg/L	62.1
PCB-88/91	NC	pg/L	19.7J
PCB-89	NC	pg/L	10.3U
PCB-9	NC	pg/L	38.8
PCB-90/101	NC	pg/L	
PCB-92	NC	pg/L	10.3U
PCB-93	NC	pg/L	20.5U
PCB-94	NC	pg/L	10.3U
PCB-95/98/102	NC	pg/L	91.6
PCB-96	NC	pg/L	4.34J

Notes:

U - Non detect; J - estimated value; R - rejected value;

EMPC - estimated maximum possible concentration; K - congener estimated maximum possible concentration.

NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 22
Honeywell
SCA Hydrogeologic Investigation
Deep Monitoring Wells
Methods 6010/9012/7199/1631 Inorganic Compound Data

Parameter Name	New York State Class GA Standards	Field Sample ID Location Sample Date Sample Depth Sample Purpose Units	SCA-0002-03	SCA-0009-03	SCA-0026-03	SCA-0029-03	SCA-0036-03	SCA-0045-03
			SB915-MW-88D 3/11/2011 59-69 FT Regular sample	SB915-MW-88D 6/23/2011 59-69 FT Regular sample	SB915-MW-88D 9/28/2011 59-69 FT Regular sample	SB915-MW-88D 12/8/2011 59-69 FT Regular sample	SB915-MW-88D 3/13/2012 59-69 FT Regular sample	SB915-MW-88D 5/8/2012 59-69 FT Regular sample
ALUMINUM	NC	mg/L	1U	2.2	0.664J	1.1J	1.58J	2U
ANTIMONY	0.003(G)	mg/L	0.03U	0.06U	[0.0228J]	[0.042J]	0.03U	0.06U
ARSENIC	0.025(S)	mg/L	0.0158	0.03U	0.015U	0.027U	0.0182	0.03U
BARIUM	1(S)	mg/L	[8.36]	[16.8]	[11]	[7.1]	[6.4]	[6.11]
BERYLLIUM	0.003(G)	mg/L	NA	0.001U	0.001U	0.0023U	0.001U	0.001U
BORON	1(S)	mg/L	NA	0.0764J	0.0438J	0.047J	0.1U	0.0527J
CADMIUM	0.005(S)	mg/L	0.005U	0.001U	0.005U	0.0013U	0.005U	0.01U
CALCIUM	NC	mg/L	3450	3530J	3290	3600	3590	3750
CHROMIUM	0.05(S)	mg/L	0.0098J	0.0073	0.0067J	0.0073J	0.0306J	0.04U
COBALT	NC	mg/L	0.02U	0.006	0.0233	0.004U	0.008J	0.04U
COPPER	0.2(S)	mg/L	0.0085J	0.0174	0.0112J	0.027U	0.0107J	0.0242J
CYANIDE	0.2(S)	mg/L	0.010UJ	0.010U	0.010UJ	0.01U	0.036J	0.026J
IRON	0.3(S)	mg/L	[11.1]	[8.06]	[11.1]	[13]	[12.7J]	[16.9J]
LEAD	0.025(S)	mg/L	0.0247	0.03U	0.015U	0.013U	0.015U	0.03U
MAGNESIUM	35(G)	mg/L	[298]	[470]	[308]	[290]	[248]	[241]
MANGANESE	0.3(S)	mg/L	[1.38J]	[0.531]	[1.16]	[1.4]	[1.38]	[1.69]
MERCURY	0.0007(S)	mg/L	6.30E-07	3.60E-07	7.70E-07	5e-005U	0.0000026	0.0000012J
NICKEL	NC	mg/L	0.05U	0.0409J	0.05U	0.016U	0.0039J	0.1UJ
POTASSIUM	NC	mg/L	186	184	205	180	199J	197J
SELENIUM	0.01(S)	mg/L	0.05U	0.1U	[0.0613]	0.03U	0.05U	0.1U
SILVER	0.05(S)	mg/L	0.015U	0.03U	0.0241	0.0068U	0.0076J	0.03R
SODIUM	20(S)	mg/L	[2170]	[2360J]	[2100]	[2300]	[1800]	[2000]
THALLIUM	0.0005(G)	mg/L	0.01U	0.02U	0.05U	[0.024J]	0.05U	0.1U
VANADIUM	NC	mg/L	0.025U	0.005U	0.025U	0.019U	0.0038J	0.05U
ZINC	2(G)	mg/L	0.05U	0.01U	0.05U	0.2U	0.05U	0.1U
HEXAVALENT CHROMIUM	0.05(S)	mg/L	0.0055U	0.0055R	0.0055R	0.0056U	0.0055R	0.0055R

Notes:

U - Non detect; J - estimated value; R - rejected value;

EMPC - estimated maximum possible concentration; K - congener estimated maximum possible concentration.

NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 22
Honeywell
SCA Hydrogeologic Investigation
Deep Monitoring Wells
Methods 6010/9012/7199/1631 Inorganic Compound Data

Parameter Name	New York State Class GA Standards	Field Sample ID	SCA-0053-03	SCA-0003-03	SCA-0010-03	SCA-0022-02	SCA-0031-03	SCA-0039-03
		Location	SB915-MW-88D	SB915-MW-89D	SB915-MW-89D	SB915-MW-89D	SB915-MW-89D	SB915-MW-89D
		Sample Date	7/12/2012	3/14/2011	6/24/2011	9/26/2011	12/12/2011	3/16/2012
		Sample Depth	59-69 FT	63-73 FT	63-73 FT	63-73 FT	63-73 FT	63-73 FT
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Units						
ALUMINUM	NC	mg/L	1.02	4.8	2.31	1U	1.1	0.866
ANTIMONY	0.003(G)	mg/L	0.006U	0.006U	0.006U	[0.0093J]	0.01U	0.006U
ARSENIC	0.025(S)	mg/L	0.021J	0.0039	0.009U	0.015U	0.0027U	0.0012J
BARIUM	1(S)	mg/L	[3.24]	[1.73]	[2.03]	[2.21]	[2.2]	[2.08]
BERYLLIUM	0.003(G)	mg/L	0.001UJ	0.0026	0.001U	[0.0055]	0.00023U	0.001
BORON	1(S)	mg/L	0.05J	NA	0.106	0.1	0.11J	0.108
CADMIUM	0.005(S)	mg/L	0.01U	0.0019J	0.001U	0.0021	0.005U	0.001U
CALCIUM	NC	mg/L	3470	2110	2030J	2060	2100	1820
CHROMIUM	0.05(S)	mg/L	0.04U	0.0215	0.0101	0.004U	0.005U	0.0323
COBALT	NC	mg/L	0.0073J	0.012U	0.0041	0.02U	0.0027J	0.006
COPPER	0.2(S)	mg/L	0.0222	0.0126	0.0126	0.01U	0.0051J	0.0134
CYANIDE	0.2(S)	mg/L	0.010UJ	0.010UJ	0.010U	0.010UJ	0.0015U	0.010U
IRON	0.3(S)	mg/L	[16J]	[6.15]	[1.93]	[0.977]	[1.6]	[1.45]
LEAD	0.025(S)	mg/L	[0.0392]	0.0154	0.009U	0.0048J	0.0013U	0.015U
MAGNESIUM	35(G)	mg/L	[277J]	[149]	[141]	[160]	[150]	[142]
MANGANESE	0.3(S)	mg/L	[1.76]	[7.53J]	[8.24]	[8.12]	[8.3]	[7.52]
MERCURY	0.0007(S)	mg/L	0.0000011J	2.28E-06	1.44E-06	9.30E-07	1e-006J	0.0000016
NICKEL	NC	mg/L	0.0141J	0.0315	0.0198	0.0235J	0.0091J	0.0124J
POTASSIUM	NC	mg/L	177	91.6	89.9	93.5	88	83.3
SELENIUM	0.01(S)	mg/L	0.1U	0.03U	[0.0501]	0.05U	0.003U	0.05U
SILVER	0.05(S)	mg/L	0.03U	0.009U	0.003U	0.003U	0.00068U	0.003U
SODIUM	20(S)	mg/L	[1890J]	[1100]	[1010J]	[1110]	[1100J]	[1010]
THALLIUM	0.0005(G)	mg/L	0.1U	0.006U	0.03U	0.01U	0.0024U	0.01U
VANADIUM	NC	mg/L	0.003J	0.005U	0.0057	0.025U	0.0019U	0.005U
ZINC	2(G)	mg/L	0.0809J	0.0116	0.01U	0.05U	0.0078J	0.0285J
HEXAVALENT CHROMIUM	0.05(S)	mg/L	0.0055U	0.0055U	0.0055R	0.0055R	0.011UJ	0.0055U

Notes:

U - Non detect; J - estimated value; R - rejected value;

EMPC - estimated maximum possible concentration; K - congener estimated maximum possible concentration.

NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 22
Honeywell
SCA Hydrogeologic Investigation
Deep Monitoring Wells
Methods 6010/9012/7199/1631 Inorganic Compound Data

Parameter Name	New York State Class GA Standards	Field Sample ID Location Sample Date Sample Depth Sample Purpose Units	SCA-0046-03	SCA-0055-06	SCA-0006-06	SCA-0012-04	SCA-0018-02	SCA-0028-04
			SB915-MW-89D 5/9/2012 63-73 FT Regular sample	SB915-MW-89D 7/14/2012 63-73 FT Regular sample	SB915-MW-91D 3/17/2011 125-135 FT Regular sample	SB915-MW-91D 6/28/2011 125-135 FT Regular sample	SB915-MW-91D 9/22/2011 125-135 FT Regular sample	SB915-MW-91D 12/7/2011 125-135 FT Regular sample
ALUMINUM	NC	mg/L	1U	1U	0.2U	0.594	0.2U	0.14J
ANTIMONY	0.003(G)	mg/L	0.006U	0.03U	0.006U	0.006U	[0.0073]	[0.0085J]
ARSENIC	0.025(S)	mg/L	0.0113J	0.003U	0.0026J	0.0011J	0.003U	0.0027U
BARIUM	1(S)	mg/L	[2.16]	[1.94]	0.0999	0.116	0.121	0.11J
BERYLLIUM	0.003(G)	mg/L	0.001U	0.001U	0.001U	0.001U	0.001U	0.00023U
BORON	1(S)	mg/L	0.102J	0.0962J	NA	0.0547J	0.0496J	0.055J
CADMIUM	0.005(S)	mg/L	0.0016J	0.0005J	0.0002J	0.001U	0.001U	0.00019J
CALCIUM	NC	mg/L	1920	1830	782	815	782	780
CHROMIUM	0.05(S)	mg/L	0.02U	0.001J	0.0028J	0.0016J	0.0089	0.0039J
COBALT	NC	mg/L	0.0047	0.0049	0.0014J	0.004U	0.0064	0.0013J
COPPER	0.2(S)	mg/L	0.0042J	0.01U	0.0018J	0.0021J	0.0037J	0.0027U
CYANIDE	0.2(S)	mg/L	0.010U	0.010U	0.0038J	0.010U	0.010UJ	0.0015U
IRON	0.3(S)	mg/L	[0.968J]	[0.952]	[0.863]	[1.03]	[1.01]	[1.2J]
LEAD	0.025(S)	mg/L	0.015U	0.015U	0.0031	0.003U	0.003U	0.0013U
MAGNESIUM	35(G)	mg/L	[155]	[139]	[51.6]	[41.7]	33.5	[46]
MANGANESE	0.3(S)	mg/L	[7.81]	[7.45]	[0.562]	[0.427]	0.218	[0.34]
MERCURY	0.0007(S)	mg/L	0.0000038J	0.0000023J	7.60E-07	1.36E-06	3.84E-06	5e-007U
NICKEL	NC	mg/L	0.05U	0.0113	0.0048J	0.01U	0.0103	0.0031J
POTASSIUM	NC	mg/L	86.4J	80.5	27.2	30.3	29.9	27
SELENIUM	0.01(S)	mg/L	0.05U	0.05U	0.01U	0.01U	[0.0143]	0.003U
SILVER	0.05(S)	mg/L	0.003U	0.003U	0.003U	0.003U	0.003U	0.00068U
SODIUM	20(S)	mg/L	[1060]	[779]	[528J]	[591]	[580]	[640]
THALLIUM	0.0005(G)	mg/L	[0.009J]	0.01U	0.02U	0.002U	0.01U	[0.0036J]
VANADIUM	NC	mg/L	0.005U	0.005U	0.005U	0.005U	0.0016B	0.0019U
ZINC	2(G)	mg/L	0.0114R	0.01U	0.0036J	0.0089B	0.01U	0.02U
HEXAVALENT CHROMIUM	0.05(S)	mg/L	0.0055U	0.0055R	0.0055UJ	0.0055UJ	0.0055U	0.0056UJ

Notes:

U - Non detect; J - estimated value; R - rejected value;

EMPC - estimated maximum possible concentration; K - congener estimated maximum possible concentration.

NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 22
Honeywell
SCA Hydrogeologic Investigation
Deep Monitoring Wells
Methods 6010/9012/7199/1631 Inorganic Compound Data

	Field Sample ID	SCA-0043-06	SCA-0050-04	SCA-0057-06	SCA-0005-03	SCA-0013-03	SCA-0015-01	
	Location	SB915-MW-91D	SB915-MW-91D	SB915-MW-91D	SB915-MW-92D	SB915-MW-92D	SB915-MW-92D	
	Sample Date	3/22/2012	5/15/2012	7/18/2012	3/16/2011	6/29/2011	9/20/2011	
	Sample Depth	125-135 FT	125-135 FT	125-135 FT	92-102 FT	92-102 FT	92-102 FT	
	New York State Class GA Standards	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	
Parameter Name	Units							
ALUMINUM	NC	mg/L	0.0617J	0.6U	0.2U	0.0246J	0.213	0.0228J
ANTIMONY	0.003(G)	mg/L	[0.0074]	0.006U	0.006U	0.006U	0.006U	0.006U
ARSENIC	0.025(S)	mg/L	0.006U	0.0013J	0.0015J	0.003U	0.003U	0.003U
BARIUM	1(S)	mg/L	0.105	0.106	0.0937	0.06	0.059	0.078
BERYLLIUM	0.003(G)	mg/L	0.001U	0.001U	0.001U	0.001U	0.001U	0.001U
BORON	1(S)	mg/L	0.0594J	0.0666J	0.1U	NA	0.1U	0.0639J
CADMIUM	0.005(S)	mg/L	0.001U	0.001U	0.001U	0.001U	0.001U	0.001U
CALCIUM	NC	mg/L	802	856	779	326J	338	291
CHROMIUM	0.05(S)	mg/L	0.008U	0.012U	0.0068J	0.0053	0.0022J	0.0026J
COBALT	NC	mg/L	0.0057	0.0023J	0.0021J	0.0005J	0.004U	0.004U
COPPER	0.2(S)	mg/L	0.02U	0.0037J	0.0041J	0.01U	0.0024J	0.01U
CYANIDE	0.2(S)	mg/L	0.010U	0.010U	0.010U	0.010UJ	0.010U	0.010UJ
IRON	0.3(S)	mg/L	[1.36]	[1.33]	[1.41]	0.049J	0.1U	0.0942J
LEAD	0.025(S)	mg/L	0.006U	0.003U	0.003U	0.003U	0.0011B	0.0025J
MAGNESIUM	35(G)	mg/L	[56.9]	[50.1J]	[50]	16.4	[47.3]	[41.6]
MANGANESE	0.3(S)	mg/L	[0.481]	[0.433J]	[0.485]	0.253	0.232	0.188
MERCURY	0.0007(S)	mg/L	0.0000011	0.0000022J	0.0000024J	7.60E-07	3.50E-07	2.20E-07
NICKEL	NC	mg/L	0.0141	0.01U	0.0072J	0.01U	0.0047J	0.0052J
POTASSIUM	NC	mg/L	29	29.4	29.4J	16.2	10.5	8.79
SELENIUM	0.01(S)	mg/L	0.02U	0.01U	0.0036J	0.01U	0.01U	0.01U
SILVER	0.05(S)	mg/L	0.0038	0.003U	0.0024J	0.003U	0.003U	0.003U
SODIUM	20(S)	mg/L	[480]	[585]	[524]	[283]	[263]	[266]
THALLIUM	0.0005(G)	mg/L	0.01U	0.006U	0.01U	0.005U	0.01U	0.002U
VANADIUM	NC	mg/L	0.005U	0.0009J	0.0018J	0.005U	0.005U	0.005U
ZINC	2(G)	mg/L	0.0186J	0.0371J	0.01U	0.01U	0.01U	0.01U
HEXAVALENT CHROMIUM	0.05(S)	mg/L	0.0055U	0.0055U	0.0055U	0.0055U	0.0055U	0.0055U

Notes:

U - Non detect; J - estimated value; R - rejected value;

EMPC - estimated maximum possible concentration; K - congener estimated maximum possible concentration.

NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 22
Honeywell
SCA Hydrogeologic Investigation
Deep Monitoring Wells
Methods 6010/9012/7199/1631 Inorganic Compound Data

	Field Sample ID	SCA-0030-03	SCA-0043-03	SCA-0051-03	SCA-0056-09	SCA-0014-04	SCA-0033-03	
	Location	SB915-MW-92D	SB915-MW-92D	SB915-MW-92D	SB915-MW-92D	SB915-MW-93D	SB915-MW-93D	
	Sample Date	12/9/2011	3/22/2012	5/16/2012	7/17/2012	9/19/2011	12/14/2011	
	Sample Depth	92-102 FT	92-102 FT	92-102 FT	92-102 FT	52-62 FT	52-62 FT	
	New York State Class GA Standards	Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	
Parameter Name	Units	Units	Units	Units	Units	Units	Units	
ALUMINUM	NC	mg/L	0.2U	0.0287J	0.2U	0.2U	0.2U	0.97J
ANTIMONY	0.003(G)	mg/L	0.002J	[0.0035J]	0.006U	0.006U	[0.0071]	[0.0091J]
ARSENIC	0.025(S)	mg/L	0.0027U	0.003U	0.003U	0.003U	0.003U	0.0027U
BARIUM	1(S)	mg/L	0.075J	0.0931	0.0814	0.0685	0.127	0.12J
BERYLLIUM	0.003(G)	mg/L	0.00023U	0.001U	0.001U	0.001U	0.001U	0.00023U
BORON	1(S)	mg/L	0.051J	0.0444J	0.1U	0.0499J	NA	0.069J
CADMIUM	0.005(S)	mg/L	0.005U	0.001U	0.001U	0.001U	0.0011	0.005U
CALCIUM	NC	mg/L	290	319	317	305	838J	910
CHROMIUM	0.05(S)	mg/L	0.005U	0.004U	0.004U	0.004U	0.0026J	0.0096J
COBALT	NC	mg/L	0.05U	0.004U	0.0014J	0.0009J	0.0098	0.0059J
COPPER	0.2(S)	mg/L	0.0027U	0.01U	0.0027J	0.01U	0.01U	0.0052J
CYANIDE	0.2(S)	mg/L	0.0015U	0.010U	0.010U	0.010U	0.010UJ	0.0015U
IRON	0.3(S)	mg/L	0.1U	0.1U	0.0608J	0.1U	0.217	[1.4J]
LEAD	0.025(S)	mg/L	0.0013U	0.0032	0.003U	0.003U	0.003U	0.0063U
MAGNESIUM	35(G)	mg/L	[36]	[38.6]	[35.8J]	34.5J	[63.4]	[68]
MANGANESE	0.3(S)	mg/L	0.2	0.194	0.238J	0.185J	[1.41]	[1.4]
MERCURY	0.0007(S)	mg/L	5e-007U	0.00000074	0.00000056R	0.0000012J	2.60E-07	1.7e-006J
NICKEL	NC	mg/L	0.0016U	0.0055J	0.004J	0.01U	0.0108	0.0079J
POTASSIUM	NC	mg/L	7.7	8.72	8.1	7.87J	34.8	35
SELENIUM	0.01(S)	mg/L	0.003U	0.01U	0.01U	0.01U	[0.0207]	0.003U
SILVER	0.05(S)	mg/L	0.00068U	0.0022J	0.0067	0.003U	0.003U	0.00068U
SODIUM	20(S)	mg/L	[210]	[241]	[221]	[222]	[522]	[490]
THALLIUM	0.0005(G)	mg/L	0.0024U	0.01U	0.002U	0.01U	0.002U	[0.0036J]
VANADIUM	NC	mg/L	0.0019U	0.005U	0.005U	0.0008J	0.005U	0.0019U
ZINC	2(G)	mg/L	0.005J	0.0209J	0.0128R	0.0045J	0.01U	0.02U
HEXAVALENT CHROMIUM	0.05(S)	mg/L	0.011UJ	0.0055U	0.0055U	0.0055R	0.0020B	0.011UJ

Notes:

U - Non detect; J - estimated value; R - rejected value;

EMPC - estimated maximum possible concentration; K - congener estimated maximum possible concentration.

NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 22
Honeywell
SCA Hydrogeologic Investigation
Deep Monitoring Wells
Methods 6010/9012/7199/1631 Inorganic Compound Data

Parameter Name	New York State Class GA Standards	Field Sample ID	SCA-0041-03	SCA-0049-03	SCA-0054-06	SCA-0001-02	SCA-0008-04	SCA-0024-02
		Location	SB915-MW-93D	SB915-MW-93D	SB915-MW-93D	SB915-WB-02L	SB915-WB-02L	SB915-WB-02L
		Sample Date	3/20/2012	5/14/2012	7/13/2012	3/10/2011	6/22/2011	9/27/2011
		Sample Depth	52-62 FT	52-62 FT	52-62 FT	94-104 FT	94-104 FT	94-104 FT
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Units						
ALUMINUM	NC	mg/L	0.697	0.63J	0.495	4U	1.35J	10U
ANTIMONY	0.003(G)	mg/L	0.006U	0.006U	0.006U	0.03U	0.06U	0.3U
ARSENIC	0.025(S)	mg/L	0.003U	0.0016J	0.003U	0.0059J	0.06U	0.15U
BARIUM	1(S)	mg/L	0.11	0.105	0.101	0.233	0.212	0.219
BERYLLIUM	0.003(G)	mg/L	0.001U	0.001U	0.001U	[0.0173]	0.01U	0.005U
BORON	1(S)	mg/L	0.1U	0.0747J	0.1U	NA	0.136J	0.029J
CADMIUM	0.005(S)	mg/L	0.001U	0.001U	0.001U	0.02U	0.0034J	0.01U
CALCIUM	NC	mg/L	891	775	793	15100	16800	14600
CHROMIUM	0.05(S)	mg/L	0.0058J	0.0048R	0.006	0.02U	0.0175J	0.0201J
COBALT	NC	mg/L	0.0048	0.0057	0.0059	0.08U	0.04U	0.2U
COPPER	0.2(S)	mg/L	0.01U	0.0105	0.0073J	0.101	0.0586J	0.1U
CYANIDE	0.2(S)	mg/L	0.010U	0.010U	0.010U	0.032J	0.025J	0.010UJ
IRON	0.3(S)	mg/L	[0.962]	[1.23]	[1.03]	[22.9]	[20.7]	[23.8]
LEAD	0.025(S)	mg/L	0.003U	0.003U	0.0021J	[0.111]	0.06U	0.15U
MAGNESIUM	35(G)	mg/L	[55]	[61.9J]	[57.6]	[792]	[750]	[814]
MANGANESE	0.3(S)	mg/L	[1.19]	[1.23J]	[1.25]	[2.55J]	[2.59]	[2.42]
MERCURY	0.0007(S)	mg/L	0.0000021	0.0000043J	0.0000029	1.60E-07	3.60E-07	3.00E-07
NICKEL	NC	mg/L	0.01U	0.0081J	0.011	0.2U	0.0487J	0.25U
POTASSIUM	NC	mg/L	30.2	31.8	32.2	181	209	188J
SELENIUM	0.01(S)	mg/L	0.05U	[0.0102]	0.0051J	0.2U	[0.0353J]	0.5U
SILVER	0.05(S)	mg/L	0.003U	0.0024J	0.003U	0.06U	0.0189J	[0.0835]
SODIUM	20(S)	mg/L	[449]	[424]	[446]	[9500]	[8420J]	[9460]
THALLIUM	0.0005(G)	mg/L	0.002U	0.002U	0.01U	0.04U	0.04U	0.1U
VANADIUM	NC	mg/L	0.005U	0.0026J	0.0034J	0.025U	0.0124J	0.05U
ZINC	2(G)	mg/L	0.0365J	0.0276J	0.01U	0.0286J	0.1U	0.1U
HEXAVALENT CHROMIUM	0.05(S)	mg/L	0.0055U	0.0055U	0.0055U	0.0055U	0.0055UJ	0.0055R

Notes:

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NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 22
Honeywell
SCA Hydrogeologic Investigation
Deep Monitoring Wells
Methods 6010/9012/7199/1631 Inorganic Compound Data

Parameter Name	New York State Class GA Standards	Field Sample ID Location Sample Date Sample Depth Sample Purpose Units	SCA-0027-03	SCA-0035-03	SCA-0044-02	SCA-0052-07	SCA-0004-04	SCA-0011-04
			SB915-WB-02L 12/6/2011 94-104 FT Regular sample	SB915-WB-02L 3/12/2012 94-104 FT Regular sample	SB915-WB-02L 5/7/2012 94-104 FT Regular sample	SB915-WB-02L 7/11/2012 94-104 FT Regular sample	SB915-WB-04L 3/15/2011 89-99 FT Regular sample	SB915-WB-04L 6/27/2011 89-99 FT Regular sample
ALUMINUM	NC	mg/L	2.4J	10U	10U	10U	0.2U	1.51
ANTIMONY	0.003(G)	mg/L	[0.2J]	0.06U	0.3U	0.15U	0.03U	0.0024J
ARSENIC	0.025(S)	mg/L	0.069U	0.0128J	0.15U	0.03U	0.0015J	0.015U
BARIUM	1(S)	mg/L	0.2J	0.235	0.229	0.244	0.456	0.369
BERYLLIUM	0.003(G)	mg/L	0.0058U	0.01U	0.05U	0.001UJ	0.001U	0.001U
BORON	1(S)	mg/L	0.082J	1U	0.0915J	1U	NA	0.158
CADMIUM	0.005(S)	mg/L	0.0033U	0.01U	0.05U	0.01U	0.0015	0.0016
CALCIUM	NC	mg/L	14000	15500	15600	14600	2280J	2330
CHROMIUM	0.05(S)	mg/L	0.014U	0.04U	0.2U	0.04U	0.0033J	0.0054
COBALT	NC	mg/L	0.015J	0.0335J	0.2U	0.04U	0.02U	0.0051
COPPER	0.2(S)	mg/L	0.068U	0.1U	0.187J	0.0275J	0.01U	0.0081J
CYANIDE	0.2(S)	mg/L	0.085J	0.027J	0.010UJ	0.010UJ	0.010UJ	0.0081J
IRON	0.3(S)	mg/L	[22]	[22.3J]	[23.1J]	[20J]	[9.14]	[9.56]
LEAD	0.025(S)	mg/L	[0.034J]	0.15U	0.15U	0.075U	0.015U	0.015U
MAGNESIUM	35(G)	mg/L	[790]	[778]	[854]	[683J]	[229]	[240]
MANGANESE	0.3(S)	mg/L	[2.4]	[2.65]	[2.6]	[2.63]	[0.479]	[0.505]
MERCURY	0.0007(S)	mg/L	1.2e-007U	0.0000019	0.0000012J	0.00000097J	1.50E-07	2.20E-07
NICKEL	NC	mg/L	0.039U	0.1U	0.5U	0.0508J	0.0049J	0.05U
POTASSIUM	NC	mg/L	160	214J	139J	195	81.8	83.2
SELENIUM	0.01(S)	mg/L	0.076U	0.1U	0.5U	[0.0692J]	0.05U	0.05U
SILVER	0.05(S)	mg/L	0.017U	0.0386J	0.15U	0.03U	0.015U	0.015U
SODIUM	20(S)	mg/L	[9700]	[9630]	[9370]	[8230J]	[1780]	[1760]
THALLIUM	0.0005(G)	mg/L	[0.075J]	[0.0991J]	0.5U	0.1U	0.01U	0.01U
VANADIUM	NC	mg/L	0.047U	0.0088J	0.25U	0.05U	0.005U	0.005U
ZINC	2(G)	mg/L	0.062U	0.1U	0.5U	0.1U	0.05U	0.0061J
HEXAVALENT CHROMIUM	0.05(S)	mg/L	0.00056R	0.0055UJ	0.0055UJ	0.0055R	0.0055R	0.0055R

Notes:

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Table 22
Honeywell
SCA Hydrogeologic Investigation
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Methods 6010/9012/7199/1631 Inorganic Compound Data

	Field Sample ID	SCA-0020-02	SCA-0032-03	SCA-0040-03	SCA-0047-03	SCA-0056-05	
	Location	SB915-WB-04L	SB915-WB-04L	SB915-WB-04L	SB915-WB-04L	SB915-WB-04L	
	Sample Date	9/23/2011	12/13/2011	3/19/2012	5/10/2012	7/17/2012	
	Sample Depth	89-99 FT	89-99 FT	89-99 FT	89-99 FT	89-99 FT	
	New York State Class GA Standards	Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	
Parameter Name	Units	Units	Units	Units	Units	Units	
ALUMINUM	NC	mg/L	1U	0.53	0.339J	0.35	1U
ANTIMONY	0.003(G)	mg/L	0.03U	[0.019]	0.006U	0.006U	0.03U
ARSENIC	0.025(S)	mg/L	0.015U	0.0027U	0.03U	0.015U	0.015U
BARIUM	1(S)	mg/L	0.39	0.42	0.446	0.464	0.427
BERYLLIUM	0.003(G)	mg/L	0.001U	0.00023U	0.001U	0.001U	0.001U
BORON	1(S)	mg/L	0.152J	0.16J	0.155	0.162J	0.155
CADMIUM	0.005(S)	mg/L	0.0015	0.005U	0.001U	0.001U	0.001U
CALCIUM	NC	mg/L	2330	2200	2160	2530	2150
CHROMIUM	0.05(S)	mg/L	0.0023J	0.005U	0.04U	0.02U	0.004U
COBALT	NC	mg/L	0.0164	0.004U	0.004U	0.0041	0.0043
COPPER	0.2(S)	mg/L	0.0024J	0.012J	0.019	0.0154J	0.01U
CYANIDE	0.2(S)	mg/L	0.01U	0.0015U	0.010U	0.010U	0.010U
IRON	0.3(S)	mg/L	[9.21]	[9.7J]	[8.67]	[9.23J]	[9.11J]
LEAD	0.025(S)	mg/L	0.015U	0.013U	0.03U	0.015U	0.015U
MAGNESIUM	35(G)	mg/L	[232]	[230]	[226]	[250]	[227J]
MANGANESE	0.3(S)	mg/L	[0.552]	[0.36]	[0.4]	[0.418]	[0.308J]
MERCURY	0.0007(S)	mg/L	1.50E-07	5e-007U	0.0000014	0.0000005U	0.00000041J
NICKEL	NC	mg/L	0.05U	0.016U	0.1U	0.05U	0.05U
POTASSIUM	NC	mg/L	88.1	87	78.3	82.7J	86.7J
SELENIUM	0.01(S)	mg/L	[0.0686]	0.003U	0.1U	0.0034J	[0.0104]
SILVER	0.05(S)	mg/L	0.003U	0.00068U	0.003U	0.0046J	0.003U
SODIUM	20(S)	mg/L	[1800]	[1800]	[1680]	[1730]	[1670]
THALLIUM	0.0005(G)	mg/L	0.01U	0.024U	0.02U	0.01U	0.05U
VANADIUM	NC	mg/L	0.005U	0.0019U	0.005U	0.025U	0.0018J
ZINC	2(G)	mg/L	0.01U	0.02U	0.046J	0.05U	0.01U
HEXAVALENT CHROMIUM	0.05(S)	mg/L	0.0055UJ	0.011UJ	0.0055UJ	0.0055R	0.0055R

Notes:

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Table 23
Honeywell
SCA Hydrogeologic Investigation
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Other Data

	Field Sample ID	SCA-0002-03	SCA-0009-03	SCA-0026-03	SCA-0029-03	SCA-0036-03	SCA-0045-03	
	Location	SB915-MW-88D	SB915-MW-88D	SB915-MW-88D	SB915-MW-88D	SB915-MW-88D	SB915-MW-88D	
	Sample Date	3/11/2011	6/23/2011	9/28/2011	12/8/2011	3/13/2012	5/8/2012	
	Sample Depth	59-69 FT	59-69 FT	59-69 FT	59-69 FT	59-69 FT	59-69 FT	
	New York State Class GA Standards	Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	
Parameter Name	Units	Units	Units	Units	Units	Units	Units	
ALKALINITY, TOTAL (AS CaCO3)	NC	mg/L	15.3J	17.3	15.9	NA	152	15.7J
TOTAL ALKALINITY	NC	mg/L	NA	NA	NA	15	NA	NA
BICARBONATE ALKALINITY	NC	mg/L	NA	NA	NA	NA	16.4	NA
BICARBONATE ALKALINITY AS CaCO3	NC	mg/L	NA	NA	NA	15	NA	15.7J
CARBONATE ALKALINITY	NC	mg/L	NA	NA	NA	NA	NA	NA
ALKALINITY, CARBONATE (AS CaCO3)	NC	mg/L	NA	NA	NA	0.41U	5U	5.0U
BIOCHEMICAL OXYGEN DEMAND, FIVE DAY	NC	mg/L	1.5J	5.0U	5.0J	13	8	7.8J
BROMIDE	2(G)	mg/L	[6.8J]	[37.8J]	[11.8J]	4.8U	[15.5J]	[18.3]
CHLORIDE	250	mg/L	[10300]	[11000]	[11300]	[11000]	[11100]	[11200]
CHEMICAL OXYGEN DEMAND	NC	mg/L	783J	931J	1000	650J	356	1410J
HARDNESS (AS CaCO3)	NC	mg/L	9510	7500	10600	10000	15200	9880
NITROGEN, AMMONIA (AS N)	NC	mg/L	39.2	41.8	29.4	34	30.2	36
NITROGEN, KJELDAHL, TOTAL	NC	mg/L	37.8J	46.6	50.8	39	3.8J	271
NITRATE	10(S)	mg/L	NA	NA	NA	NA	0.11U	0.0095J
NITROGEN, NITRATE (AS N)	10(S)	mg/L	0.14J	0.017J	0.023J	1.1U	NA	NA
NITRITE	1(S)	mg/L	NA	NA	NA	NA	0.010U	NA
NITROGEN, NITRITE	10(S)	mg/L	0.010U	0.010U	0.010U	NA	NA	0.010U
NITROGEN, NITRATE-NITRITE	10(S)	mg/L	0.14J	0.017J	0.023J	NA	0.10U	0.0095J
SULFATE	250	mg/L	15.6	75.4	30	17U	84.7	34.2
TOTAL ORGANIC CARBON	NC	mg/L	2.5	2.8J	2.9	1.1J	2.7	2.8J
TOTAL DISSOLVED SOLIDS	NC	mg/L	19200	20300	18200	18000	22500	18400J
TOTAL PHENOLS	0.001(S)	mg/L	0.20U	0.20UJ	0.20U	0.0062U	0.2U	0.20UJ

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Table 23
Honeywell
SCA Hydrogeologic Investigation
Deep Monitoring Wells
Other Data

	Field Sample ID	SCA-0053-03	SCA-0003-03	SCA-0010-03	SCA-0022-02	SCA-0031-03	SCA-0039-03	
	Location	SB915-MW-88D	SB915-MW-89D	SB915-MW-89D	SB915-MW-89D	SB915-MW-89D	SB915-MW-89D	
	Sample Date	7/12/2012	3/14/2011	6/24/2011	9/26/2011	12/12/2011	3/16/2012	
	Sample Depth	59-69 FT	63-73 FT	63-73 FT	63-73 FT	63-73 FT	63-73 FT	
	New York State Class GA Standards	Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	
Parameter Name	Units							
ALKALINITY, TOTAL (AS CaCO ₃)	NC	mg/L	20.7	68.1J	70.2	55.7	NA	77.8
TOTAL ALKALINITY	NC	mg/L	NA	NA	NA	NA	75	NA
BICARBONATE ALKALINITY	NC	mg/L	NA	NA	NA	NA	NA	10.8
BICARBONATE ALKALINITY AS CaCO ₃	NC	mg/L	20.7	NA	NA	NA	75	NA
CARBONATE ALKALINITY	NC	mg/L	NA	NA	NA	NA	NA	NA
ALKALINITY, CARBONATE (AS CaCO ₃)	NC	mg/L	5.0U	NA	NA	NA	0.41U	5U
BIOCHEMICAL OXYGEN DEMAND, FIVE DAY	NC	mg/L	9.9J	5.0U	5.0U	1.3J	0.79U	3.4U
BROMIDE	2(G)	mg/L	[6.9J]	[4.9J]	[15.9J]	[10.9J]	[2.9]	[14.1J]
CHLORIDE	250	mg/L	[11000]	[6570]	[5970]	[6180]	[6100]	[5690]
CHEMICAL OXYGEN DEMAND	NC	mg/L	1370	91.0J	110J	162	260J	30
HARDNESS (AS CaCO ₃)	NC	mg/L	9950	6340	114	6580	5800	5530
NITROGEN, AMMONIA (AS N)	NC	mg/L	40.4	20.8	18.5	16.7	22	21.4
NITROGEN, KJELDAHL, TOTAL	NC	mg/L	45.0J	20.1J	18.3	15.8J	22	13.9J
NITRATE	10(S)	mg/L	NA	NA	NA	NA	NA	NA
NITROGEN, NITRATE (AS N)	10(S)	mg/L	NA	0.031J	0.11U	0.11U	0.43U	NA
NITRITE	1(S)	mg/L	NA	NA	NA	NA	NA	0.010U
NITROGEN, NITRITE	10(S)	mg/L	0.010U	0.010U	0.010U	0.010U	NA	NA
NITROGEN, NITRATE-NITRITE	10(S)	mg/L	NA	0.031J	0.10U	0.10U	NA	NA
SULFATE	250	mg/L	70.2	25.1	83.5	32.5	12	37.6
TOTAL ORGANIC CARBON	NC	mg/L	2.9J	1.9	1.9J	2.1	1.1	1.9
TOTAL DISSOLVED SOLIDS	NC	mg/L	21300	10500	10300	11300	9000	8460J
TOTAL PHENOLS	0.001(S)	mg/L	0.2U	0.20U	0.20UJ	0.20U	0.0062U	0.2U

Notes:

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Table 23
Honeywell
SCA Hydrogeologic Investigation
Deep Monitoring Wells
Other Data

		Field Sample ID	SCA-0046-03	SCA-0055-06	SCA-0006-06	SCA-0012-04	SCA-0018-02	SCA-0028-04
		Location	SB915-MW-89D	SB915-MW-89D	SB915-MW-91D	SB915-MW-91D	SB915-MW-91D	SB915-MW-91D
		Sample Date	5/9/2012	7/14/2012	3/17/2011	6/28/2011	9/22/2011	12/7/2011
		Sample Depth	63-73 FT	63-73 FT	125-135 FT	125-135 FT	125-135 FT	125-135 FT
	New York State	Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
Parameter Name	Class GA	Units						
	Standards							
ALKALINITY, TOTAL (AS CaCO3)	NC	mg/L	80.9J	82.3	107	104	67.3J	NA
TOTAL ALKALINITY	NC	mg/L	NA	NA	NA	NA	NA	110
BICARBONATE ALKALINITY	NC	mg/L	NA	NA	106	NA	NA	NA
BICARBONATE ALKALINITY AS CaCO3	NC	mg/L	47.5J	82.1	NA	NA	NA	110
CARBONATE ALKALINITY	NC	mg/L	NA	NA	0.52J	NA	NA	NA
ALKALINITY, CARBONATE (AS CaCO3)	NC	mg/L	5.0U	5.0U	NA	NA	NA	0.41U
BIOCHEMICAL OXYGEN DEMAND, FIVE DAY	NC	mg/L	1.6J	0.88J	3.4U	10.2	3.4U	1.4J
BROMIDE	2(G)	mg/L	[10.4J]	[5.1J]	[2.1]	[8.2J]	[5.2J]	0.95U
CHLORIDE	250	mg/L	[5810]	[5540]	[2560]	[2400]	[2380]	[2500]
CHEMICAL OXYGEN DEMAND	NC	mg/L	87	472	68.6	20U	60.0J	130J
HARDNESS (AS CaCO3)	NC	mg/L	5170	5320	2760J	2320J	1950	2600
NITROGEN, AMMONIA (AS N)	NC	mg/L	22.4	21.8	1.3	1.5	1.1	1.6
NITROGEN, KJELDAHL, TOTAL	NC	mg/L	123	16.0J	1.6	1.3J	1.2	2.8J
NITRATE	10(S)	mg/L	0.11U	NA	0.11U	NA	NA	NA
NITROGEN, NITRATE (AS N)	10(S)	mg/L	NA	NA	NA	0.019J	0.11U	0.21U
NITRITE	1(S)	mg/L	NA	NA	0.0061B	NA	NA	NA
NITROGEN, NITRITE	10(S)	mg/L	0.010U	0.0017J	NA	0.010U	0.010U	NA
NITROGEN, NITRATE-NITRITE	10(S)	mg/L	0.10U	NA	0.10U	0.019J	0.10U	NA
SULFATE	250	mg/L	19.6	32	188	177	198	180
TOTAL ORGANIC CARBON	NC	mg/L	2.1J	2.0J	0.80J	1	1.5	1UJ
TOTAL DISSOLVED SOLIDS	NC	mg/L	12400J	10700	4470	3990	4780	4700
TOTAL PHENOLS	0.001(S)	mg/L	0.20U	0.20U	0.20U	0.20U	0.2U	0.0062U

Notes:

U - Non detect; J - estimated value; R - rejected value;

EMPC - estimated maximum possible concentration; K - congener estimated maximum possible concentration.

NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 23
Honeywell
SCA Hydrogeologic Investigation
Deep Monitoring Wells
Other Data

		Field Sample ID	SCA-0043-06	SCA-0050-04	SCA-0057-06	SCA-0005-03	SCA-0013-03	SCA-0015-01
		Location	SB915-MW-91D	SB915-MW-91D	SB915-MW-91D	SB915-MW-92D	SB915-MW-92D	SB915-MW-92D
		Sample Date	3/22/2012	5/15/2012	7/18/2012	3/16/2011	6/29/2011	9/20/2011
	New York State	Sample Depth	125-135 FT	125-135 FT	125-135 FT	92-102 FT	92-102 FT	92-102 FT
	Class GA	Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
Parameter Name	Standards	Units						
ALKALINITY, TOTAL (AS CaCO3)	NC	mg/L	117	110	126	25.5	109	168
TOTAL ALKALINITY	NC	mg/L	NA	NA	NA	NA	NA	NA
BICARBONATE ALKALINITY	NC	mg/L	NA	NA	NA	25.3	NA	NA
BICARBONATE ALKALINITY AS CaCO3	NC	mg/L	116	109	126	NA	NA	NA
CARBONATE ALKALINITY	NC	mg/L	NA	NA	NA	0.18J	NA	NA
ALKALINITY, CARBONATE (AS CaCO3)	NC	mg/L	5U	5.0U	5.0U	NA	NA	NA
BIOCHEMICAL OXYGEN DEMAND, FIVE DAY	NC	mg/L	0.94J	3.4U	3.4U	0.50J	2.6J	1.0J
BROMIDE	2(G)	mg/L	[7.4J]	[8.7J]	[5.1J]	1.1J	[4.3J]	[2.0J]
CHLORIDE	250	mg/L	[2330]	[2220]	[2410]	[995]	[944]	[756]
CHEMICAL OXYGEN DEMAND	NC	mg/L	61.4	35.4J	32.0J	20	22.8	20U
HARDNESS (AS CaCO3)	NC	mg/L	2340	2330J	2390	1660J	1620J	915
NITROGEN, AMMONIA (AS N)	NC	mg/L	1.2	1.5	1.2	0.97	0.20U	0.31
NITROGEN, KJELDAHL, TOTAL	NC	mg/L	0.75	2.0J	0.87J	0.81	0.60U	0.20U
NITRATE	10(S)	mg/L	NA	0.11U	NA	0.040J	NA	NA
NITROGEN, NITRATE (AS N)	10(S)	mg/L	NA	NA	0.11U	NA	0.67J	0.84
NITRITE	1(S)	mg/L	0.010U	NA	NA	0.21	NA	NA
NITROGEN, NITRITE	10(S)	mg/L	NA	0.010U	0.010U	NA	0.035	0.081
NITROGEN, NITRATE-NITRITE	10(S)	mg/L	NA	0.10U	0.010U	0.25	0.70J	0.92
SULFATE	250	mg/L	185	210	189	189	194	184
TOTAL ORGANIC CARBON	NC	mg/L	1.3	1.0U	1.0R	1U	0.70J	1U
TOTAL DISSOLVED SOLIDS	NC	mg/L	4130	5340	4870	1900	2210	2010
TOTAL PHENOLS	0.001(S)	mg/L	0.20U	0.20U	0.20U	0.20U	0.20U	0.2U

Notes:

U - Non detect; J - estimated value; R - rejected value;

EMPC - estimated maximum possible concentration; K - congener estimated maximum possible concentration.

NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 23
Honeywell
SCA Hydrogeologic Investigation
Deep Monitoring Wells
Other Data

	Field Sample ID	SCA-0030-03	SCA-0043-03	SCA-0051-03	SCA-0056-09	SCA-0014-04	SCA-0033-03	
	Location	SB915-MW-92D	SB915-MW-92D	SB915-MW-92D	SB915-MW-92D	SB915-MW-93D	SB915-MW-93D	
	Sample Date	12/9/2011	3/22/2012	5/16/2012	7/17/2012	9/19/2011	12/14/2011	
	Sample Depth	92-102 FT	92-102 FT	92-102 FT	92-102 FT	52-62 FT	52-62 FT	
	New York State Class GA Standards	Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	
Parameter Name	Units							
ALKALINITY, TOTAL (AS CaCO3)	NC	mg/L	NA	194	201	210	150	NA
TOTAL ALKALINITY	NC	mg/L	180	NA	NA	NA	NA	150J
BICARBONATE ALKALINITY	NC	mg/L	NA	NA	NA	NA	149	NA
BICARBONATE ALKALINITY AS CaCO3	NC	mg/L	180	194	201	208	NA	150
CARBONATE ALKALINITY	NC	mg/L	NA	NA	NA	NA	0.54J	NA
ALKALINITY, CARBONATE (AS CaCO3)	NC	mg/L	0.41U	5U	5.0U	5.0U	NA	0.41U
BIOCHEMICAL OXYGEN DEMAND, FIVE DAY	NC	mg/L	0.79U	0.80J	3.4U	3.4U	2.7U	0.79U
BROMIDE	2(G)	mg/L	0.48U	[3.4J]	[3.8J]	[2.0J]	[4.5J]	0.95U
CHLORIDE	250	mg/L	[740]	[762]	[784]	[736]	[2140J]	[2400]
CHEMICAL OXYGEN DEMAND	NC	mg/L	28J	20.5	53.3	20U	27.9	140
HARDNESS (AS CaCO3)	NC	mg/L	940	1120	1300J	915	2490	2500
NITROGEN, AMMONIA (AS N)	NC	mg/L	0.2	0.20U	0.15J	0.20U	4.7	4.2
NITROGEN, KJELDAHL, TOTAL	NC	mg/L	2.8J	0.20U	0.2U	0.40U	4.6	5.5
NITRATE	10(S)	mg/L	NA	1.2	1.2J	NA	NA	NA
NITROGEN, NITRATE (AS N)	10(S)	mg/L	1.1	NA	NA	0.93J	0.033J	0.21U
NITRITE	1(S)	mg/L	NA	0.033	NA	NA	NA	NA
NITROGEN, NITRITE	10(S)	mg/L	NA	NA	0.027	0.029	0.010U	NA
NITROGEN, NITRATE-NITRITE	10(S)	mg/L	NA	1.2	1.2J	0.96J	0.033J	NA
SULFATE	250	mg/L	180	174	175	186	134	130
TOTAL ORGANIC CARBON	NC	mg/L	1UJ	1	1U	1.0U	1.1	1.1
TOTAL DISSOLVED SOLIDS	NC	mg/L	1600	1800	2060	1930	4950	4200
TOTAL PHENOLS	0.001(S)	mg/L	0.0062U	0.2U	0.20U	0.20U	0.20U	0.0062U

Notes:

U - Non detect; J - estimated value; R - rejected value;

EMPC - estimated maximum possible concentration; K - congener estimated maximum possible concentration.

NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 23
Honeywell
SCA Hydrogeologic Investigation
Deep Monitoring Wells
Other Data

Parameter Name	New York State Class GA Standards	Field Sample ID	SCA-0041-03	SCA-0049-03	SCA-0054-06	SCA-0001-02	SCA-0008-04	SCA-0024-02
		Location	SB915-MW-93D	SB915-MW-93D	SB915-MW-93D	SB915-WB-02L	SB915-WB-02L	SB915-WB-02L
		Sample Date	3/20/2012	5/14/2012	7/13/2012	3/10/2011	6/22/2011	9/27/2011
		Sample Depth	52-62 FT	52-62 FT	52-62 FT	94-104 FT	94-104 FT	94-104 FT
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Units						
ALKALINITY, TOTAL (AS CaCO3)	NC	mg/L	157	153	163	59.6J	70.2	60.4
TOTAL ALKALINITY	NC	mg/L	NA	NA	NA	NA	NA	NA
BICARBONATE ALKALINITY	NC	mg/L	NA	NA	NA	NA	NA	NA
BICARBONATE ALKALINITY AS CaCO3	NC	mg/L	157	152	163	NA	NA	NA
CARBONATE ALKALINITY	NC	mg/L	NA	NA	NA	NA	NA	NA
ALKALINITY, CARBONATE (AS CaCO3)	NC	mg/L	5U	5.0U	5.0U	NA	NA	NA
BIOCHEMICAL OXYGEN DEMAND, FIVE DAY	NC	mg/L	5.0U	3.4U	5.0U	1.1J	1.0J	3.4U
BROMIDE	2(G)	mg/L	[6.4J]	[9.9J]	[3.0J]	[16.5J]	[151J]	[77.1J]
CHLORIDE	250	mg/L	[2300]	[2120]	[2380]	[44900]	[42400]	[46200]
CHEMICAL OXYGEN DEMAND	NC	mg/L	24.3	20.3	77.8	1520J	2920J	2530
HARDNESS (AS CaCO3)	NC	mg/L	2680	2330J	2290	39500	30800	48500
NITROGEN, AMMONIA (AS N)	NC	mg/L	4.7J	4.4	5.1	15.4	13	13.6
NITROGEN, KJELDAHL, TOTAL	NC	mg/L	4.8J	4.6J	5.4J	12.3J	2.8J	3.4J
NITRATE	10(S)	mg/L	NA	0.030J	0.11U	NA	NA	NA
NITROGEN, NITRATE (AS N)	10(S)	mg/L	NA	NA	NA	0.086J	0.11U	0.11U
NITRITE	1(S)	mg/L	0.010U	NA	NA	NA	NA	NA
NITROGEN, NITRITE	10(S)	mg/L	NA	0.010U	0.010U	0.010U	0.010U	0.010U
NITROGEN, NITRATE-NITRITE	10(S)	mg/L	NA	0.030J	0.10U	0.086J	0.1U	0.10U
SULFATE	250	mg/L	135	142	144	[553]	[263]	[322]
TOTAL ORGANIC CARBON	NC	mg/L	1.3	1.1R	1.2	0.99J	1.2R	1.1
TOTAL DISSOLVED SOLIDS	NC	mg/L	4670	6590J	4920	54500J	55400	65400
TOTAL PHENOLS	0.001(S)	mg/L	0.2U	0.20U	0.20U	0.20U	0.20UJ	0.20U

Notes:

U - Non detect; J - estimated value; R - rejected value;

EMPC - estimated maximum possible concentration; K - congener estimated maximum possible concentration.

NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 23
Honeywell
SCA Hydrogeologic Investigation
Deep Monitoring Wells
Other Data

	Field Sample ID	SCA-0027-03	SCA-0035-03	SCA-0044-02	SCA-0052-07	SCA-0004-04	SCA-0011-04	
	Location	SB915-WB-02L	SB915-WB-02L	SB915-WB-02L	SB915-WB-02L	SB915-WB-04L	SB915-WB-04L	
	Sample Date	12/6/2011	3/12/2012	5/7/2012	7/11/2012	3/15/2011	6/27/2011	
	Sample Depth	94-104 FT	94-104 FT	94-104 FT	94-104 FT	89-99 FT	89-99 FT	
	New York State Class GA Standards	Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	
Parameter Name	Units							
ALKALINITY, TOTAL (AS CaCO3)	NC	mg/L	NA	63.2	72.8J	81.6	42	37.8
TOTAL ALKALINITY	NC	mg/L	64	NA	NA	NA	NA	NA
BICARBONATE ALKALINITY	NC	mg/L	NA	63.2	NA	NA	NA	NA
BICARBONATE ALKALINITY AS CaCO3	NC	mg/L	64	NA	7.3J	81.5	NA	NA
CARBONATE ALKALINITY	NC	mg/L	NA	NA	NA	NA	NA	NA
ALKALINITY, CARBONATE (AS CaCO3)	NC	mg/L	0.41U	5U	5.0U	5.0U	NA	NA
BIOCHEMICAL OXYGEN DEMAND, FIVE DAY	NC	mg/L	0.79U	3.4U	3J	1.3J	4.5	2.5J
BROMIDE	2(G)	mg/L	[20]	[105]	[81.0J]	[40.7J]	[6.0J]	[25.2J]
CHLORIDE	250	mg/L	[47000]	[44400]	[45500]	[47200]	[7910]	[7420]
CHEMICAL OXYGEN DEMAND	NC	mg/L	2900J	1420	2420	1490	135	449
HARDNESS (AS CaCO3)	NC	mg/L	43000	46500	41100	41800	6750	6460J
NITROGEN, AMMONIA (AS N)	NC	mg/L	17	10.8	10.8	13.4J	14.9	22.4
NITROGEN, KJELDAHL, TOTAL	NC	mg/L	16	0.12J	10.8J	3.1J	20.7	8.4
NITRATE	10(S)	mg/L	NA	0.017J	0.11U	NA	NA	NA
NITROGEN, NITRATE (AS N)	10(S)	mg/L	4.3U	NA	NA	0.011J	0.11U	0.021J
NITRITE	1(S)	mg/L	NA	0.010U	NA	NA	NA	NA
NITROGEN, NITRITE	10(S)	mg/L	NA	NA	0.010U	0.010U	0.010U	0.010U
NITROGEN, NITRATE-NITRITE	10(S)	mg/L	NA	0.017J	0.10U	0.011J	0.10U	0.021J
SULFATE	250	mg/L	[630]	[773]	[836]	[844]	57.9	162
TOTAL ORGANIC CARBON	NC	mg/L	1U	0.99J	0.63J	1.0R	1.4	1.3
TOTAL DISSOLVED SOLIDS	NC	mg/L	140000	94100	109000	95900	11600	13700
TOTAL PHENOLS	0.001(S)	mg/L	0.0062U	0.20U	[0.015J]	0.2U	0.20U	0.20U

Notes:

U - Non detect; J - estimated value; R - rejected value;

EMPC - estimated maximum possible concentration; K - congener estimated maximum possible concentration.

NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 23
Honeywell
SCA Hydrogeologic Investigation
Deep Monitoring Wells
Other Data

		Field Sample ID	SCA-0020-02	SCA-0032-03	SCA-0040-03	SCA-0047-03	SCA-0056-05
		Location	SB915-WB-04L	SB915-WB-04L	SB915-WB-04L	SB915-WB-04L	SB915-WB-04L
		Sample Date	9/23/2011	12/13/2011	3/19/2012	5/10/2012	7/17/2012
	New York State	Sample Depth	89-99 FT	89-99 FT	89-99 FT	89-99 FT	89-99 FT
	Class GA	Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
Parameter Name	Standards	Units					
ALKALINITY, TOTAL (AS CaCO ₃)	NC	mg/L	34.5J	NA	53.5	44.6J	42.9
TOTAL ALKALINITY	NC	mg/L	NA	45	NA	NA	NA
BICARBONATE ALKALINITY	NC	mg/L	NA	NA	53.5	NA	NA
BICARBONATE ALKALINITY AS CaCO ₃	NC	mg/L	NA	45	NA	44.5J	42.8
CARBONATE ALKALINITY	NC	mg/L	NA	NA	NA	NA	NA
ALKALINITY, CARBONATE (AS CaCO ₃)	NC	mg/L	NA	0.41U	5U	5.0U	5.0U
BIOCHEMICAL OXYGEN DEMAND, FIVE DAY	NC	mg/L	6.9U	4.1	8	7.2	3.9J
BROMIDE	2(G)	mg/L	[16.4J]	4.8U	[20.6J]	[15.3J]	[7.6J]
CHLORIDE	250	mg/L	[8020]	[7800]	[7370]	[7780]	[7660]
CHEMICAL OXYGEN DEMAND	NC	mg/L	135	430J	354	1810	566
HARDNESS (AS CaCO ₃)	NC	mg/L	6530J	6700	6460	6510	6470
NITROGEN, AMMONIA (AS N)	NC	mg/L	16.2	19J	16.5	18.9	14.7
NITROGEN, KJELDAHL, TOTAL	NC	mg/L	6.9J	19	18.1J	25.5J	18.4J
NITRATE	10(S)	mg/L	NA	NA	NA	0.11U	NA
NITROGEN, NITRATE (AS N)	10(S)	mg/L	0.11U	1.1U	NA	NA	NA
NITRITE	1(S)	mg/L	NA	NA	0.010U	NA	NA
NITROGEN, NITRITE	10(S)	mg/L	0.010U	NA	NA	0.010U	0.010U
NITROGEN, NITRATE-NITRITE	10(S)	mg/L	0.10U	NA	NA	0.10U	NA
SULFATE	250	mg/L	90.3	78	83.9	72.1	73.2
TOTAL ORGANIC CARBON	NC	mg/L	1.7	1U	1.4	1.6	1.0R
TOTAL DISSOLVED SOLIDS	NC	mg/L	13100	15000	13100	14000	15200
TOTAL PHENOLS	0.001(S)	mg/L	0.2U	0.0062U	0.2U	0.20U	0.20U

Notes:

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EMPC - estimated maximum possible concentration; K - congener estimated maximum possible concentration.

NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 24
Honeywell
SCA Hydrogeologic Investigation
Deep Monitoring Wells
Method 8290 Dioxin/Furan Data

Parameter Name	New York State Class GA Standards	Field Sample ID Location Sample Date Sample Depth Sample Purpose Units	SCA-0002-03 SB915-MW-88D 3/11/2011 59-69 FT Regular sample Regular sample	SCA-0003-03 SB915-MW-89D 3/14/2011 63-73 FT Regular sample Regular sample	SCA-0006-06 SB915-MW-91D 3/17/2011 125-135 FT Regular sample Regular sample	SCA-0005-03 SB915-MW-92D 3/16/2011 92-102 FT Regular sample Regular sample	SCA-0014-04 SB915-MW-93D 9/19/2011 52-62 FT Regular sample Regular sample	SCA-0001-02 SB915-WB-02L 3/10/2011 94-104 FT Regular sample Regular sample
1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	NC	pg/L	51.1U	51.2U	52.3U	50.7U	51.8U	48.0U
1,2,3,4,6,7,8-HPCDF	NC	pg/L	51.1U	51.2U	52.3U	50.7U	51.8U	48.0U
1,2,3,4,7,8,9-HPCDF	NC	pg/L	51.1U	51.2U	52.3U	50.7U	51.8U	48.0U
1,2,3,4,7,8-HXCDD	NC	pg/L	51.1U	51.2U	52.3U	50.7U	51.8U	48.0U
1,2,3,4,7,8-HXCDF	NC	pg/L	51.1U	51.2U	52.3U	50.7U	51.8U	48.0U
1,2,3,6,7,8-HXCDD	NC	pg/L	51.1U	51.2U	52.3U	50.7U	51.8U	48.0U
1,2,3,6,7,8-HXCDF	NC	pg/L	51.1U	51.2U	52.3U	50.7U	51.8U	48.0U
1,2,3,7,8,9-HXCDD	NC	pg/L	51.1U	51.2U	52.3U	50.7U	51.8U	48.0U
1,2,3,7,8,9-HXCDF	NC	pg/L	51.1U	51.2U	52.3U	50.7U	51.8U	48.0U
1,2,3,7,8-PECDD	NC	pg/L	51.1U	51.2U	52.3U	50.7U	51.8U	48.0U
1,2,3,7,8-PECDF	NC	pg/L	51.1U	51.2U	52.3U	50.7U	51.8U	48.0U
2,3,4,6,7,8-HXCDD	NC	pg/L	51.1U	51.2U	52.3U	50.7U	51.8U	48.0U
2,3,4,7,8-PECDF	NC	pg/L	51.1U	51.2U	52.3U	50.7U	51.8U	48.0U
2,3,7,8-TCDD	NC	pg/L	10.2U	10.2U	10.5U	10.1U	10.4U	9.60U
2,3,7,8-TCDF	NC	pg/L	10.2U	10.2U	10.5U	10.1U	10.4U	9.60U
OCDD	NC	pg/L	102U	102U	105U	101U	104U	96.0U
OCDF	NC	pg/L	102U	102U	105U	101U	104U	96.0U
TOTAL HPCDD	NC	pg/L	51.1U	51.2U	52.3U	50.7U	51.8U	48.0U
Total HpCDD + EMPC	NC	pg/L	51.1U	51.2U	52.3U	50.7U	51.8U	48.0U
TOTAL HPCDF	NC	pg/L	51.1U	51.2U	52.3U	50.7U	51.8U	48.0U
Total HpCDF + EMPC	NC	pg/L	51.1U	51.2U	52.3U	50.7U	51.8U	48.0U
TOTAL HXCDD	NC	pg/L	51.1U	51.2U	52.3U	50.7U	51.8U	48.0U
Total HxCDD + EMPC	NC	pg/L	51.1U	51.2U	52.3U	50.7U	51.8U	48.0U
TOTAL HXCDF	NC	pg/L	51.1U	51.2U	52.3U	50.7U	51.8U	48.0U
Total HxCDF + EMPC	NC	pg/L	51.1U	51.2U	52.3U	50.7U	51.8U	48.0U
TOTAL PECDD	NC	pg/L	51.1U	51.2U	52.3U	50.7U	51.8U	48.0U
Total PeCDD + EMPC	NC	pg/L	51.1U	51.2U	52.3U	50.7U	51.8U	48.0U
TOTAL PECDF	NC	pg/L	51.1U	51.2U	52.3U	50.7U	51.8U	48.0U
Total PeCDF + EMPC	NC	pg/L	51.1U	51.2U	52.3U	50.7U	51.8U	48.0U
TOTAL TCDD	NC	pg/L	10.2U	10.2U	10.5U	10.1U	10.4U	9.60U
Total TCDD + EMPC	NC	pg/L	10.2U	10.2U	10.5U	10.1U	10.4U	9.60U
Total TCDF	NC	pg/L	10.2U	10.2U	10.5U	10.1U	10.4U	9.60U
Total TCDF + EMPC	NC	pg/L	10.2U	10.2U	10.5U	10.1U	10.4U	9.60U

Notes:

U - Non detect; J - estimated value; R - rejected value;

EMPC - estimated maximum possible concentration; K - congener estimated maximum possible concentration.

NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 24
Honeywell
SCA Hydrogeologic Investigation
Deep Monitoring Wells
Method 8290 Dioxin/Furan Data

Parameter Name	New York State Class GA Standards	Field Sample ID	SCA-0004-04
		Location	SB915-WB-04L
		Sample Date	3/15/2011
		Sample Depth	89-99 FT
		Sample Purpose	Regular sample
		Units	
1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	NC	pg/L	51.3U
1,2,3,4,6,7,8-HPCDF	NC	pg/L	51.3U
1,2,3,4,7,8,9-HPCDF	NC	pg/L	51.3U
1,2,3,4,7,8-HXCDD	NC	pg/L	51.3U
1,2,3,4,7,8-HXCDF	NC	pg/L	51.3U
1,2,3,6,7,8-HXCDD	NC	pg/L	51.3U
1,2,3,6,7,8-HXCDF	NC	pg/L	51.3U
1,2,3,7,8,9-HXCDD	NC	pg/L	51.3U
1,2,3,7,8,9-HXCDF	NC	pg/L	51.3U
1,2,3,7,8-PECDD	NC	pg/L	51.3U
1,2,3,7,8-PECDF	NC	pg/L	51.3U
2,3,4,6,7,8-HXCDF	NC	pg/L	51.3U
2,3,4,7,8-PECDF	NC	pg/L	51.3U
2,3,7,8-TCDD	NC	pg/L	10.3U
2,3,7,8-TCDF	NC	pg/L	10.3U
OCDD	NC	pg/L	103U
OCDF	NC	pg/L	103U
TOTAL HPCDD	NC	pg/L	51.3U
Total HpCDD + EMPC	NC	pg/L	51.3U
TOTAL HPCDF	NC	pg/L	51.3U
Total HpCDF + EMPC	NC	pg/L	51.3U
TOTAL HXCDD	NC	pg/L	51.3U
Total HxCDD + EMPC	NC	pg/L	51.3U
TOTAL HXCDF	NC	pg/L	51.3U
Total HxCDF + EMPC	NC	pg/L	51.3U
TOTAL PECDD	NC	pg/L	51.3U
Total PeCDD + EMPC	NC	pg/L	51.3U
TOTAL PECDF	NC	pg/L	51.3U
Total PeCDF + EMPC	NC	pg/L	51.3U
TOTAL TCDD	NC	pg/L	10.3U
Total TCDD + EMPC	NC	pg/L	10.3U
Total TCDF	NC	pg/L	10.3U
Total TCDF + EMPC	NC	pg/L	10.3U

Notes:

U - Non detect; J - estimated value; R - rejected value;

EMPC - estimated maximum possible concentration; K - congener estimated maximum possible concentration.

NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 25
Honeywell
SCA Hydrogeologic Investigation
Bedrock Monitoring Wells
Method 8260/8015 Volatile Organic Compound Data

Parameter Name	New York State Class GA Standards	Field Sample ID Location Sample Date Sample Depth Sample Purpose Units	SCA-0001-04 SB915-MW-87BR 3/10/2011 119-129 FT Regular sample	SCA-0008-01 SB915-MW-87BR 6/22/2011 119-129 FT Regular sample	SCA-0024-03 SB915-MW-87BR 9/27/2011 119-129 FT Regular sample	SCA-0027-04 SB915-MW-87BR 12/6/2011 119-129 FT Regular sample	SCA-0035-04 SB915-MW-87BR 3/12/2012 119-129 FT Regular sample	SCA-0044-04 SB915-MW-87BR 5/7/2012 119-129 FT Regular sample
1,1,1,2-TETRACHLOROETHANE	NC	µg/L	5.0U	5.0U	5.0U	0.68U	5.0U	5.0U
1,1,1-TRICHLOROETHANE	5(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
1,1,2,2-TETRACHLOROETHANE	5(S)	µg/L	1.0U	1.0U	1.0U	0.93U	1.0U	1.0U
1,1,2-TRICHLOROETHANE	1(S)	µg/L	1.0U	1.0U	1.0U	1.2U	1.0U	1.0U
1,1,2-TRICHLOROTRIFLUOROETHANE	NC	µg/L	NA	NA	NA	0.33U	NA	NA
1,1-DICHLOROETHANE	5(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
1,1-DICHLOROETHENE	5(S)	µg/L	1.0U	1.0U	1.0U	1.1U	1.0U	1.0U
1,1-DICHLOROPROPENE	NC	µg/L	5.0U	NA	NA	NA	NA	NA
1,2,3-TRICHLOROPROPANE	NC	µg/L	5.0U	5.0U	5.0U	1.6U	5.0U	5.0U
1,2,4-TRICHLOROENZENE	5(S)	µg/L	5.0U	NA	NA	0.38U	NA	NA
1,2-DIBROMO-3-CHLOROPROPANE	NC	µg/L	10U	10U	10U	0.35UJ	10U	10U
1,2-DIBROMOETHANE	5(S)	µg/L	2.0U	2.0U	2.0U	0.61U	2.0U	2.0U
1,2-DICHLOROBENZENE	3(S)	µg/L	1.0U	NA	1.0U	0.68U	1.0U	1.0U
1,2-DICHLOROETHANE	0.6(S)	µg/L	1.0U	1.0U	1.0U	0.96U	1.0U	1.0U
1,2-DICHLOROETHENE (TOTAL)	5(S)	µg/L	NA	NA	NA	0.95U	NA	NA
1,2-DICHLOROPROPANE	1(S)	µg/L	1.0U	1.0U	1.0U	1.3U	1.0U	1.0U
1,3-DICHLOROBENZENE	3(S)	µg/L	1.0U	NA	NA	0.51U	NA	NA
1,3-DICHLOROPROPANE	NC	µg/L	5.0U	NA	NA	NA	NA	NA
1,4-DICHLOROBENZENE	3(S)	µg/L	1.0U	NA	1.0U	0.53U	1.0U	1.0U
1,4-DIOXANE	NC	µg/L	NA	130U	NA	NA	NA	NA
2,2-DICHLOROPROPANE	NC	µg/L	5.0U	NA	NA	NA	NA	NA
2-BUTANONE	50(G)	µg/L	10U	10U	10U	1.1U	10U	10U
2-HEXANONE	50(G)	µg/L	5.0U	5.0U	5.0U	0.57U	5.0U	5.0U
2-PROPENENITRILE, 2-METHYL-	NC	µg/L	10U	10U	NA	NA	NA	NA
4-METHYL-2-PENTANONE	NC	µg/L	5.0U	5.0U	5.0U	0.59U	5.0U	5.0U
ACETONE	50(S)	µg/L	10U	10U	10U	5.0UJ	10U	10U
ACETONITRILE	NC	µg/L	100U	100U	NA	NA	50U	50U
ACETOPHENONE	NC	µg/L	NA	NA	NA	NA	NA	NA
ACROLEIN	NC	µg/L	50U	50U	NA	NA	NA	NA
ACRYLONITRILE	NC	µg/L	50U	50U	50U	6.8U	NA	NA
ALLYL CHLORIDE	NC	µg/L	5.0U	5.0U	NA	NA	NA	NA
BENZENE	1(S)	µg/L	1.0U	1.0U	1.0U	0.99U	1.0U	1.0U
BROMOCHLOROMETHANE	NC	µg/L	5.0U	NA	5.0U	NA	5.0U	5.0U
BROMODICHLOROMETHANE	50(G)	µg/L	1.0U	1.0U	1.0U	0.93U	1.0U	1.0U
BROMOFORM	50(G)	µg/L	4.0U	4.0U	4.0U	1.1UJ	4.0U	4.0U
BROMOMETHANE	5(S)	µg/L	2.0U	2.0U	2.0U	1.6U	2.0UJ	2.0UJ
CARBON DISULFIDE	60(G)	µg/L	2.0U	2.0U	2.0U	1.1U	2.0U	2.0U
CARBON TETRACHLORIDE	5(S)	µg/L	1.0U	1.0UJ	1.0U	1.1U	1.0U	1.0U
CHLOROBENZENE	5(S)	µg/L	1.0U	1.0U	1.0U	0.53U	1.0U	1.0U
CHLORODIBROMOMETHANE	50(G)	µg/L	1.0U	1.0U	1.0U	0.65U	1.0U	1.0U

Notes:

U - Non detect; J - estimated value; R - rejected value;

EMPC - estimated maximum possible concentration; K - congener estimated maximum possible concentration.

NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 25
Honeywell
SCA Hydrogeologic Investigation
Bedrock Monitoring Wells
Method 8260/8015 Volatile Organic Compound Data

Parameter Name	New York State Class GA Standards	Field Sample ID	SCA-0001-04	SCA-0008-01	SCA-0024-03	SCA-0027-04	SCA-0035-04	SCA-0044-04
		Location	SB915-MW-87BR	SB915-MW-87BR	SB915-MW-87BR	SB915-MW-87BR	SB915-MW-87BR	SB915-MW-87BR
		Sample Date	3/10/2011	6/22/2011	9/27/2011	12/6/2011	3/12/2012	5/7/2012
		Sample Depth	119-129 FT	119-129 FT	119-129 FT	119-129 FT	119-129 FT	119-129 FT
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
Units								
CHLOROETHANE	5(S)	µg/L	1.0U	1.0U	1.0U	0.75U	1.0U	1.0U
CHLOROFORM	7(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
CHLOROMETHANE	5(S)	µg/L	1.0U	1.0U	1.0U	1.4U	1.0U	1.0U
CHLOROPRENE	NC	µg/L	5.0U	5.0U	NA	NA	NA	NA
CIS-1,2-DICHLOROETHENE	5(G)	µg/L	1.0U	1.0U	1.0U	0.67U	1.0U	1.0U
CIS-1,3-DICHLOROPROPENE	0.4(S)	µg/L	1.0U	1.0U	1.0U	0.73U	1.0U	1.0U
CYCLOHEXANE	NC	µg/L	NA	NA	NA	0.60U	NA	NA
DIBROMOMETHANE	NC	µg/L	5.0U	5.0U	5.0U	NA	5.0U	5.0U
DICHLORODIFLUOROMETHANE	5(S)	µg/L	5.0U	5.0U	NA	0.64U	NA	NA
ETHANE, PENTACHLORO-	NC	µg/L	NA	5.0U	NA	NA	NA	NA
ETHYL CYANIDE	NC	µg/L	NA	50U	NA	NA	NA	NA
ETHYL METHACRYLATE	NC	µg/L	10U	10U	NA	NA	NA	NA
ETHYLBENZENE	5(S)	µg/L	1.0U	1.0U	1.0U	0.62U	1.0U	1.0U
IODOMETHANE	NC	µg/L	25U	25U	NA	NA	NA	NA
ISOBUTANOL	NC	µg/L	100U	50U	NA	NA	NA	NA
ISOPROPANOL	NC	µg/L	NA	NA	NA	NA	NA	NA
ISOPROPYLBENZENE	5(G)	µg/L	NA	NA	NA	0.53U	NA	NA
METHYL ACETATE	NC	µg/L	NA	NA	NA	1.2U	NA	NA
METHYL METHACRYLATE	NC	µg/L	10U	10U	NA	NA	NA	NA
METHYL TERT-BUTYL ETHER	10(G)	µg/L	NA	NA	NA	1.0U	NA	NA
METHYLCYCLOHEXANE	NC	µg/L	NA	NA	NA	0.56U	NA	NA
METHYLENE CHLORIDE	5(S)	µg/L	2.0U	2.0U	2.0U	1.1U	2.0U	2.0U
O-XYLENE	5(S)	µg/L	1.0U	NA	NA	NA	NA	NA
STYRENE	5(S)	µg/L	5.0U	5.0U	5.0U	0.64U	5.0U	5.0U
TETRACHLOROETHENE	5(S)	µg/L	1.0U	1.0U	1.0U	0.82U	1.0U	1.0U
TOLUENE	5(S)	µg/L	1.0U	0.35J	1.0U	0.85U	1.0U	1.0U
TRANS-1,2-DICHLOROETHENE	5(G)	µg/L	1.0U	1.0U	1.0U	0.75U	1.0U	1.0U
TRANS-1,3-DICHLOROPROPENE	0.4(S)	µg/L	1.0U	1.0U	1.0U	0.58U	1.0U	1.0U
TRANS-1,4-DICHLORO-2-BUTENE	NC	µg/L	5.0U	5.0U	5.0U	0.81U	5.0U	5.0U
TRICHLOROETHENE	5(S)	µg/L	1.0U	1.0U	1.0U	0.80U	1.0U	1.0U
TRICHLOROFLUOROMETHANE	5(S)	µg/L	5.0U	5.0U	5.0U	1.1U	5.0U	5.0U
VINYL ACETATE	NC	µg/L	10U	10U	10U	0.86U	10U	10U
VINYL CHLORIDE	2(S)	µg/L	1.0U	1.0U	1.0U	1.3U	1.0U	1.0U
XYLENES, M & P	5(S)	µg/L	1.0U	NA	NA	NA	NA	NA
XYLENES, TOTAL	5(S)	µg/L	1.0U	1.0U	1.0U	2.0U	1.0U	1.0U

Notes:

U - Non detect; J - estimated value; R - rejected value;

EMPC - estimated maximum possible concentration; K - congener estimated maximum possible concentration.

NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 25
Honeywell
SCA Hydrogeologic Investigation
Bedrock Monitoring Wells
Method 8260/8015 Volatile Organic Compound Data

Parameter Name	New York State Class GA Standards	Field Sample ID	SCA-0052-03	SCA-0002-04	SCA-0009-04	SCA-0026-04	SCA-0029-04	SCA-0036-04
		Location	SB915-MW-87BR	SB915-MW-88BR	SB915-MW-88BR	SB915-MW-88BR	SB915-MW-88BR	SB915-MW-88BR
		Sample Date	7/11/2012	3/11/2011	6/23/2011	9/28/2011	12/8/2011	3/13/2012
		Sample Depth	119-129 FT	100-110 FT	100-110 FT	100-110 FT	100-110 FT	100-110 FT
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
Units								
1,1,1,2-TETRACHLOROETHANE	NC	µg/L	5.0U	5.0U	5.0U	5.0U	0.68U	5.0U
1,1,1-TRICHLOROETHANE	5(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
1,1,2,2-TETRACHLOROETHANE	5(S)	µg/L	1.0U	1.0U	1.0U	1.0U	0.93U	1.0U
1,1,2-TRICHLOROETHANE	1(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.2U	1.0U
1,1,2-TRICHLOROTRIFLUOROETHANE	NC	µg/L	NA	NA	NA	NA	0.33U	NA
1,1-DICHLOROETHANE	5(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
1,1-DICHLOROETHENE	5(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.1U	1.0U
1,1-DICHLOROPROPENE	NC	µg/L	NA	5.0U	NA	NA	NA	NA
1,2,3-TRICHLOROPROPANE	NC	µg/L	5.0U	5.0U	5.0U	5.0U	1.6U	5.0U
1,2,4-TRICHLOROENZENE	5(S)	µg/L	NA	5.0U	NA	NA	0.38U	NA
1,2-DIBROMO-3-CHLOROPROPANE	NC	µg/L	10U	10U	10U	10U	0.35U	10U
1,2-DIBROMOETHANE	5(S)	µg/L	2.0U	2.0U	2.0U	2.0U	0.61U	2.0U
1,2-DICHLOROBENZENE	3(S)	µg/L	1.0U	1.0U	NA	1.0U	1.6J	1.0U
1,2-DICHLOROETHANE	0.6(S)	µg/L	1.0U	1.0U	1.0U	1.0U	0.96U	1.0U
1,2-DICHLOROETHENE (TOTAL)	5(S)	µg/L	NA	NA	NA	NA	NA	NA
1,2-DICHLOROPROPANE	1(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.3U	1.0U
1,3-DICHLOROBENZENE	3(S)	µg/L	NA	1.0U	NA	NA	0.51U	NA
1,3-DICHLOROPROPANE	NC	µg/L	NA	5.0U	NA	NA	NA	NA
1,4-DICHLOROBENZENE	3(S)	µg/L	1.0U	1.0U	NA	1.0U	5U	1.0U
1,4-DIOXANE	NC	µg/L	NA	NA	130U	NA	NA	NA
2,2-DICHLOROPROPANE	NC	µg/L	NA	5.0U	NA	NA	NA	NA
2-BUTANONE	50(G)	µg/L	10U	10U	10U	10U	1.1UJ	10U
2-HEXANONE	50(G)	µg/L	5.0U	5.0U	5.0U	5.0U	0.57UJ	5.0U
2-PROPENENITRILE, 2-METHYL-	NC	µg/L	NA	10U	10U	NA	NA	NA
4-METHYL-2-PENTANONE	NC	µg/L	5.0U	5.0U	5.0U	5.0U	0.59UJ	5.0U
ACETONE	50(S)	µg/L	10U	10U	10U	10U	5.0UJ	10U
ACETONITRILE	NC	µg/L	50U	100U	100U	NA	NA	50U
ACETOPHENONE	NC	µg/L	NA	NA	NA	NA	NA	NA
ACROLEIN	NC	µg/L	NA	50U	50U	NA	NA	NA
ACRYLONITRILE	NC	µg/L	NA	50U	50U	50U	6.8UJ	NA
ALLYL CHLORIDE	NC	µg/L	NA	5.0U	5.0U	NA	NA	NA
BENZENE	1(S)	µg/L	1.0U	1.0U	1.0U	1.0U	0.99U	1.0U
BROMOCHLOROMETHANE	NC	µg/L	5.0U	5.0U	NA	5.0U	NA	5.0U
BROMODICHLOROMETHANE	50(G)	µg/L	1.0U	1.0U	1.0U	1.0U	0.93U	1.0U
BROMOFORM	50(G)	µg/L	4.0U	4.0U	4.0U	4.0U	1.1U	4.0U
BROMOMETHANE	5(S)	µg/L	2.0U	2.0U	2.0U	2.0U	1.6U	2.0UJ
CARBON DISULFIDE	60(G)	µg/L	2.0U	2.0U	2.0U	2.0U	1.1U	0.29J
CARBON TETRACHLORIDE	5(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.1U	1.0U
CHLOROBENZENE	5(S)	µg/L	1.0U	1.0U	1.0U	1.0U	0.65J	1.0U
CHLORODIBROMOMETHANE	50(G)	µg/L	1.0U	1.0U	1.0U	1.0U	0.65U	1.0U

Notes:

U - Non detect; J - estimated value; R - rejected value;

EMPC - estimated maximum possible concentration; K - congener estimated maximum possible concentration.

NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 25
Honeywell
SCA Hydrogeologic Investigation
Bedrock Monitoring Wells
Method 8260/8015 Volatile Organic Compound Data

Parameter Name	New York State Class GA Standards	Field Sample ID	SCA-0052-03	SCA-0002-04	SCA-0009-04	SCA-0026-04	SCA-0029-04	SCA-0036-04
		Location	SB915-MW-87BR	SB915-MW-88BR	SB915-MW-88BR	SB915-MW-88BR	SB915-MW-88BR	SB915-MW-88BR
		Sample Date	7/11/2012	3/11/2011	6/23/2011	9/28/2011	12/8/2011	3/13/2012
		Sample Depth	119-129 FT	100-110 FT	100-110 FT	100-110 FT	100-110 FT	100-110 FT
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
Units								
CHLOROETHANE	5(S)	µg/L	1.0U	1.0U	1.0U	1.0U	0.75U	1.0UJ
CHLOROFORM	7(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
CHLOROMETHANE	5(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.4U	1.0U
CHLOROPRENE	NC	µg/L	NA	5.0U	5.0U	NA	NA	NA
CIS-1,2-DICHLOROETHENE	5(G)	µg/L	1.0U	1.0U	1.0U	1.0U	0.67U	1.0U
CIS-1,3-DICHLOROPROPENE	0.4(S)	µg/L	1.0U	1.0U	1.0U	1.0U	0.73U	1.0U
CYCLOHEXANE	NC	µg/L	NA	NA	NA	NA	0.60U	NA
DIBROMOMETHANE	NC	µg/L	5.0U	5.0U	5.0U	5.0U	NA	5.0U
DICHLORODIFLUOROMETHANE	5(S)	µg/L	NA	5.0U	5.0U	NA	0.64U	NA
ETHANE, PENTACHLORO-	NC	µg/L	NA	NA	5.0U	NA	NA	NA
ETHYL CYANIDE	NC	µg/L	NA	NA	50U	NA	NA	NA
ETHYL METHACRYLATE	NC	µg/L	NA	10U	10U	NA	NA	NA
ETHYLBENZENE	5(S)	µg/L	1.0U	1.0U	1.0U	1.0U	0.62U	1.0U
IODOMETHANE	NC	µg/L	NA	25U	25U	NA	NA	NA
ISOBUTANOL	NC	µg/L	NA	100U	50U	NA	NA	NA
ISOPROPANOL	NC	µg/L	NA	NA	NA	NA	NA	NA
ISOPROPYLBENZENE	5(G)	µg/L	NA	NA	NA	NA	0.53U	NA
METHYL ACETATE	NC	µg/L	NA	NA	NA	NA	1.2UJ	NA
METHYL METHACRYLATE	NC	µg/L	NA	10U	10U	NA	NA	NA
METHYL TERT-BUTYL ETHER	10(G)	µg/L	NA	NA	NA	NA	1.0U	NA
METHYLCYCLOHEXANE	NC	µg/L	NA	NA	NA	NA	0.56U	NA
METHYLENE CHLORIDE	5(S)	µg/L	2.0U	2.0U	2.0U	2.0U	1.1U	2.0U
O-XYLENE	5(S)	µg/L	NA	1.0U	NA	NA	0.73U	NA
STYRENE	5(S)	µg/L	5.0U	5.0U	5.0U	5.0U	0.64U	5.0U
TETRACHLOROETHENE	5(S)	µg/L	1.0U	1.0U	1.0U	1.0U	0.82U	1.0U
TOLUENE	5(S)	µg/L	1.0U	1	0.46J	1.0U	0.85U	1.0U
TRANS-1,2-DICHLOROETHENE	5(G)	µg/L	1.0U	1.0U	1.0U	1.0U	0.75U	1.0U
TRANS-1,3-DICHLOROPROPENE	0.4(S)	µg/L	1.0U	1.0U	1.0U	1.0U	0.58U	1.0U
TRANS-1,4-DICHLORO-2-BUTENE	NC	µg/L	5.0U	5.0U	5.0U	5.0U	0.81U	5.0U
TRICHLOROETHENE	5(S)	µg/L	1.0U	1.0U	1.0U	1.0U	0.80U	1.0U
TRICHLOROFLUOROMETHANE	5(S)	µg/L	5.0U	5.0U	5.0U	5.0U	1.1U	5.0U
VINYL ACETATE	NC	µg/L	10U	10U	10U	10U	0.86U	10U
VINYL CHLORIDE	2(S)	µg/L	1.0U	0.52J	1.0U	1.0U	1.3U	1.0U
XYLENES, M & P	5(S)	µg/L	NA	1.0U	NA	NA	1.3U	NA
XYLENES, TOTAL	5(S)	µg/L	1.0U	1.0U	1.0U	1.0U	2.0U	1.0U

Notes:

U - Non detect; J - estimated value; R - rejected value;

EMPC - estimated maximum possible concentration; K - congener estimated maximum possible concentration.

NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 25
Honeywell
SCA Hydrogeologic Investigation
Bedrock Monitoring Wells
Method 8260/8015 Volatile Organic Compound Data

Parameter Name	New York State Class GA Standards	Field Sample ID	SCA-0045-04	SCA-0053-04	SCA-0003-04	SCA-0010-04	SCA-0022-01	SCA-0031-04
		Location	SB915-MW-88BR	SB915-MW-88BR	SB915-MW-89BR	SB915-MW-89BR	SB915-MW-89BR	SB915-MW-89BR
		Sample Date	5/8/2012	7/12/2012	3/14/2011	6/24/2011	9/26/2011	12/12/2011
		Sample Depth	100-110 FT	100-110 FT	118-128 FT	118-128 FT	118-128 FT	118-128 FT
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
Units								
1,1,1,2-TETRACHLOROETHANE	NC	µg/L	5.0U	5.0U	5.0U	5.0U	5.0U	0.68U
1,1,1-TRICHLOROETHANE	5(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
1,1,2,2-TETRACHLOROETHANE	5(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	0.93U
1,1,2-TRICHLOROETHANE	1(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.2U
1,1,2-TRICHLOROTRIFLUOROETHANE	NC	µg/L	NA	NA	NA	NA	NA	0.33U
1,1-DICHLOROETHANE	5(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
1,1-DICHLOROETHENE	5(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.1U
1,1-DICHLOROPROPENE	NC	µg/L	NA	NA	5.0U	NA	NA	NA
1,2,3-TRICHLOROPROPANE	NC	µg/L	5.0U	5.0U	5.0U	5.0U	5.0U	1.6UJ
1,2,4-TRICHLOROENZENE	5(S)	µg/L	NA	NA	5.0U	NA	NA	0.38UJ
1,2-DIBROMO-3-CHLOROPROPANE	NC	µg/L	10U	10U	10U	10U	10U	0.35UJ
1,2-DIBROMOETHANE	5(S)	µg/L	2.0U	2.0U	2.0U	2.0U	2.0U	0.61U
1,2-DICHLOROBENZENE	3(S)	µg/L	1.0U	1.0U	1.0U	NA	1.0U	5U
1,2-DICHLOROETHANE	0.6(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	0.96U
1,2-DICHLOROETHENE (TOTAL)	5(S)	µg/L	NA	NA	NA	NA	NA	NA
1,2-DICHLOROPROPANE	1(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.3U
1,3-DICHLOROBENZENE	3(S)	µg/L	NA	NA	1.0U	NA	NA	0.51U
1,3-DICHLOROPROPANE	NC	µg/L	NA	NA	5.0U	NA	NA	NA
1,4-DICHLOROBENZENE	3(S)	µg/L	1.0U	1.0U	1.0U	NA	1.0U	5U
1,4-DIOXANE	NC	µg/L	NA	NA	NA	130U	NA	NA
2,2-DICHLOROPROPANE	NC	µg/L	NA	NA	5.0U	NA	NA	NA
2-BUTANONE	50(G)	µg/L	10U	10U	10U	10U	10U	1.1UJ
2-HEXANONE	50(G)	µg/L	5.0U	5.0U	5.0U	5.0U	5.0U	0.57UJ
2-PROPENENITRILE, 2-METHYL-	NC	µg/L	NA	NA	10U	10U	NA	NA
4-METHYL-2-PENTANONE	NC	µg/L	5.0U	5.0U	5.0U	5.0U	5.0U	0.59U
ACETONE	50(S)	µg/L	10U	10U	10U	10U	10U	5.0UJ
ACETONITRILE	NC	µg/L	50U	50U	100U	100U	NA	NA
ACETOPHENONE	NC	µg/L	NA	NA	NA	NA	NA	NA
ACROLEIN	NC	µg/L	NA	NA	50U	50U	NA	NA
ACRYLONITRILE	NC	µg/L	NA	NA	50U	50U	50U	6.8U
ALLYL CHLORIDE	NC	µg/L	NA	NA	5.0U	5.0U	NA	NA
BENZENE	1(S)	µg/L	1.0U	1.0U	[2.5]	1.0U	1.0U	0.99U
BROMOCHLOROMETHANE	NC	µg/L	5.0U	5.0U	5.0U	NA	5.0U	NA
BROMODICHLOROMETHANE	50(G)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	0.93U
BROMOFORM	50(G)	µg/L	4.0U	4.0U	4.0U	4.0U	4.0U	1.1U
BROMOMETHANE	5(S)	µg/L	2.0U	2.0U	2.0U	2.0U	2.0U	1.6U
CARBON DISULFIDE	60(G)	µg/L	2.0U	2.0U	2.0U	2.0U	2.0U	1.1UJ
CARBON TETRACHLORIDE	5(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.1U
CHLOROBENZENE	5(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	5U
CHLORODIBROMOMETHANE	50(G)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	0.65U

Notes:

U - Non detect; J - estimated value; R - rejected value;

EMPC - estimated maximum possible concentration; K - congener estimated maximum possible concentration.

NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 25
Honeywell
SCA Hydrogeologic Investigation
Bedrock Monitoring Wells
Method 8260/8015 Volatile Organic Compound Data

Parameter Name	New York State Class GA Standards	Field Sample ID	SCA-0045-04	SCA-0053-04	SCA-0003-04	SCA-0010-04	SCA-0022-01	SCA-0031-04
		Location	SB915-MW-88BR	SB915-MW-88BR	SB915-MW-89BR	SB915-MW-89BR	SB915-MW-89BR	SB915-MW-89BR
		Sample Date	5/8/2012	7/12/2012	3/14/2011	6/24/2011	9/26/2011	12/12/2011
		Sample Depth	100-110 FT	100-110 FT	118-128 FT	118-128 FT	118-128 FT	118-128 FT
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
Units								
CHLOROETHANE	5(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	0.75UJ
CHLOROFORM	7(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
CHLOROMETHANE	5(S)	µg/L	1.0U	1.0UJ	0.36J	1.0U	1.0U	1.4U
CHLOROPRENE	NC	µg/L	NA	NA	5.0U	5.0U	NA	NA
CIS-1,2-DICHLOROETHENE	5(G)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	0.67U
CIS-1,3-DICHLOROPROPENE	0.4(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	0.73U
CYCLOHEXANE	NC	µg/L	NA	NA	NA	NA	NA	0.60U
DIBROMOMETHANE	NC	µg/L	5.0U	5.0U	5.0U	5.0U	5.0U	NA
DICHLORODIFLUOROMETHANE	5(S)	µg/L	NA	NA	5.0U	5.0U	NA	0.64U
ETHANE, PENTACHLORO-	NC	µg/L	NA	NA	NA	5.0U	NA	NA
ETHYL CYANIDE	NC	µg/L	NA	NA	NA	50U	NA	NA
ETHYL METHACRYLATE	NC	µg/L	NA	NA	10U	10U	NA	NA
ETHYLBENZENE	5(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	0.62U
IODOMETHANE	NC	µg/L	NA	NA	25U	25U	NA	NA
ISOBUTANOL	NC	µg/L	NA	NA	100U	50U	NA	NA
ISOPROPANOL	NC	µg/L	NA	NA	NA	NA	NA	NA
ISOPROPYLBENZENE	5(G)	µg/L	NA	NA	NA	NA	NA	0.53U
METHYL ACETATE	NC	µg/L	NA	NA	NA	NA	NA	1.2UJ
METHYL METHACRYLATE	NC	µg/L	NA	NA	10U	10U	NA	NA
METHYL TERT-BUTYL ETHER	10(G)	µg/L	NA	NA	NA	NA	NA	1.0U
METHYLCYCLOHEXANE	NC	µg/L	NA	NA	NA	NA	NA	0.56U
METHYLENE CHLORIDE	5(S)	µg/L	2.0U	2.0U	2.0U	2.0U	2.0U	1.1U
O-XYLENE	5(S)	µg/L	NA	NA	1.0U	NA	NA	0.73U
STYRENE	5(S)	µg/L	5.0U	5.0U	5.0U	5.0U	5.0U	0.64U
TETRACHLOROETHENE	5(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	0.82U
TOLUENE	5(S)	µg/L	1.0U	1.0U	2.8	0.32J	1.0U	0.85U
TRANS-1,2-DICHLOROETHENE	5(G)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	0.75U
TRANS-1,3-DICHLOROPROPENE	0.4(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	0.58U
TRANS-1,4-DICHLORO-2-BUTENE	NC	µg/L	5.0UJ	5.0U	5.0U	5.0U	5.0U	0.81U
TRICHLOROETHENE	5(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	0.80U
TRICHLOROFLUOROMETHANE	5(S)	µg/L	5.0U	5.0U	5.0U	5.0U	5.0U	1.1UJ
VINYL ACETATE	NC	µg/L	10U	10U	10U	10U	10U	0.86U
VINYL CHLORIDE	2(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.3U
XYLENES, M & P	5(S)	µg/L	NA	NA	1.0U	NA	NA	1.3U
XYLENES, TOTAL	5(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	2.0U

Notes:

U - Non detect; J - estimated value; R - rejected value;

EMPC - estimated maximum possible concentration; K - congener estimated maximum possible concentration.

NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 25
Honeywell
SCA Hydrogeologic Investigation
Bedrock Monitoring Wells
Method 8260/8015 Volatile Organic Compound Data

Parameter Name	New York State Class GA Standards	Field Sample ID	SCA-0039-04	SCA-0046-04	SCA-0055-07	SCA-0004-06	SCA-0011-02	SCA-0020-03
		Location	SB915-MW-89BR	SB915-MW-89BR	SB915-MW-89BR	SB915-MW-90BR	SB915-MW-90BR	SB915-MW-90BR
		Sample Date	3/16/2012	5/9/2012	7/14/2012	3/15/2011	6/27/2011	9/23/2011
		Sample Depth	118-128 FT	118-128 FT	118-128 FT	119.5-129.5 FT	119.5-129.5 FT	119.5-129.5 FT
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
Units								
1,1,1,2-TETRACHLOROETHANE	NC	µg/L	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
1,1,1-TRICHLOROETHANE	5(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
1,1,2,2-TETRACHLOROETHANE	5(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
1,1,2-TRICHLOROETHANE	1(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
1,1,2-TRICHLOROTRIFLUOROETHANE	NC	µg/L	NA	NA	NA	NA	NA	NA
1,1-DICHLOROETHANE	5(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
1,1-DICHLOROETHENE	5(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
1,1-DICHLOROPROPENE	NC	µg/L	NA	NA	NA	5.0U	NA	NA
1,2,3-TRICHLOROPROPANE	NC	µg/L	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
1,2,4-TRICHLOROENZENE	5(S)	µg/L	NA	NA	NA	0.79J	NA	NA
1,2-DIBROMO-3-CHLOROPROPANE	NC	µg/L	10U	10U	10U	10U	10U	10U
1,2-DIBROMOETHANE	5(S)	µg/L	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U
1,2-DICHLOROBENZENE	3(S)	µg/L	1.0U	1.0U	1.0U	[20.9]	NA	1.0U
1,2-DICHLOROETHANE	0.6(S)	µg/L	1.0U	1.0U	1.0U	[0.98J]	1.0U	1.0U
1,2-DICHLOROETHENE (TOTAL)	5(S)	µg/L	NA	NA	NA	NA	NA	NA
1,2-DICHLOROPROPANE	1(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
1,3-DICHLOROBENZENE	3(S)	µg/L	NA	NA	NA	1.9	NA	NA
1,3-DICHLOROPROPANE	NC	µg/L	NA	NA	NA	5.0U	NA	NA
1,4-DICHLOROBENZENE	3(S)	µg/L	1.0U	1.0U	1.0U	[36.5]	NA	1.0U
1,4-DIOXANE	NC	µg/L	NA	NA	NA	NA	130U	NA
2,2-DICHLOROPROPANE	NC	µg/L	NA	NA	NA	5.0U	NA	NA
2-BUTANONE	50(G)	µg/L	10U	10U	10U	10U	10U	10U
2-HEXANONE	50(G)	µg/L	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
2-PROPENENITRILE, 2-METHYL-	NC	µg/L	NA	NA	NA	10U	10U	NA
4-METHYL-2-PENTANONE	NC	µg/L	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
ACETONE	50(S)	µg/L	10U	10U	10UJ	10U	10U	10U
ACETONITRILE	NC	µg/L	50U	50U	50U	100U	100U	NA
ACETOPHENONE	NC	µg/L	NA	NA	NA	NA	NA	NA
ACROLEIN	NC	µg/L	NA	NA	NA	50U	50U	NA
ACRYLONITRILE	NC	µg/L	NA	NA	NA	50U	50U	50U
ALLYL CHLORIDE	NC	µg/L	NA	NA	NA	5.0U	5.0U	NA
BENZENE	1(S)	µg/L	1.0U	1.0U	1.0U	0.66J	1.0U	1.0U
BROMOCHLOROMETHANE	NC	µg/L	5.0U	5.0U	5.0U	5.0U	NA	5.0U
BROMODICHLOROMETHANE	50(G)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
BROMOFORM	50(G)	µg/L	4.0U	4.0U	4.0U	4.0U	4.0U	4.0U
BROMOMETHANE	5(S)	µg/L	2.0UJ	2.0UJ	2.0U	2.0U	2.0U	2.0U
CARBON DISULFIDE	60(G)	µg/L	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U
CARBON TETRACHLORIDE	5(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
CHLOROBENZENE	5(S)	µg/L	1.0U	1.0U	1.0U	[38.7]	1.0U	1.0U
CHLORODIBROMOMETHANE	50(G)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U

Notes:

U - Non detect; J - estimated value; R - rejected value;

EMPC - estimated maximum possible concentration; K - congener estimated maximum possible concentration.

NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 25
Honeywell
SCA Hydrogeologic Investigation
Bedrock Monitoring Wells
Method 8260/8015 Volatile Organic Compound Data

Parameter Name	New York State Class GA Standards	Field Sample ID	SCA-0039-04	SCA-0046-04	SCA-0055-07	SCA-0004-06	SCA-0011-02	SCA-0020-03
		Location	SB915-MW-89BR	SB915-MW-89BR	SB915-MW-89BR	SB915-MW-90BR	SB915-MW-90BR	SB915-MW-90BR
		Sample Date	3/16/2012	5/9/2012	7/14/2012	3/15/2011	6/27/2011	9/23/2011
		Sample Depth	118-128 FT	118-128 FT	118-128 FT	119.5-129.5 FT	119.5-129.5 FT	119.5-129.5 FT
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
Units								
CHLOROETHANE	5(S)	µg/L	1.0U	1.0UJ	1.0U	1.0U	1.0U	1.0U
CHLOROFORM	7(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
CHLOROMETHANE	5(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
CHLOROPRENE	NC	µg/L	NA	NA	NA	5.0U	5.0U	NA
CIS-1,2-DICHLOROETHENE	5(G)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
CIS-1,3-DICHLOROPROPENE	0.4(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
CYCLOHEXANE	NC	µg/L	NA	NA	NA	NA	NA	NA
DIBROMOMETHANE	NC	µg/L	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
DICHLORODIFLUOROMETHANE	5(S)	µg/L	NA	NA	NA	5.0U	5.0U	NA
ETHANE, PENTACHLORO-	NC	µg/L	NA	NA	NA	NA	5.0U	NA
ETHYL CYANIDE	NC	µg/L	NA	NA	NA	NA	50U	NA
ETHYL METHACRYLATE	NC	µg/L	NA	NA	NA	10U	10U	NA
ETHYLBENZENE	5(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
IODOMETHANE	NC	µg/L	NA	NA	NA	25U	25U	NA
ISOBUTANOL	NC	µg/L	NA	NA	NA	100U	50U	NA
ISOPROPANOL	NC	µg/L	NA	NA	NA	NA	NA	NA
ISOPROPYLBENZENE	5(G)	µg/L	NA	NA	NA	NA	NA	NA
METHYL ACETATE	NC	µg/L	NA	NA	NA	NA	NA	NA
METHYL METHACRYLATE	NC	µg/L	NA	NA	NA	10U	10U	NA
METHYL TERT-BUTYL ETHER	10(G)	µg/L	NA	NA	NA	NA	NA	NA
METHYLCYCLOHEXANE	NC	µg/L	NA	NA	NA	NA	NA	NA
METHYLENE CHLORIDE	5(S)	µg/L	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U
O-XYLENE	5(S)	µg/L	NA	NA	NA	1.0U	NA	NA
STYRENE	5(S)	µg/L	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
TETRACHLOROETHENE	5(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
TOLUENE	5(S)	µg/L	1.0U	1.0U	1.0U	1.0U	0.50J	1.0U
TRANS-1,2-DICHLOROETHENE	5(G)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
TRANS-1,3-DICHLOROPROPENE	0.4(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
TRANS-1,4-DICHLORO-2-BUTENE	NC	µg/L	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
TRICHLOROETHENE	5(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
TRICHLOROFLUOROMETHANE	5(S)	µg/L	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
VINYL ACETATE	NC	µg/L	10U	10U	10U	10U	10U	10U
VINYL CHLORIDE	2(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
XYLENES, M & P	5(S)	µg/L	NA	NA	NA	1.0U	NA	NA
XYLENES, TOTAL	5(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U

Notes:

U - Non detect; J - estimated value; R - rejected value;

EMPC - estimated maximum possible concentration; K - congener estimated maximum possible concentration.

NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 25
Honeywell
SCA Hydrogeologic Investigation
Bedrock Monitoring Wells
Method 8260/8015 Volatile Organic Compound Data

Parameter Name	New York State Class GA Standards	Field Sample ID	SCA-0032-04	SCA-0040-04	SCA-0047-04	SCA-0056-04	SCA-0007-02	SCA-0012-05
		Location	SB915-MW-90BR	SB915-MW-90BR	SB915-MW-90BR	SB915-MW-90BR	SB915-MW-91BR	SB915-MW-91BR
		Sample Date	12/13/2011	3/19/2012	5/10/2012	7/17/2012	3/25/2011	6/28/2011
		Sample Depth	119.5-129.5 FT	119.5-129.5 FT	119.5-129.5 FT	119.5-129.5 FT	197-207 FT	197-207 FT
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Units						
1,1,1,2-TETRACHLOROETHANE	NC	µg/L	0.68U	5.0U	5.0U	5.0U	5.0U	5.0U
1,1,1-TRICHLOROETHANE	5(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
1,1,2,2-TETRACHLOROETHANE	5(S)	µg/L	0.93U	1.0U	1.0U	1.0U	1.0U	1.0U
1,1,2-TRICHLOROETHANE	1(S)	µg/L	1.2U	1.0U	1.0U	1.0U	1.0U	1.0U
1,1,2-TRICHLOROTRIFLUOROETHANE	NC	µg/L	0.33U	NA	NA	NA	NA	NA
1,1-DICHLOROETHANE	5(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
1,1-DICHLOROETHENE	5(S)	µg/L	1.1U	1.0U	1.0U	1.0U	1.0U	1.0U
1,1-DICHLOROPROPENE	NC	µg/L	NA	NA	NA	NA	5.0U	NA
1,2,3-TRICHLOROPROPANE	NC	µg/L	1.6UJ	5.0U	5.0U	5.0U	5.0U	5.0U
1,2,4-TRICHLOROENZENE	5(S)	µg/L	0.38UJ	NA	NA	NA	5.0U	NA
1,2-DIBROMO-3-CHLOROPROPANE	NC	µg/L	0.35UJ	10U	10U	10U	10U	10U
1,2-DIBROMOETHANE	5(S)	µg/L	0.61U	2.0U	2.0U	2.0U	2.0U	2.0U
1,2-DICHLOROBENZENE	3(S)	µg/L	0.68U	1.0U	1.0U	1.0U	1.0U	NA
1,2-DICHLOROETHANE	0.6(S)	µg/L	0.96U	1.0U	1.0U	1.0U	1.0U	1.0U
1,2-DICHLOROETHENE (TOTAL)	5(S)	µg/L	NA	NA	NA	NA	NA	NA
1,2-DICHLOROPROPANE	1(S)	µg/L	1.3U	1.0U	1.0U	1.0U	1.0U	1.0U
1,3-DICHLOROBENZENE	3(S)	µg/L	0.51U	NA	NA	NA	1.0U	NA
1,3-DICHLOROPROPANE	NC	µg/L	NA	NA	NA	NA	5.0U	NA
1,4-DICHLOROBENZENE	3(S)	µg/L	0.53U	1.0U	1.0U	1.0U	1.0U	NA
1,4-DIOXANE	NC	µg/L	NA	NA	NA	NA	NA	130U
2,2-DICHLOROPROPANE	NC	µg/L	NA	NA	NA	NA	5.0U	NA
2-BUTANONE	50(G)	µg/L	1.1UJ	10U	10UJ	10U	10U	10U
2-HEXANONE	50(G)	µg/L	0.57UJ	5.0U	5.0U	5.0U	5.0U	5.0U
2-PROPENENITRILE, 2-METHYL-	NC	µg/L	NA	NA	NA	NA	10U	10U
4-METHYL-2-PENTANONE	NC	µg/L	0.59U	5.0U	5.0U	5.0U	5.0U	5.0U
ACETONE	50(S)	µg/L	5.0UJ	10U	10U	10U	10U	8.3J
ACETONITRILE	NC	µg/L	NA	50U	50UJ	50U	100U	100UJ
ACETOPHENONE	NC	µg/L	NA	NA	NA	NA	NA	NA
ACROLEIN	NC	µg/L	NA	NA	NA	NA	50U	50U
ACRYLONITRILE	NC	µg/L	6.8U	NA	NA	NA	50U	50U
ALLYL CHLORIDE	NC	µg/L	NA	NA	NA	NA	5.0U	5.0U
BENZENE	1(S)	µg/L	0.99U	1.0U	1.0U	1.0U	1.0U	1.0U
BROMOCHLOROMETHANE	NC	µg/L	NA	5.0U	5.0U	5.0U	5.0U	NA
BROMODICHLOROMETHANE	50(G)	µg/L	0.93U	1.0U	1.0U	1.0U	1.0U	1.0U
BROMOFORM	50(G)	µg/L	1.1U	4.0U	4.0U	4.0U	4.0U	4.0U
BROMOMETHANE	5(S)	µg/L	1.6U	2.0U	2.0U	2.0U	2.0U	2.0U
CARBON DISULFIDE	60(G)	µg/L	1.1UJ	2.0U	2.0U	2.0U	2.0U	2.0U
CARBON TETRACHLORIDE	5(S)	µg/L	1.1U	1.0U	1.0U	1.0U	1.0U	1.0U
CHLOROBENZENE	5(S)	µg/L	0.53U	1.0U	1.0U	1.0U	1.0U	1.0U
CHLORODIBROMOMETHANE	50(G)	µg/L	0.65U	1.0U	1.0U	1.0U	1.0U	1.0U

Notes:

U - Non detect; J - estimated value; R - rejected value;

EMPC - estimated maximum possible concentration; K - congener estimated maximum possible concentration.

NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 25
Honeywell
SCA Hydrogeologic Investigation
Bedrock Monitoring Wells
Method 8260/8015 Volatile Organic Compound Data

Parameter Name	New York State Class GA Standards	Field Sample ID	SCA-0032-04	SCA-0040-04	SCA-0047-04	SCA-0056-04	SCA-0007-02	SCA-0012-05
		Location	SB915-MW-90BR	SB915-MW-90BR	SB915-MW-90BR	SB915-MW-90BR	SB915-MW-91BR	SB915-MW-91BR
		Sample Date	12/13/2011	3/19/2012	5/10/2012	7/17/2012	3/25/2011	6/28/2011
		Sample Depth	119.5-129.5 FT	119.5-129.5 FT	119.5-129.5 FT	119.5-129.5 FT	197-207 FT	197-207 FT
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
Units								
CHLOROETHANE	5(S)	µg/L	0.75UJ	1.0U	1.0UJ	1.0U	1.0U	1.0U
CHLOROFORM	7(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
CHLOROMETHANE	5(S)	µg/L	1.4U	1.0U	1.0U	1.0U	1.0U	0.45J
CHLOROPRENE	NC	µg/L	NA	NA	NA	NA	5.0U	5.0U
CIS-1,2-DICHLOROETHENE	5(G)	µg/L	0.67U	1.0U	1.0U	1.0U	1.0U	1.0U
CIS-1,3-DICHLOROPROPENE	0.4(S)	µg/L	0.73U	1.0U	1.0U	1.0U	1.0U	1.0U
CYCLOHEXANE	NC	µg/L	0.60U	NA	NA	NA	NA	NA
DIBROMOMETHANE	NC	µg/L	NA	5.0U	5.0U	5.0U	5.0U	5.0U
DICHLORODIFLUOROMETHANE	5(S)	µg/L	0.64U	NA	NA	NA	5.0U	5.0U
ETHANE, PENTACHLORO-	NC	µg/L	NA	NA	NA	NA	NA	5.0U
ETHYL CYANIDE	NC	µg/L	NA	NA	NA	NA	NA	50U
ETHYL METHACRYLATE	NC	µg/L	NA	NA	NA	NA	10U	10U
ETHYLBENZENE	5(S)	µg/L	0.62U	1.0U	1.0U	1.0U	1.0U	1.0U
IODOMETHANE	NC	µg/L	NA	NA	NA	NA	25U	25U
ISOBUTANOL	NC	µg/L	NA	NA	NA	NA	100U	50U
ISOPROPANOL	NC	µg/L	NA	NA	NA	NA	NA	NA
ISOPROPYLBENZENE	5(G)	µg/L	0.53U	NA	NA	NA	NA	NA
METHYL ACETATE	NC	µg/L	1.2UJ	NA	NA	NA	NA	NA
METHYL METHACRYLATE	NC	µg/L	NA	NA	NA	NA	10U	10U
METHYL TERT-BUTYL ETHER	10(G)	µg/L	1.0U	NA	NA	NA	NA	NA
METHYLCYCLOHEXANE	NC	µg/L	0.56U	NA	NA	NA	NA	NA
METHYLENE CHLORIDE	5(S)	µg/L	1.1U	2.0U	2.0U	2.0U	2.0U	2.0U
O-XYLENE	5(S)	µg/L	0.73U	NA	NA	NA	1.0U	NA
STYRENE	5(S)	µg/L	0.64U	5.0U	5.0U	5.0U	5.0U	5.0U
TETRACHLOROETHENE	5(S)	µg/L	0.82U	1.0U	1.0U	1.0U	1.0U	1.0U
TOLUENE	5(S)	µg/L	0.85U	1.0U	1.0U	1.0U	1.0U	0.28J
TRANS-1,2-DICHLOROETHENE	5(G)	µg/L	0.75U	1.0U	1.0U	1.0U	1.0U	1.0U
TRANS-1,3-DICHLOROPROPENE	0.4(S)	µg/L	0.58U	1.0U	1.0U	1.0U	1.0U	1.0U
TRANS-1,4-DICHLORO-2-BUTENE	NC	µg/L	0.81U	5.0U	5.0U	5.0U	5.0U	5.0U
TRICHLOROETHENE	5(S)	µg/L	0.80U	1.0U	1.0U	1.0U	1.0U	1.0U
TRICHLOROFLUOROMETHANE	5(S)	µg/L	1.1UJ	5.0U	5.0U	5.0U	5.0U	5.0U
VINYL ACETATE	NC	µg/L	0.86U	10U	10U	10U	10U	10U
VINYL CHLORIDE	2(S)	µg/L	1.3U	1.0U	1.0U	1.0U	1.0U	1.0U
XYLENES, M & P	5(S)	µg/L	1.3U	NA	NA	NA	1.0U	NA
XYLENES, TOTAL	5(S)	µg/L	2.0U	1.0U	1.0U	1.0U	1.0U	1.0U

Notes:

U - Non detect; J - estimated value; R - rejected value;

EMPC - estimated maximum possible concentration; K - congener estimated maximum possible concentration.

NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 25
Honeywell
SCA Hydrogeologic Investigation
Bedrock Monitoring Wells
Method 8260/8015 Volatile Organic Compound Data

Parameter Name	New York State Class GA Standards	Field Sample ID	SCA-0017-01	SCA-0028-05	SCA-0036-05	SCA-0045-05	SCA-0057-03	SCA-0007-01
		Location	SB915-MW-91BR	SB915-MW-91BR	SB915-MW-91BR	SB915-MW-91BR	SB915-MW-91BR	SB915-MW-92BR
		Sample Date	9/21/2011	12/7/2011	3/13/2012	5/8/2012	7/18/2012	3/25/2011
		Sample Depth	197-207 FT	197-207 FT	197-207 FT	197-207 FT	197-207 FT	184-194 FT
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
Units								
1,1,1,2-TETRACHLOROETHANE	NC	µg/L	5.0U	0.68U	5.0U	5.0U	5.0U	5.0U
1,1,1-TRICHLOROETHANE	5(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
1,1,2,2-TETRACHLOROETHANE	5(S)	µg/L	1.0U	0.93U	1.0U	1.0U	1.0U	1.0U
1,1,2-TRICHLOROETHANE	1(S)	µg/L	1.0U	1.2U	1.0U	1.0U	1.0U	1.0U
1,1,2-TRICHLOROTRIFLUOROETHANE	NC	µg/L	NA	0.33U	NA	NA	NA	NA
1,1-DICHLOROETHANE	5(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
1,1-DICHLOROETHENE	5(S)	µg/L	1.0U	1.1U	1.0U	1.0U	1.0U	1.0U
1,1-DICHLOROPROPENE	NC	µg/L	NA	NA	NA	NA	NA	5.0U
1,2,3-TRICHLOROPROPANE	NC	µg/L	5.0U	1.6U	5.0U	5.0U	5.0U	5.0U
1,2,4-TRICHLOROENZENE	5(S)	µg/L	NA	0.38U	NA	NA	NA	5.0U
1,2-DIBROMO-3-CHLOROPROPANE	NC	µg/L	10U	0.35U	10U	10U	10U	10U
1,2-DIBROMOETHANE	5(S)	µg/L	2.0U	0.61U	2.0U	2.0U	2.0U	2.0U
1,2-DICHLOROBENZENE	3(S)	µg/L	1.0U	0.68U	1.0U	1.0U	1.0U	1.0U
1,2-DICHLOROETHANE	0.6(S)	µg/L	1.0U	0.96U	1.0U	1.0U	1.0U	1.0U
1,2-DICHLOROETHENE (TOTAL)	5(S)	µg/L	NA	NA	NA	NA	NA	NA
1,2-DICHLOROPROPANE	1(S)	µg/L	1.0U	1.3U	1.0U	1.0U	1.0U	1.0U
1,3-DICHLOROBENZENE	3(S)	µg/L	NA	0.51U	NA	NA	NA	1.0U
1,3-DICHLOROPROPANE	NC	µg/L	NA	NA	NA	NA	NA	5.0U
1,4-DICHLOROBENZENE	3(S)	µg/L	1.0U	0.53U	1.0U	1.0U	1.0U	1.0U
1,4-DIOXANE	NC	µg/L	NA	NA	NA	NA	NA	NA
2,2-DICHLOROPROPANE	NC	µg/L	NA	NA	NA	NA	NA	5.0U
2-BUTANONE	50(G)	µg/L	10UJ	1.1UJ	10U	10U	10U	10U
2-HEXANONE	50(G)	µg/L	5.0U	0.57UJ	5.0UJ	5.0U	5.0U	5.0U
2-PROPENENITRILE, 2-METHYL-	NC	µg/L	NA	NA	NA	NA	NA	10U
4-METHYL-2-PENTANONE	NC	µg/L	5.0U	0.59UJ	5.0U	5.0U	5.0U	5.0U
ACETONE	50(S)	µg/L	10UJ	5.0UJ	10U	10U	5.7J	10U
ACETONITRILE	NC	µg/L	NA	NA	50U	50UJ	50U	100U
ACETOPHENONE	NC	µg/L	NA	NA	NA	NA	NA	NA
ACROLEIN	NC	µg/L	NA	NA	NA	NA	NA	50U
ACRYLONITRILE	NC	µg/L	50U	6.8UJ	NA	NA	NA	50U
ALLYL CHLORIDE	NC	µg/L	NA	NA	NA	NA	NA	5.0U
BENZENE	1(S)	µg/L	1.0U	0.99U	1.0U	[5.5]	[1.7]	1.0U
BROMOCHLOROMETHANE	NC	µg/L	5.0U	NA	5.0U	5.0U	5.0U	5.0U
BROMODICHLOROMETHANE	50(G)	µg/L	1.0U	0.93U	1.0U	1.0U	1.0U	1.0U
BROMOFORM	50(G)	µg/L	4.0U	1.1U	4.0U	4.0U	4.0U	4.0U
BROMOMETHANE	5(S)	µg/L	2.0U	1.6U	2.0U	2.0U	2.0U	2.0U
CARBON DISULFIDE	60(G)	µg/L	2.0U	1.1U	2.0U	0.27J	2.0U	2.0U
CARBON TETRACHLORIDE	5(S)	µg/L	1.0U	1.1U	1.0U	1.0U	1.0U	1.0U
CHLOROBENZENE	5(S)	µg/L	1.0U	0.53U	1.0U	1.0U	1.0U	1.0U
CHLORODIBROMOMETHANE	50(G)	µg/L	1.0U	0.65U	1.0U	1.0U	1.0U	1.0U

Notes:

U - Non detect; J - estimated value; R - rejected value;

EMPC - estimated maximum possible concentration; K - congener estimated maximum possible concentration.

NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 25
Honeywell
SCA Hydrogeologic Investigation
Bedrock Monitoring Wells
Method 8260/8015 Volatile Organic Compound Data

Parameter Name	New York State Class GA Standards	Field Sample ID	SCA-0017-01	SCA-0028-05	SCA-0036-05	SCA-0045-05	SCA-0057-03	SCA-0007-01
		Location	SB915-MW-91BR	SB915-MW-91BR	SB915-MW-91BR	SB915-MW-91BR	SB915-MW-91BR	SB915-MW-92BR
		Sample Date	9/21/2011	12/7/2011	3/13/2012	5/8/2012	7/18/2012	3/25/2011
		Sample Depth	197-207 FT	197-207 FT	197-207 FT	197-207 FT	197-207 FT	184-194 FT
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
Units								
CHLOROETHANE	5(S)	µg/L	1.0U	0.75U	1.0U	1.0U	1.0U	1.0U
CHLOROFORM	7(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	0.59J
CHLOROMETHANE	5(S)	µg/L	0.27J	1.4U	1.0U	0.76J	0.73J	1.0U
CHLOROPRENE	NC	µg/L	NA	NA	NA	NA	NA	5.0U
CIS-1,2-DICHLOROETHENE	5(G)	µg/L	1.0U	0.67U	1.0U	1.0U	1.0U	1.0U
CIS-1,3-DICHLOROPROPENE	0.4(S)	µg/L	1.0U	0.73U	1.0U	1.0U	1.0U	1.0U
CYCLOHEXANE	NC	µg/L	NA	0.60U	NA	NA	NA	NA
DIBROMOMETHANE	NC	µg/L	5.0U	NA	5.0U	5.0U	5.0U	5.0U
DICHLORODIFLUOROMETHANE	5(S)	µg/L	NA	0.64U	NA	NA	NA	5.0U
ETHANE, PENTACHLORO-	NC	µg/L	NA	NA	NA	NA	NA	NA
ETHYL CYANIDE	NC	µg/L	NA	NA	NA	NA	NA	NA
ETHYL METHACRYLATE	NC	µg/L	NA	NA	NA	NA	NA	10U
ETHYLBENZENE	5(S)	µg/L	1.0U	0.62U	1.0U	1.0U	1.0U	1.0U
IODOMETHANE	NC	µg/L	NA	NA	NA	NA	NA	25U
ISOBUTANOL	NC	µg/L	NA	NA	NA	NA	NA	100U
ISOPROPANOL	NC	µg/L	NA	NA	NA	NA	NA	NA
ISOPROPYLBENZENE	5(G)	µg/L	NA	0.53U	NA	NA	NA	NA
METHYL ACETATE	NC	µg/L	NA	1.2UJ	NA	NA	NA	NA
METHYL METHACRYLATE	NC	µg/L	NA	NA	NA	NA	NA	10U
METHYL TERT-BUTYL ETHER	10(G)	µg/L	NA	1.0U	NA	NA	NA	NA
METHYLCYCLOHEXANE	NC	µg/L	NA	0.56U	NA	NA	NA	NA
METHYLENE CHLORIDE	5(S)	µg/L	2.0U	1.1U	2.0U	2.0U	2.0U	2.0U
O-XYLENE	5(S)	µg/L	NA	0.73U	NA	NA	NA	1.0U
STYRENE	5(S)	µg/L	5.0U	0.64U	5.0U	5.0U	5.0U	5.0U
TETRACHLOROETHENE	5(S)	µg/L	1.0UJ	0.82U	1.0U	1.0U	1.0U	1.0U
TOLUENE	5(S)	µg/L	1.0U	0.85U	1.0U	0.40J	1.0U	1.0U
TRANS-1,2-DICHLOROETHENE	5(G)	µg/L	1.0U	0.75U	1.0U	1.0U	1.0U	1.0U
TRANS-1,3-DICHLOROPROPENE	0.4(S)	µg/L	1.0U	0.58U	1.0U	1.0U	1.0U	1.0U
TRANS-1,4-DICHLORO-2-BUTENE	NC	µg/L	5.0UJ	0.81U	5.0U	5.0U	5.0U	5.0U
TRICHLOROETHENE	5(S)	µg/L	1.0U	0.80U	1.0U	1.0U	1.0U	1.0U
TRICHLOROFLUOROMETHANE	5(S)	µg/L	5.0U	1.1U	5.0U	5.0U	5.0U	5.0U
VINYL ACETATE	NC	µg/L	10U	0.86U	10UJ	10U	10U	10U
VINYL CHLORIDE	2(S)	µg/L	1.0U	1.3U	1.0U	1.0U	1.0U	1.0U
XYLENES, M & P	5(S)	µg/L	NA	1.3U	NA	NA	NA	1.0U
XYLENES, TOTAL	5(S)	µg/L	1.0U	2.0U	1.0U	1.0U	1.0U	1.0U

Notes:

U - Non detect; J - estimated value; R - rejected value;

EMPC - estimated maximum possible concentration; K - congener estimated maximum possible concentration.

NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 25
Honeywell
SCA Hydrogeologic Investigation
Bedrock Monitoring Wells
Method 8260/8015 Volatile Organic Compound Data

Parameter Name	New York State Class GA Standards	Field Sample ID	SCA-0010-05	SCA-0017-02	SCA-0028-07	SCA-0037-05	SCA-0046-07	SCA-0057-04
		Location	SB915-MW-92BR	SB915-MW-92BR	SB915-MW-92BR	SB915-MW-92BR	SB915-MW-92BR	SB915-MW-92BR
		Sample Date	6/24/2011	9/21/2011	12/7/2011	3/14/2012	5/9/2012	7/18/2012
		Sample Depth	184-194 FT	184-194 FT	184-194 FT	184-194 FT	184-194 FT	184-194 FT
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
Units								
1,1,1,2-TETRACHLOROETHANE	NC	µg/L	5.0U	5.0U	0.68U	5.0U	5.0U	5.0U
1,1,1-TRICHLOROETHANE	5(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
1,1,2,2-TETRACHLOROETHANE	5(S)	µg/L	1.0U	1.0U	0.93U	1.0U	1.0U	1.0U
1,1,2-TRICHLOROETHANE	1(S)	µg/L	1.0U	1.0U	1.2U	1.0U	1.0U	1.0U
1,1,2-TRICHLOROTRIFLUOROETHANE	NC	µg/L	NA	NA	0.33U	NA	NA	NA
1,1-DICHLOROETHANE	5(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
1,1-DICHLOROETHENE	5(S)	µg/L	1.0U	1.0U	1.1U	1.0U	1.0U	1.0U
1,1-DICHLOROPROPENE	NC	µg/L	NA	NA	NA	NA	NA	NA
1,2,3-TRICHLOROPROPANE	NC	µg/L	5.0U	5.0U	1.6U	5.0U	5.0U	5.0U
1,2,4-TRICHLOROENZENE	5(S)	µg/L	NA	NA	0.38U	NA	NA	NA
1,2-DIBROMO-3-CHLOROPROPANE	NC	µg/L	10U	10U	0.35U	10U	10U	10U
1,2-DIBROMOETHANE	5(S)	µg/L	2.0U	2.0U	0.61U	2.0U	2.0U	2.0U
1,2-DICHLOROBENZENE	3(S)	µg/L	NA	1.0U	0.68U	1.0U	1.0U	1.0U
1,2-DICHLOROETHANE	0.6(S)	µg/L	1.0U	1.0U	0.96U	1.0U	1.0U	1.0U
1,2-DICHLOROETHENE (TOTAL)	5(S)	µg/L	NA	NA	NA	NA	NA	NA
1,2-DICHLOROPROPANE	1(S)	µg/L	1.0U	1.0U	1.3U	1.0U	1.0U	1.0U
1,3-DICHLOROBENZENE	3(S)	µg/L	NA	NA	0.51U	NA	NA	NA
1,3-DICHLOROPROPANE	NC	µg/L	NA	NA	NA	NA	NA	NA
1,4-DICHLOROBENZENE	3(S)	µg/L	NA	1.0U	0.57J	1.0U	1.0U	1.0U
1,4-DIOXANE	NC	µg/L	130U	NA	NA	NA	NA	NA
2,2-DICHLOROPROPANE	NC	µg/L	NA	NA	NA	NA	NA	NA
2-BUTANONE	50(G)	µg/L	10U	10UJ	1.1UJ	10U	10U	10U
2-HEXANONE	50(G)	µg/L	5.0U	5.0U	0.57UJ	5.0U	5.0U	5.0U
2-PROPENENITRILE, 2-METHYL-	NC	µg/L	10U	NA	NA	NA	NA	NA
4-METHYL-2-PENTANONE	NC	µg/L	5.0U	5.0U	0.59UJ	5.0U	5.0U	5.0U
ACETONE	50(S)	µg/L	10U	10UJ	5.0UJ	10U	10U	10U
ACETONITRILE	NC	µg/L	100U	NA	NA	50U	50U	50U
ACETOPHENONE	NC	µg/L	NA	NA	NA	NA	NA	NA
ACROLEIN	NC	µg/L	50U	NA	NA	NA	NA	NA
ACRYLONITRILE	NC	µg/L	50U	50U	6.8UJ	NA	NA	NA
ALLYL CHLORIDE	NC	µg/L	5.0U	NA	NA	NA	NA	NA
BENZENE	1(S)	µg/L	1.0U	1.0U	0.99U	1.0U	1.0U	1.0U
BROMOCHLOROMETHANE	NC	µg/L	NA	5.0U	NA	5.0U	5.0U	5.0U
BROMODICHLOROMETHANE	50(G)	µg/L	1.0U	1.0U	0.93U	1.0U	1.0U	1.0U
BROMOFORM	50(G)	µg/L	4.0U	4.0U	1.1U	4.0U	4.0U	4.0U
BROMOMETHANE	5(S)	µg/L	2.0U	2.0U	1.6U	2.0U	2.0UJ	2.0U
CARBON DISULFIDE	60(G)	µg/L	2.0U	0.36J	1.1U	0.60J	0.40J	2.0U
CARBON TETRACHLORIDE	5(S)	µg/L	1.0U	1.0U	1.1U	1.0U	1.0U	1.0U
CHLOROBENZENE	5(S)	µg/L	1.0U	1.0U	0.53U	1.0U	1.0U	1.0U
CHLORODIBROMOMETHANE	50(G)	µg/L	1.0U	1.0U	0.65U	1.0U	1.0U	1.0U

Notes:

U - Non detect; J - estimated value; R - rejected value;

EMPC - estimated maximum possible concentration; K - congener estimated maximum possible concentration.

NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 25
Honeywell
SCA Hydrogeologic Investigation
Bedrock Monitoring Wells
Method 8260/8015 Volatile Organic Compound Data

Parameter Name	New York State Class GA Standards	Field Sample ID	SCA-0010-05	SCA-0017-02	SCA-0028-07	SCA-0037-05	SCA-0046-07	SCA-0057-04
		Location	SB915-MW-92BR	SB915-MW-92BR	SB915-MW-92BR	SB915-MW-92BR	SB915-MW-92BR	SB915-MW-92BR
		Sample Date	6/24/2011	9/21/2011	12/7/2011	3/14/2012	5/9/2012	7/18/2012
		Sample Depth	184-194 FT	184-194 FT	184-194 FT	184-194 FT	184-194 FT	184-194 FT
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
Units								
CHLOROETHANE	5(S)	µg/L	1.0U	1.0U	0.75U	1.0U	1.0UJ	1.0U
CHLOROFORM	7(S)	µg/L	0.25J	1.0U	1.0U	1.0U	1.0U	1.0U
CHLOROMETHANE	5(S)	µg/L	1.0U	0.26J	1.4U	1.0U	1.0U	1.0U
CHLOROPRENE	NC	µg/L	5.0U	NA	NA	NA	NA	NA
CIS-1,2-DICHLOROETHENE	5(G)	µg/L	1.0U	1.0U	0.67U	1.0U	1.0U	1.0U
CIS-1,3-DICHLOROPROPENE	0.4(S)	µg/L	1.0U	1.0U	0.73U	1.0U	1.0U	1.0U
CYCLOHEXANE	NC	µg/L	NA	NA	0.60U	NA	NA	NA
DIBROMOMETHANE	NC	µg/L	5.0U	5.0U	NA	5.0U	5.0U	5.0U
DICHLORODIFLUOROMETHANE	5(S)	µg/L	5.0U	NA	0.64U	NA	NA	NA
ETHANE, PENTACHLORO-	NC	µg/L	5.0U	NA	NA	NA	NA	NA
ETHYL CYANIDE	NC	µg/L	50U	NA	NA	NA	NA	NA
ETHYL METHACRYLATE	NC	µg/L	10U	NA	NA	NA	NA	NA
ETHYLBENZENE	5(S)	µg/L	1.0U	1.0U	0.62U	1.0U	1.0U	1.0U
IODOMETHANE	NC	µg/L	25U	NA	NA	NA	NA	NA
ISOBUTANOL	NC	µg/L	50U	NA	NA	NA	NA	NA
ISOPROPANOL	NC	µg/L	NA	NA	NA	NA	NA	NA
ISOPROPYLBENZENE	5(G)	µg/L	NA	NA	0.53U	NA	NA	NA
METHYL ACETATE	NC	µg/L	NA	NA	1.2UJ	NA	NA	NA
METHYL METHACRYLATE	NC	µg/L	10U	NA	NA	NA	NA	NA
METHYL TERT-BUTYL ETHER	10(G)	µg/L	NA	NA	1.0U	NA	NA	NA
METHYLCYCLOHEXANE	NC	µg/L	NA	NA	0.56U	NA	NA	NA
METHYLENE CHLORIDE	5(S)	µg/L	2.0U	2.0U	1.1U	2.0U	2.0U	2.0U
O-XYLENE	5(S)	µg/L	NA	NA	0.73U	NA	NA	NA
STYRENE	5(S)	µg/L	5.0U	5.0U	0.64U	5.0U	5.0U	5.0U
TETRACHLOROETHENE	5(S)	µg/L	1.0U	1.0UJ	0.82U	1.0U	1.0U	1.0U
TOLUENE	5(S)	µg/L	1.0U	0.27J	0.85U	1.0U	1.0U	1.0U
TRANS-1,2-DICHLOROETHENE	5(G)	µg/L	1.0U	1.0U	0.75U	1.0U	1.0U	1.0U
TRANS-1,3-DICHLOROPROPENE	0.4(S)	µg/L	1.0U	1.0U	0.58U	1.0U	1.0U	1.0U
TRANS-1,4-DICHLORO-2-BUTENE	NC	µg/L	5.0U	5.0UJ	0.81U	5.0U	5.0U	5.0U
TRICHLOROETHENE	5(S)	µg/L	1.0U	1.0U	0.80U	1.0U	1.0U	1.0U
TRICHLOROFLUOROMETHANE	5(S)	µg/L	5.0U	5.0U	1.1U	5.0U	5.0U	5.0U
VINYL ACETATE	NC	µg/L	10U	10U	0.86U	10U	10U	10U
VINYL CHLORIDE	2(S)	µg/L	1.0U	1.0U	1.3U	1.0U	1.0U	1.0U
XYLENES, M & P	5(S)	µg/L	NA	NA	1.3U	NA	NA	NA
XYLENES, TOTAL	5(S)	µg/L	1.0U	1.0U	2.0U	1.0U	1.0U	1.0U

Notes:

U - Non detect; J - estimated value; R - rejected value;

EMPC - estimated maximum possible concentration; K - congener estimated maximum possible concentration.

NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 25
Honeywell
SCA Hydrogeologic Investigation
Bedrock Monitoring Wells
Method 8260/8015 Volatile Organic Compound Data

Parameter Name	New York State Class GA Standards	Field Sample ID	SCA-0014-03	SCA-0033-04	SCA-0041-06	SCA-0049-04	SCA-0054-05
		Location	SB915-MW-93BR	SB915-MW-93BR	SB915-MW-93BR	SB915-MW-93BR	SB915-MW-93BR
		Sample Date	9/19/2011	12/14/2011	3/20/2012	5/14/2012	7/13/2012
		Sample Depth	142-152 FT	142-152 FT	142-152 FT	142-152 FT	142-152 FT
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Units					
1,1,1,2-TETRACHLOROETHANE	NC	µg/L	5.0U	0.68U	5.0U	5.0U	5.0U
1,1,1-TRICHLOROETHANE	5(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U
1,1,2,2-TETRACHLOROETHANE	5(S)	µg/L	1.0U	0.93UJ	1.0U	1.0U	1.0U
1,1,2-TRICHLOROETHANE	1(S)	µg/L	1.0U	1.2UJ	1.0U	1.0U	1.0U
1,1,2-TRICHLOROTRIFLUOROETHANE	NC	µg/L	NA	0.33U	NA	NA	NA
1,1-DICHLOROETHANE	5(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U
1,1-DICHLOROETHENE	5(S)	µg/L	1.0U	1.1U	1.0U	1.0U	1.0U
1,1-DICHLOROPROPENE	NC	µg/L	5.0U	NA	NA	NA	NA
1,2,3-TRICHLOROPROPANE	NC	µg/L	5.0U	1.6UJ	5.0U	5.0U	5.0U
1,2,4-TRICHLOROENZENE	5(S)	µg/L	5.0U	0.38UJ	NA	NA	NA
1,2-DIBROMO-3-CHLOROPROPANE	NC	µg/L	10U	0.35UJ	10U	10U	10U
1,2-DIBROMOETHANE	5(S)	µg/L	2.0U	0.61U	2.0U	2.0U	2.0U
1,2-DICHLOROBENZENE	3(S)	µg/L	1.0U	0.68UJ	1.0U	1.0U	1.0U
1,2-DICHLOROETHANE	0.6(S)	µg/L	1.0U	0.96UJ	1.0U	1.0U	1.0U
1,2-DICHLOROETHENE (TOTAL)	5(S)	µg/L	NA	NA	NA	NA	NA
1,2-DICHLOROPROPANE	1(S)	µg/L	1.0U	1.3U	1.0U	1.0U	1.0U
1,3-DICHLOROBENZENE	3(S)	µg/L	1.0U	0.51UJ	NA	NA	NA
1,3-DICHLOROPROPANE	NC	µg/L	5.0U	NA	NA	NA	NA
1,4-DICHLOROBENZENE	3(S)	µg/L	1.0U	5U	1.0U	1.0U	1.0U
1,4-DIOXANE	NC	µg/L	NA	NA	NA	NA	NA
2,2-DICHLOROPROPANE	NC	µg/L	5.0U	NA	NA	NA	NA
2-BUTANONE	50(G)	µg/L	10U	1.1UJ	10U	10U	10U
2-HEXANONE	50(G)	µg/L	5.0U	0.57U	5.0U	5.0U	5.0U
2-PROPENENITRILE, 2-METHYL-	NC	µg/L	10U	NA	NA	NA	NA
4-METHYL-2-PENTANONE	NC	µg/L	5.0U	0.59U	5.0U	5.0U	5.0U
ACETONE	50(S)	µg/L	10UJ	5.0UJ	10U	10UJ	10UJ
ACETONITRILE	NC	µg/L	100U	NA	50U	50U	50U
ACETOPHENONE	NC	µg/L	NA	NA	NA	NA	NA
ACROLEIN	NC	µg/L	50U	NA	NA	NA	NA
ACRYLONITRILE	NC	µg/L	50U	6.8U	NA	NA	NA
ALLYL CHLORIDE	NC	µg/L	5.0U	NA	NA	NA	NA
BENZENE	1(S)	µg/L	1.0U	0.99U	1.0U	1.0U	1.0U
BROMOCHLOROMETHANE	NC	µg/L	5.0U	NA	5.0U	5.0U	5.0U
BROMODICHLOROMETHANE	50(G)	µg/L	1.0U	0.93U	1.0U	1.0U	1.0U
BROMOFORM	50(G)	µg/L	4.0U	1.1UJ	4.0U	4.0U	4.0U
BROMOMETHANE	5(S)	µg/L	2.0U	1.6U	2.0UJ	2.0U	2.0U
CARBON DISULFIDE	60(G)	µg/L	2.0U	1.1U	2.0U	2.0U	2.0U
CARBON TETRACHLORIDE	5(S)	µg/L	1.0U	1.1U	1.0U	1.0U	1.0U
CHLOROBENZENE	5(S)	µg/L	1.0U	0.53U	1.0U	1.0U	1.0U
CHLORODIBROMOMETHANE	50(G)	µg/L	1.0U	0.65UJ	1.0U	1.0U	1.0U

Notes:

U - Non detect; J - estimated value; R - rejected value;

EMPC - estimated maximum possible concentration; K - congener estimated maximum possible concentration.

NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 25
Honeywell
SCA Hydrogeologic Investigation
Bedrock Monitoring Wells
Method 8260/8015 Volatile Organic Compound Data

Parameter Name	New York State Class GA Standards	Field Sample ID	SCA-0014-03	SCA-0033-04	SCA-0041-06	SCA-0049-04	SCA-0054-05
		Location	SB915-MW-93BR	SB915-MW-93BR	SB915-MW-93BR	SB915-MW-93BR	SB915-MW-93BR
		Sample Date	9/19/2011	12/14/2011	3/20/2012	5/14/2012	7/13/2012
		Sample Depth	142-152 FT	142-152 FT	142-152 FT	142-152 FT	142-152 FT
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Units					
CHLOROETHANE	5(S)	µg/L	1.0U	0.75U	1.0UJ	1.0U	1.0U
CHLOROFORM	7(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U
CHLOROMETHANE	5(S)	µg/L	1.0U	1.4U	1.0U	1.0U	1.0U
CHLOROPRENE	NC	µg/L	5.0U	NA	NA	NA	NA
CIS-1,2-DICHLOROETHENE	5(G)	µg/L	1.0U	0.67U	1.0U	1.0U	1.0U
CIS-1,3-DICHLOROPROPENE	0.4(S)	µg/L	1.0U	0.73U	1.0U	1.0U	1.0U
CYCLOHEXANE	NC	µg/L	NA	0.60U	NA	NA	NA
DIBROMOMETHANE	NC	µg/L	5.0U	NA	5.0U	5.0U	5.0U
DICHLORODIFLUOROMETHANE	5(S)	µg/L	5.0U	0.64U	NA	NA	NA
ETHANE, PENTACHLORO-	NC	µg/L	NA	NA	NA	NA	NA
ETHYL CYANIDE	NC	µg/L	100U	NA	NA	NA	NA
ETHYL METHACRYLATE	NC	µg/L	10U	NA	NA	NA	NA
ETHYLBENZENE	5(S)	µg/L	1.0U	0.62U	1.0U	1.0U	1.0U
IODOMETHANE	NC	µg/L	25U	NA	NA	NA	NA
ISOBUTANOL	NC	µg/L	NA	NA	NA	NA	NA
ISOPROPANOL	NC	µg/L	100U	NA	NA	NA	NA
ISOPROPYLBENZENE	5(G)	µg/L	NA	0.53U	NA	NA	NA
METHYL ACETATE	NC	µg/L	NA	1.2UJ	NA	NA	NA
METHYL METHACRYLATE	NC	µg/L	10U	NA	NA	NA	NA
METHYL TERT-BUTYL ETHER	10(G)	µg/L	NA	1.0U	NA	NA	NA
METHYLCYCLOHEXANE	NC	µg/L	NA	0.56U	NA	NA	NA
METHYLENE CHLORIDE	5(S)	µg/L	2.0U	1.1U	2.0U	2.0U	2.0U
O-XYLENE	5(S)	µg/L	1.0U	0.73U	NA	NA	NA
STYRENE	5(S)	µg/L	5.0U	0.64U	5.0U	5.0U	5.0U
TETRACHLOROETHENE	5(S)	µg/L	1.0U	0.82U	1.0U	1.0U	1.0U
TOLUENE	5(S)	µg/L	0.16J	0.85U	1.0U	1.0U	1.0U
TRANS-1,2-DICHLOROETHENE	5(G)	µg/L	1.0U	0.75U	1.0U	1.0U	1.0U
TRANS-1,3-DICHLOROPROPENE	0.4(S)	µg/L	1.0U	0.58U	1.0U	1.0U	1.0U
TRANS-1,4-DICHLORO-2-BUTENE	NC	µg/L	5.0UJ	0.81UJ	5.0U	5.0U	5.0U
TRICHLOROETHENE	5(S)	µg/L	1.0U	0.80U	1.0U	1.0U	1.0U
TRICHLOROFLUOROMETHANE	5(S)	µg/L	5.0U	1.1UJ	5.0U	5.0U	5.0U
VINYL ACETATE	NC	µg/L	10U	0.86U	10U	10U	10U
VINYL CHLORIDE	2(S)	µg/L	1.0U	1.3U	1.0U	1.0U	1.0U
XYLENES, M & P	5(S)	µg/L	1.0U	1.3U	NA	NA	NA
XYLENES, TOTAL	5(S)	µg/L	1.0U	2.0U	1.0U	1.0U	1.0U

Notes:

U - Non detect; J - estimated value; R - rejected value;

EMPC - estimated maximum possible concentration; K - congener estimated maximum possible concentration.

NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 26
Honeywell
SCA Hydrogeologic Investigation
Bedrock Monitoring Wells
Method 8270 Semivolatile Organic Compound Data

Parameter Name	New York State Class GA Standards	Field Sample ID	SCA-0001-04	SCA-0002-04	SCA-0003-04	SCA-0004-06	SCA-0007-02	SCA-0007-01
		Location	SB915-MW-87BR	SB915-MW-88BR	SB915-MW-89BR	SB915-MW-90BR	SB915-MW-91BR	SB915-MW-92BR
		Sample Date	3/10/2011	3/11/2011	3/14/2011	3/15/2011	3/25/2011	3/25/2011
		Sample Depth	119-129 FT	100-110 FT	118-128 FT	119.5-129.5 FT	197-207 FT	184-194 FT
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Units						
[1,1-BIPHENYL]-4,4-DIAMINE, 3,3-DIMETHYL-	NC	µg/L	5.0UJ	5.0UJ	5.0UJ	5.0UJ	5.0UJ	5.0UJ
1,2,4,5-TETRACHLOROBENZENE	NC	µg/L	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U
1,2,4-TRICHLOROBENZENE	5(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
1,2-DICHLOROBENZENE	3(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
1,3,5-TRINITROBENZENE	NC	µg/L	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
1,3-DICHLOROBENZENE	3(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
1,3-DINITROBENZENE	NC	µg/L	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
1,4-DICHLOROBENZENE	3(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
1,4-NAPHTHOQUINONE	NC	µg/L	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
2,2'-OXYBIS(1-CHLOROPROPANE)	NC	µg/L	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U
2,3,4,6-TETRACHLOROPHENOL	NC	µg/L	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
2,4,5-TRICHLOROPHENOL	1(S)	µg/L	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
2,4,6-TRICHLOROPHENOL	1(S)	µg/L	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
2,4-DICHLOROPHENOL	1(S)	µg/L	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
2,4-DIMETHYLPHENOL	50(G)	µg/L	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
2,4-DINITROPHENOL	10(G)	µg/L	20U	20U	20U	20U	20U	20U
2,4-DINITROTOLUENE	5(S)	µg/L	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U
2,6-DICHLOROPHENOL	NC	µg/L	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
2,6-DINITROTOLUENE	5(S)	µg/L	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U
2-ACETYLAMINOFUORENE (TIC)	NC	µg/L	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
2-CHLORONAPHTHALENE	10(G)	µg/L	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U
2-CHLOROPHENOL	1(S)	µg/L	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
2-METHYLNAPHTHALENE	NC	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
2-METHYLPHENOL	1(S)	µg/L	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U
2-NAPHTHYLAMINE	NC	µg/L	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
2-NITROANILINE	5(S)	µg/L	5.0U	5.0U	5.0UJ	5.0U	5.0UJ	5.0UJ
2-NITROPHENOL	1(S)	µg/L	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
3&4-METHYLPHENOL	NC	µg/L	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U
3,3'-DICHLOROBENZIDINE	NC	µg/L	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
3-METHYLCHOLANTHRENE	NC	µg/L	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
3-NITROANILINE	5(S)	µg/L	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
4,6-DINITRO-2-METHYLPHENOL	1(S)	µg/L	20U	20U	20U	20U	20U	20U
4-AMINOBIIPHENYL	NC	µg/L	5.0UJ	5.0UJ	5.0UJ	5.0UJ	5.0UJ	5.0UJ
4-BROMOPHENYL PHENYL ETHER	5(S)	µg/L	2.0U	2.0U	2.0U	2.0U	2.0UJ	2.0UJ
4-CHLORO-3-METHYLPHENOL	1(S)	µg/L	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
4-CHLOROANILINE	5(S)	µg/L	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
4-CHLOROPHENYL PHENYL ETHER	5(S)	µg/L	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U
4-NITROANILINE	5(S)	µg/L	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
4-NITROPHENOL	1(S)	µg/L	10UJ	10UJ	10U	10UJ	10U	10U
5-NITRO-O-TOLUIDINE	NC	µg/L	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U

Notes:

U - Non detect; J - estimated value; R - rejected value;

EMPC - estimated maximum possible concentration; K - congener estimated maximum possible concentration

NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 26
Honeywell
SCA Hydrogeologic Investigation
Bedrock Monitoring Wells
Method 8270 Semivolatile Organic Compound Data

Parameter Name	New York State Class GA Standards	Field Sample ID	SCA-0001-04	SCA-0002-04	SCA-0003-04	SCA-0004-06	SCA-0007-02	SCA-0007-01
		Location	SB915-MW-87BR	SB915-MW-88BR	SB915-MW-89BR	SB915-MW-90BR	SB915-MW-91BR	SB915-MW-92BR
		Sample Date	3/10/2011	3/11/2011	3/14/2011	3/15/2011	3/25/2011	3/25/2011
		Sample Depth	119-129 FT	100-110 FT	118-128 FT	119.5-129.5 FT	197-207 FT	184-194 FT
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
Units								
7,12-DIMETHYLBENZ(A)ANTHRACENE	NC	µg/L	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
ACENAPHTHENE	20(G)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
ACENAPHTHYLENE	NC	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
ACETOPHENONE	NC	µg/L	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U
ALPHA-NAPHTHYLAMINE	NC	µg/L	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
ANTHRACENE	50(G)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
BENZENAMINE, N,N-DIMETHYL-4-(PEHNYLAZO)-	NC	µg/L	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
BENZENEACETIC ACID, 4-CHLORO-ALPHA-(4-CHLOROPHENYL)-	NC	µg/L	5.0UJ	5.0UJ	5.0UJ	5.0UJ	5.0UJ	5.0U
BENZO(A)ANTHRACENE	0.002(G)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
BENZO(A)PYRENE	NC	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
BENZO(B)FLUORANTHENE	0.002(G)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
BENZO(G,H,I)PERYLENE	NC	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
BENZO(K)FLUORANTHENE	0.002(G)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
BENZYL ALCOHOL	NC	µg/L	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U
BIS(2-CHLOROETHOXY)METHANE	5(S)	µg/L	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U
BIS(2-CHLOROETHYL)ETHER	1(S)	µg/L	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U
BIS(2-ETHYLHEXYL)PHTHALATE	5(S)	µg/L	2.0U	2	3.3	2.0U	2.0U	1.1J
BUTYLBENZYL PHTHALATE	50(G)	µg/L	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U
CARBAMOTHIOIC ACID, BIS(1-METHYLETHYL)-S-(2,3-DICHLORO	NC	µg/L	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
CHRYSENE	0.002(G)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
DI-N-BUTYL PHTHALATE	50(S)	µg/L	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U
DI-N-OCTYL PHTHALATE	50(G)	µg/L	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U
DIBENZO(A,H)ANTHRACENE	NC	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
DIBENZOFURAN	NC	µg/L	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
DIETHYL PHTHALATE	50(G)	µg/L	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U
DIMETHYL PHTHALATE	50(G)	µg/L	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U
FLUORANTHENE	50(G)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
FLUORENE	50(G)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
HEXACHLOROBENZENE	0.04(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
HEXACHLOROBUTADIENE	0.5(S)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
HEXACHLOROCYCLOPENTADIENE	5(S)	µg/L	20U	20U	20U	20U	20U	20U
HEXACHLOROETHANE	5(S)	µg/L	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U
HEXACHLOROPROPENE	NC	µg/L	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
INDENO(1,2,3-CD)PYRENE	0.002(G)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
ISODRIN	NC	µg/L	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
ISOPHORONE	50(G)	µg/L	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U
ISOSAFROLE	NC	µg/L	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
KEPONE	NC	µg/L	30UJ	30UJ	30UJ	30UJ	30UJ	30UJ
METHANESULFONIC ACID, ETHYL ESTER	NC	µg/L	5.0U	5.0U	5.0UJ	5.0U	5.0U	5.0U
METHAPYRILENE	NC	µg/L	5.0UJ	5.0UJ	5.0UJ	5.0UJ	5.0UJ	5.0UJ

Notes:

U - Non detect; J - estimated value; R - rejected value;

EMPC - estimated maximum possible concentration; K - congener estimated maximum possible concentration

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Honeywell
SCA Hydrogeologic Investigation
Bedrock Monitoring Wells
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Parameter Name	New York State Class GA Standards	Field Sample ID	SCA-0001-04	SCA-0002-04	SCA-0003-04	SCA-0004-06	SCA-0007-02	SCA-0007-01
		Location	SB915-MW-87BR	SB915-MW-88BR	SB915-MW-89BR	SB915-MW-90BR	SB915-MW-91BR	SB915-MW-92BR
		Sample Date	3/10/2011	3/11/2011	3/14/2011	3/15/2011	3/25/2011	3/25/2011
		Sample Depth	119-129 FT	100-110 FT	118-128 FT	119.5-129.5 FT	197-207 FT	184-194 FT
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
Units								
METHYL METHANESULFONATE	NC	µg/L	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
N-NITroso-DI-N-PROPYLAMINE	NC	µg/L	2.0UJ	2.0UJ	2.0UJ	2.0UJ	2.0UJ	2.0UJ
N-NITROSODI-N-BUTYLAMINE	NC	µg/L	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
N-NITROSODIETHYLAMINE	NC	µg/L	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
N-NITROSODIMETHYLAMINE	NC	µg/L	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U
N-NITROSODIPHENYLAMINE	50(G)	µg/L	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
N-NITROSOMETHYLETHYLAMINE	NC	µg/L	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
N-NITROSOPIPERIDINE	NC	µg/L	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
N-NITROSOPYRROLIDINE	NC	µg/L	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
N-PHENYLANILINE	NC	µg/L	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
NAPHTHALENE	10(G)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
NITROBENZENE	0.4(S)	µg/L	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U
O,O,O-TRIETHYL PHOSPHOROTHIOATE	NC	µg/L	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
O,O-DIETHYL-O-(2-PYRAZINY)PHOSPHOROTHIOATE	NC	µg/L	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
O-TOLUIDINE	NC	µg/L	5.0UJ	5.0UJ	5.0UJ	5.0UJ	5.0UJ	5.0UJ
P-PHENYLENEDIAMINE	NC	µg/L	5.0UJ	5.0UJ	5.0UJ	5.0UJ	5.0UJ	5.0UJ
PENTACHLOROBENZENE	NC	µg/L	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
PENTACHLORONITROBENZENE	NC	µg/L	5.0UJ	5.0UJ	5.0UJ	5.0UJ	5.0UJ	5.0UJ
PENTACHLOROPHENOL	1(S)	µg/L	10U	10U	10U	10U	10U	10U
PHENACETIN	NC	µg/L	5.0UJ	5.0UJ	5.0UJ	5.0UJ	5.0UJ	5.0UJ
PHENANTHRENE	50(G)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
PHENOL	1(S)	µg/L	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U
PRONAMIDE	NC	µg/L	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
PYRENE	50(G)	µg/L	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
SAFROLE	NC	µg/L	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U

Notes:

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Table 26
Honeywell
SCA Hydrogeologic Investigation
Bedrock Monitoring Wells
Method 8270 Semivolatile Organic Compound Data

Parameter Name	New York State	Field Sample ID	SCA-0014-03
	Class GA	Location	SB915-MW-93BR
		Sample Date	9/19/2011
		Sample Depth	142-152 FT
		Sample Purpose	Regular sample
	Standards	Units	
[1,1-BIPHENYL]-4,4-DIAMINE, 3,3-DIMETHYL-	NC	µg/L	5.0R
1,2,4,5-TETRACHLOROBENZENE	NC	µg/L	2.0U
1,2,4-TRICHLOROBENZENE	5(S)	µg/L	1.0U
1,2-DICHLOROBENZENE	3(S)	µg/L	1.0U
1,3,5-TRINITROBENZENE	NC	µg/L	5.0U
1,3-DICHLOROBENZENE	3(S)	µg/L	1.0U
1,3-DINITROBENZENE	NC	µg/L	5.0UJ
1,4-DICHLOROBENZENE	3(S)	µg/L	1.0U
1,4-NAPHTHOQUINONE	NC	µg/L	5.0U
2,2'-OXYBIS(1-CHLOROPROPANE)	NC	µg/L	2.0U
2,3,4,6-TETRACHLOROPHENOL	NC	µg/L	5.0U
2,4,5-TRICHLOROPHENOL	1(S)	µg/L	5.0U
2,4,6-TRICHLOROPHENOL	1(S)	µg/L	5.0U
2,4-DICHLOROPHENOL	1(S)	µg/L	5.0U
2,4-DIMETHYLPHENOL	50(G)	µg/L	5.0U
2,4-DINITROPHENOL	10(G)	µg/L	20U
2,4-DINITROTOLUENE	5(S)	µg/L	2.0U
2,6-DICHLOROPHENOL	NC	µg/L	5.0U
2,6-DINITROTOLUENE	5(S)	µg/L	2.0U
2-ACETYLAMINOFUORENE (TIC)	NC	µg/L	5.0UJ
2-CHLORONAPHTHALENE	10(G)	µg/L	2.0U
2-CHLOROPHENOL	1(S)	µg/L	5.0U
2-METHYLNAPHTHALENE	NC	µg/L	1.0U
2-METHYLPHENOL	1(S)	µg/L	2.0U
2-NAPHTHYLAMINE	NC	µg/L	5.0UJ
2-NITROANILINE	5(S)	µg/L	5.0UJ
2-NITROPHENOL	1(S)	µg/L	5.0U
3&4-METHYLPHENOL	NC	µg/L	2.0U
3,3'-DICHLOROBENZIDINE	NC	µg/L	5.0U
3-METHYLCHOLANTHRENE	NC	µg/L	5.0R
3-NITROANILINE	5(S)	µg/L	5.0U
4,6-DINITRO-2-METHYLPHENOL	1(S)	µg/L	20U
4-AMINOBIIPHENYL	NC	µg/L	5.0U
4-BROMOPHENYL PHENYL ETHER	5(S)	µg/L	2.0U
4-CHLORO-3-METHYLPHENOL	1(S)	µg/L	5.0UJ
4-CHLOROANILINE	5(S)	µg/L	5.0U
4-CHLOROPHENYL PHENYL ETHER	5(S)	µg/L	2.0U
4-NITROANILINE	5(S)	µg/L	5.0U
4-NITROPHENOL	1(S)	µg/L	10U
5-NITRO-O-TOLUIDINE	NC	µg/L	5.0U

Notes:

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Standards	Units	Sample Date	9/19/2011
		Sample Depth	142-152 FT
		Sample Purpose	Regular sample
7,12-DIMETHYLBENZ(A)ANTHRACENE	NC	µg/L	5.0UJ
ACENAPHTHENE	20(G)	µg/L	1.0U
ACENAPHTHYLENE	NC	µg/L	1.0U
ACETOPHENONE	NC	µg/L	
ALPHA-NAPHTHYLAMINE	NC	µg/L	5.0UJ
ANTHRACENE	50(G)	µg/L	1.0U
BENZENAMINE, N,N-DIMETHYL-4-(PEHNYLAZO)-	NC	µg/L	5.0U
BENZENEACETIC ACID, 4-CHLORO-ALPHA-(4-CHLOROPHENYL)-	NC	µg/L	5.0U
BENZO(A)ANTHRACENE	0.002(G)	µg/L	1.0U
BENZO(A)PYRENE	NC	µg/L	1.0U
BENZO(B)FLUORANTHENE	0.002(G)	µg/L	1.0U
BENZO(G,H,I)PERYLENE	NC	µg/L	1.0U
BENZO(K)FLUORANTHENE	0.002(G)	µg/L	1.0U
BENZYL ALCOHOL	NC	µg/L	2.0U
BIS(2-CHLOROETHOXY)METHANE	5(S)	µg/L	2.0U
BIS(2-CHLOROETHYL)ETHER	1(S)	µg/L	2.0U
BIS(2-ETHYLHEXYL)PHTHALATE	5(S)	µg/L	2.0U
BUTYLBENZYL PHTHALATE	50(G)	µg/L	2.0UJ
CARBAMOTHOIC ACID, BIS(1-METHYLETHYL)-S-(2,3-DICHLORO	NC	µg/L	5.0U
CHRYSENE	0.002(G)	µg/L	1.0U
DI-N-BUTYL PHTHALATE	50(S)	µg/L	2.0U
DI-N-OCTYL PHTHALATE	50(G)	µg/L	2.0U
DIBENZO(A,H)ANTHRACENE	NC	µg/L	1.0U
DIBENZOFURAN	NC	µg/L	5.0U
DIETHYL PHTHALATE	50(G)	µg/L	2.0U
DIMETHYL PHTHALATE	50(G)	µg/L	2.0U
FLUORANTHENE	50(G)	µg/L	1.0U
FLUORENE	50(G)	µg/L	1.0U
HEXACHLOROBENZENE	0.04(S)	µg/L	1.0U
HEXACHLOROBUTADIENE	0.5(S)	µg/L	1.0UJ
HEXACHLOROCYCLOPENTADIENE	5(S)	µg/L	20UJ
HEXACHLOROETHANE	5(S)	µg/L	2.0U
HEXACHLOROPROPENE	NC	µg/L	5.0U
INDENO(1,2,3-CD)PYRENE	0.002(G)	µg/L	1.0U
ISODRIN	NC	µg/L	5.0U
ISOPHORONE	50(G)	µg/L	2.0U
ISOSAFROLE	NC	µg/L	5.0U
KEPONE	NC	µg/L	30UJ
METHANESULFONIC ACID, ETHYL ESTER	NC	µg/L	5.0U
METHAPYRILENE	NC	µg/L	5.0UJ

Notes:

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		Sample Date	9/19/2011
		Sample Depth	142-152 FT
		Sample Purpose	Regular sample
	Standards	Units	
METHYL METHANESULFONATE	NC	µg/L	5.0UJ
N-NITROSO-DI-N-PROPYLAMINE	NC	µg/L	2.0U
N-NITROSODI-N-BUTYLAMINE	NC	µg/L	5.0UJ
N-NITROSODIETHYLAMINE	NC	µg/L	5.0U
N-NITROSODIMETHYLAMINE	NC	µg/L	2.0U
N-NITROSODIPHENYLAMINE	50(G)	µg/L	5.0U
N-NITROSOMETHYLETHYLAMINE	NC	µg/L	5.0UJ
N-NITROSOPIPERIDINE	NC	µg/L	5.0UJ
N-NITROSOPYRROLIDINE	NC	µg/L	5.0UJ
N-PHENYLANILINE	NC	µg/L	5.0U
NAPHTHALENE	10(G)	µg/L	1.0U
NITROBENZENE	0.4(S)	µg/L	2.0UJ
O,O,O-TRIETHYL PHOSPHOROTHIOATE	NC	µg/L	5.0U
O,O-DIETHYL-O-(2-PYRAZINY)PHOSPHOROTHIOATE	NC	µg/L	5.0U
O-TOLUIDINE	NC	µg/L	5.0U
P-PHENYLENEDIAMINE	NC	µg/L	5.0R
PENTACHLOROBENZENE	NC	µg/L	5.0U
PENTACHLORONITROBENZENE	NC	µg/L	5.0UJ
PENTACHLOROPHENOL	1(S)	µg/L	10U
PHENACETIN	NC	µg/L	5.0U
PHENANTHRENE	50(G)	µg/L	1.0U
PHENOL	1(S)	µg/L	2.0U
PRONAMIDE	NC	µg/L	5.0U
PYRENE	50(G)	µg/L	1.0U
SAFROLE	NC	µg/L	5.0U

Notes:

U - Non detect; J - estimated value; R - rejected value;

EMPC - estimated maximum possible concentration; K - congener estimated maximum possible concentration

NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [J] - Exceeds standard or guidance value.

Table 27
Honeywell
SCA Hydrogeologic Investigation
Bedrock Monitoring Wells
Method 8081/8141/8151 Pesticide and Herbicide Data

Parameter Name	New York State Class GA Standards	Field Sample ID	SCA-0001-04	SCA-0002-04	SCA-0003-04	SCA-0004-06	SCA-0007-02	SCA-0007-01
		Location	SB915-MW-87BR	SB915-MW-88BR	SB915-MW-89BR	SB915-MW-90BR	SB915-MW-91BR	SB915-MW-92BR
		Sample Date	3/10/2011	3/11/2011	3/14/2011	3/15/2011	3/25/2011	3/25/2011
		Sample Depth	119-129 FT	100-110 FT	118-128 FT	119.5-129.5 FT	197-207 FT	184-194 FT
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
	Units							
4,4'-DDD	0.3(S)	µg/L	0.020U	0.020U	0.020U	0.020U	0.020U	0.020U
4,4'-DDE	0.2(S)	µg/L	0.020U	0.020U	0.020U	0.020U	0.020U	0.020U
4,4'-DDT	0.2(S)	µg/L	0.020U	0.020U	0.020U	0.020U	0.020U	0.020U
ALDRIN	NC	µg/L	0.020U	0.020U	0.020U	0.020U	0.020U	0.020U
ALPHA-BHC	0.01(S)	µg/L	0.020U	0.020U	0.020U	0.020U	0.020U	0.020U
ALPHA-CHLORDANE	NC	µg/L	0.020U	0.020U	0.020U	0.020U	0.020U	0.020U
BETA-BHC	0.04(S)	µg/L	0.020U	0.020U	0.020U	0.020U	0.020U	0.020U
BETA-CHLORDANE	NC	µg/L	0.020U	0.020U	0.020U	0.020U	0.020U	0.020U
CONSTITUENTS OF CHLORDANE (ALPHA, BETA, AND GAMMA)	NC	µg/L	0.50U	0.50U	0.50U	0.50U	0.50U	0.50U
DELTA-BHC	0.04(S)	µg/L	0.020U	0.020U	0.020U	0.020U	0.020U	0.020U
DIELDRIN	0.004(S)	µg/L	0.020U	0.020U	0.020U	0.020U	0.020U	0.020U
ENDOSULFAN I	NC	µg/L	0.020U	0.020U	0.020U	0.020U	0.020U	0.020U
ENDOSULFAN II	NC	µg/L	0.020U	0.020U	0.020U	0.020U	0.020U	0.020U
ENDOSULFAN SULFATE	NC	µg/L	0.020U	0.020U	0.020U	0.020U	0.020U	0.020U
ENDRIN	NC	µg/L	0.020U	0.020U	0.020U	0.020U	0.020U	0.020U
ENDRIN ALDEHYDE	0.5(S)	µg/L	0.020U	0.020U	0.020U	0.020U	0.020U	0.020U
ENDRIN KETONE	NC	µg/L	0.020U	0.020U	0.020U	0.020U	0.020U	0.020U
GAMMA-BHC (LINDANE)	NC	µg/L	0.020U	0.020U	0.020U	0.020U	0.020U	0.020U
HEPTACHLOR	0.04(S)	µg/L	0.020U	0.020U	0.020U	0.020U	0.020U	0.020U
HEPTACHLOR EPOXIDE	0.03(S)	µg/L	0.020U	0.020U	0.020U	0.020U	0.020U	0.020U
METHOXYCHLOR	35(S)	µg/L	0.020U	0.020U	0.020U	0.020U	0.020U	0.020U
TOXAPHENE	0.09(S)	µg/L	0.25U	0.25U	0.25U	0.25U	0.25U	0.25U
DISULFOTON	NC	µg/L	2.0UJ	2.0U	2.0U	2.0U	2.0U	2.0U
ETHYL PARATHION	NC	µg/L	2.0UJ	2.0U	2.0U	2.0U	2.0U	2.0U
FAMPHUR	NC	µg/L	2.0UJ	2.0U	2.0U	2.0U	2.0UJ	2.0UJ
METHYL PARATHION	NC	µg/L	2.0UJ	2.0U	2.0U	2.0U	2.0UJ	2.0UJ
PHORATE	NC	µg/L	2.0UJ	2.0U	2.0U	2.0U	2.0U	2.0U
PHOSPHORODITHIOIC ACID, O,O-DIMETHYL S-[2-(METHYLAMINO)-	NC	µg/L	2.0UJ	2.0U	2.0U	2.0U	2.0UJ	2.0UJ
2,4,5-T	NC	µg/L	0.10U	0.10U	0.10U	0.10U	0.10U	0.10U
2,4,5-TP (SILVEX)	NC	µg/L	0.10U	0.10U	0.10U	0.10U	0.10U	0.10U
2,4-D	NC	µg/L	0.50U	0.50U	0.50U	0.52U	0.50U	0.50U
DINOSEB	NC	µg/L	0.50U	0.50U	0.50U	0.52U	0.50U	0.50U

Notes:

U - Non detect; J - estimated value; R - rejected value;

EMPC - estimated maximum possible concentration; K - congener estimated maximum possible concentration

NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 27
Honeywell
SCA Hydrogeologic Investigation
Bedrock Monitoring Wells
Method 8081/8141/8151 Pesticide and Herbicide Data

Parameter Name	New York State Class GA Standards	Field Sample ID Location Sample Date Sample Depth Sample Purpose Units	SCA-0014-03 SB915-MW-93BR 9/19/2011 142-152 FT Regular sample
4,4'-DDD	0.3(S)	µg/L	0.010U
4,4'-DDE	0.2(S)	µg/L	0.010U
4,4'-DDT	0.2(S)	µg/L	0.010U
ALDRIN	NC	µg/L	0.010U
ALPHA-BHC	0.01(S)	µg/L	0.010U
ALPHA-CHLORDANE	NC	µg/L	0.010U
BETA-BHC	0.04(S)	µg/L	0.010U
BETA-CHLORDANE	NC	µg/L	0.010U
CONSTITUENTS OF CHLORDANE (ALPHA, BETA, AND GAMMA)	NC	µg/L	0.50U
DELTA-BHC	0.04(S)	µg/L	0.010U
DIELDRIN	0.004(S)	µg/L	0.010U
ENDOSULFAN I	NC	µg/L	0.010U
ENDOSULFAN II	NC	µg/L	0.010U
ENDOSULFAN SULFATE	NC	µg/L	0.010U
ENDRIN	NC	µg/L	0.010U
ENDRIN ALDEHYDE	0.5(S)	µg/L	0.010U
ENDRIN KETONE	NC	µg/L	0.010U
GAMMA-BHC (LINDANE)	NC	µg/L	0.010U
HEPTACHLOR	0.04(S)	µg/L	0.010U
HEPTACHLOR EPOXIDE	0.03(S)	µg/L	0.010U
METHOXYCHLOR	35(S)	µg/L	0.020U
TOXAPHENE	0.09(S)	µg/L	0.25U
DISULFOTON	NC	µg/L	2.0U
ETHYL PARATHION	NC	µg/L	2.0U
FAMPHUR	NC	µg/L	2.0U
METHYL PARATHION	NC	µg/L	2.0U
PHORATE	NC	µg/L	2.0U
PHOSPHORODITHIOIC ACID, O,O-DIMETHYL S-[2-(METHYLAMINO)-	NC	µg/L	2.0U
2,4,5-T	NC	µg/L	0.10U
2,4,5-TP (SILVEX)	NC	µg/L	0.10U
2,4-D	NC	µg/L	0.50U
DINOSEB	NC	µg/L	0.50U

Notes:

U - Non detect; J - estimated value; R - rejected value;

EMPC - estimated maximum possible concentration; K - congener estimated maximum possible concentration

NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 28
Honeywell
SCA Hydrogeologic Investigation
Bedrock Monitoring Wells
Method 1668B High Resolution PCBs Data

Parameter Name	New York State Class GA Standards	Field Sample ID Location Sample Date Sample Depth Sample Purpose Units	SCA-0001-04	SCA-0002-04	SCA-0003-04	SCA-0004-06	SCA-0007-02	SCA-0007-01
			SB915-MW-87BR 3/10/2011 119-129 FT Regular sample	SB915-MW-88BR 3/11/2011 100-110 FT Regular sample	SB915-MW-89BR 3/14/2011 118-128 FT Regular sample	SB915-MW-90BR 3/15/2011 119.5-129.5 FT Regular sample	SB915-MW-91BR 3/25/2011 197-207 FT Regular sample	SB915-MW-92BR 3/25/2011 184-194 FT Regular sample
TOTALS								
TOTAL DECACB	NC	pg/L	0.905U	1.35	1.97U	1.44U	2.36U	1.38U
TOTAL DICHLOROBIPHENYLS	NC	pg/L	68.7U	206U	138U	124U	272U	687
TOTAL HEPTACB	NC	pg/L	13.1U	44.0U	32.2U	35.5U	56.3U	12.3U
TOTAL HEXACB	NC	pg/L	40.4U	101U	49.5U	45.9U	372	55.9U
TOTAL MONOCB	NC	pg/L	10.5U	314	179	9.51U	60	29.1
TOTAL NONACHLOROBIPHENYLS	NC	pg/L	2.15U	2.51U	1.71U	1.33U	7.16	2.13U
TOTAL OCTACB	NC	pg/L	2.59U	15.7	11	10.7U	12.1U	4.75U
TOTAL PENTACB	NC	pg/L	86.6U	185U	90.0U	101U	795	130U
TOTAL TETRACB	NC	pg/L	90.4U	463U	366U	178U	181U	315U
TOTAL TRICB	NC	pg/L	90.8U	894	752	230U	211U	733
CALCULATED TOTAL PCBs (post validation)	90000	pg/L	ND	1225.05	942	ND	7874.16	1449.1
TOTAL PCBs (lab reported prior to validation)	90000	pg/L	404	2220	1620	736	7950	1970
CONGENERS								
10-DiCB	NC	pg/L	9.72U	2.54J	1.17K	1.61J	17.5	10.3
109-PeCB	NC	pg/L	9.72U	1.49K	9.73U	0.969K	7.68J	9.78U
112-PeCB	NC	pg/L	9.72U	9.87U	9.73U	9.92U	9.34U	9.78U
142-HxCB	NC	pg/L	9.72U	9.87U	9.73U	9.92U	9.34U	9.78U
143-HxCB	NC	pg/L	9.72U	9.87U	9.73U	9.92U	9.34U	9.78U
160-HxCB	NC	pg/L	9.72U	9.87U	9.73U	9.92U	9.34U	9.78U
161-HxCB	NC	pg/L	9.72U	9.87U	9.73U	9.92U	9.34U	9.78U
162-HxCB	NC	pg/L	9.72U	9.87U	9.73U	9.92U	9.34U	9.78U
164-HxCB	NC	pg/L	9.72U	9.87U	9.73U	9.92U	7.14J	9.78U
165-HxCB	NC	pg/L	9.72U	3.07K	9.73U	9.92U	9.34U	9.78U
2,2',3,3',4,4',5,5',6-NONACHLOROBIPHENYL	NC	pg/L	9.72U	9.87U	9.73U	9.92U	5.07K	9.78U
2,2',3,3',4,4',6-HEPTACHLOROBIPHENYL	NC	pg/L	19.4U	19.7U	19.5U	1.89K	3.97J	19.6U
2,2',3,3',4,5',6,6'-OCTACHLOROBIPHENYL	NC	pg/L	9.72U	9.87U	9.73U	9.92U	9.34U	9.78U
2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	NC	pg/L	2.76J	8.82J	5.64K	5.64K	6.90K	2.52J
2,2',3,4,4',5',6-HEPTACHLOROBIPHENYL	NC	pg/L	1.54K	3.76J	3.27J	3.45K	3.58K	2.31J
2,2',3,4,4',5-HEXACHLOROBIPHENYL	NC	pg/L	9.72U	9.87U	9.73U	9.92U	5.85J	9.78U
2,2',3,4,5,5'-HEXACHLOROBIPHENYL	NC	pg/L	9.72U	9.87U	9.73U	9.92U	14.6	9.78U
2,2',3,5'-TETRACHLOROBIPHENYL	NC	pg/L	12.2J	69.4	54.7	23.4J	27U	50.5
2,2',4,4',5,5'-HEXACHLOROBIPHENYL	NC	pg/L	8.50J	11.6	6.79J	7.45K	49.5	9.50J
2,2',4,4',5,6'-HEXACHLOROBIPHENYL	NC	pg/L	9.72U	9.87U	9.73U	9.92U	9.34U	9.78U
2,2',5-TRICHLOROBIPHENYL	NC	pg/L	17.1J	117	96.1	36.4	305	188
2,3',4,4'-TETRACHLOROBIPHENYL	NC	pg/L	2.19K	5.81K	4.68K	5.23J	59.5	5.72J
2,3,3',4',6-PENTACHLOROBIPHENYL	NC	pg/L	13.0J	26.8	13.4J	17.5J	140	22.5
2,3-DICHLOROBIPHENYL	NC	pg/L	1.13K	5.20J	3.54J	3.15J	8.70J	7.55J
2,4',5-TRICHLOROBIPHENYL	NC	pg/L	14.4	144	121	31.8	277	61
2-CHLOROBIPHENYL	NC	pg/L	6.62K	135	44.8	5.49J	37.5	16.8

Notes:

U - Non detect; J - estimated value; R - rejected value;

EMPC - estimated maximum possible concentration

NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value

Table 28
Honeywell
SCA Hydrogeologic Investigation
Bedrock Monitoring Wells
Method 1668B High Resolution PCBs Data

Parameter Name	New York State Class GA Standards	Field Sample ID	SCA-0001-04	SCA-0002-04	SCA-0003-04	SCA-0004-06	SCA-0007-02	SCA-0007-01
		Location	SB915-MW-87BR	SB915-MW-88BR	SB915-MW-89BR	SB915-MW-90BR	SB915-MW-91BR	SB915-MW-92BR
		Sample Date	3/10/2011	3/11/2011	3/14/2011	3/15/2011	3/25/2011	3/25/2011
		Sample Depth	119-129 FT	100-110 FT	118-128 FT	119.5-129.5 FT	197-207 FT	184-194 FT
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Units						
203-OcCB	NC	pg/L	9.72U	2.57J	1.47K	1.66K	2.26K	0.880J
21-TrCB C33	NC	pg/L	9.15J	118	95.6	24	212	48.6
59-TeCB C62/75	NC	pg/L	29.2U	8.94J	29.2U	3.02J	23.7J	4.26K
64-TeCB	NC	pg/L	3.72J	22.2	19.2	7.98J	102	18.4
72-TeCB	NC	pg/L	9.72U	9.87U	9.73U	9.92U	9.34U	9.78U
98-PeCB C102	NC	pg/L	19.4U	19.7U	19.5U	19.8U	18.7U	19.6U
PCB 118	NC	pg/L	8.76K	24.9	7.45K	13.9	115	15.7
PCB 153	NC	pg/L	9.41J	3.43K	10.1J	10.3J	50.2	10.8J
PCB 209	NC	pg/L	0.905K	1.35J	1.97J	1.44K	2.36K	1.38K
PCB 52	NC	pg/L	23.3K B	95.3B	76.8B	31.6B	200	49.6B
PCB-103	NC	pg/L	9.72U	9.87U	9.73U	9.92U	9.34U	9.78U
PCB-104	NC	pg/L	9.72U	9.87U	9.73U	9.92U	9.34U	9.78U
PCB-105	NC	pg/L	5.27K	11.1	3.53K	7.64J	65.1	8.55J
PCB-106/118	NC	pg/L	9.72U	9.87U	9.73U	9.92U	9.34U	9.78U
PCB-107/109	NC	pg/L	19.4U	19.7U	19.5U	19.8U	4.84J	19.6U
PCB-11	NC	pg/L	20.3B	27.2B	22.5B	26.3B	1760	34.0B
PCB-111/115	NC	pg/L	9.72U	9.87U	9.73U	9.92U	9.34U	9.78U
PCB-114	NC	pg/L	9.72U	9.87U	9.73U	9.92U	3.86J	9.78U
PCB-12/13	NC	pg/L	2.39J	16.2J	10.6J	4.17J	48.2	7.60J
PCB-120	NC	pg/L	9.72U	9.87U	9.73U	9.92U	9.34U	9.78U
PCB-121	NC	pg/L	9.72U	9.87U	9.73U	9.92U	9.34U	9.78U
PCB-122	NC	pg/L	9.72U	9.87U	9.73U	9.92U	9.34U	9.78U
PCB-123	NC	pg/L	9.72U	9.87U	9.73U	9.92U	2.93K	9.78U
PCB-126	NC	pg/L	9.72U	9.87U	9.73U	9.92U	9.34U	9.78U
PCB-127	NC	pg/L	9.72U	9.87U	9.73U	9.92U	9.34U	9.78U
PCB-128/162	NC	pg/L	19.4U	6.51J	1.86K	2.74J	22.5	19.6U
PCB-129	NC	pg/L	10.2J	22.7J	10.3J	12.3J	100	16.5J
PCB-130	NC	pg/L	9.72U	9.87U	9.73U	9.92U	6.15K	9.78U
PCB-131	NC	pg/L	9.72U	9.87U	9.73U	9.92U	9.34U	9.78U
PCB-132/161	NC	pg/L	9.72U	8.56K	4.32K	9.92U	43.4	6.31J
PCB-133/142	NC	pg/L	9.72U	9.87U	9.73U	9.92U	9.34U	9.78U
PCB-134/143	NC	pg/L	9.72U	9.87U	9.73U	9.92U	4.36J	9.78U
PCB-135	NC	pg/L	4.86K	7.64J	5.79K	4.72K	19	5.10J
PCB-136	NC	pg/L	1.93K	4.36K	2.73J	2.39K	9.65	2.75K
PCB-139/149	NC	pg/L	19.4U	19.7U	19.5U	19.8U	18.7U	19.6U
PCB-14	NC	pg/L	9.72U	2.24K	0.921K	9.92U	9.34U	9.78U
PCB-144	NC	pg/L	9.72U	1.53K	9.73U	9.92U	2.60K	9.78U
PCB-145	NC	pg/L	9.72U	9.87U	9.73U	9.92U	9.34U	9.78U
PCB-146/165	NC	pg/L	9.72U	17	1.73J	9.92U	8.86J	9.78U
PCB-147	NC	pg/L	11.4J	18.4J	10.7J	10.8J	47.7	11.3J

Notes:

U - Non detect; J - estimated value; R - rejected value;

EMPC - estimated maximum possible concentration; K - congener estimated maximum possible concentration

NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 28
Honeywell
SCA Hydrogeologic Investigation
Bedrock Monitoring Wells
Method 1668B High Resolution PCBs Data

Parameter Name	New York State Class GA Standards	Field Sample ID	SCA-0001-04	SCA-0002-04	SCA-0003-04	SCA-0004-06	SCA-0007-02	SCA-0007-01
		Location	SB915-MW-87BR	SB915-MW-88BR	SB915-MW-89BR	SB915-MW-90BR	SB915-MW-91BR	SB915-MW-92BR
		Sample Date	3/10/2011	3/11/2011	3/14/2011	3/15/2011	3/25/2011	3/25/2011
		Sample Depth	119-129 FT	100-110 FT	118-128 FT	119.5-129.5 FT	197-207 FT	184-194 FT
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Units						
PCB-148	NC	pg/L	9.72U	9.87U	9.73U	9.92U	9.34U	9.78U
PCB-15	NC	pg/L	6.56J	31.7	26.7	18.7	147	41.8
PCB-150	NC	pg/L	9.72U	9.87U	9.73U	9.92U	9.34U	9.78U
PCB-152	NC	pg/L	9.72U	9.87U	9.73U	9.92U	9.34U	9.78U
PCB-155	NC	pg/L	9.72U	9.87U	9.73U	9.92U	9.34U	9.78U
PCB-156	NC	pg/L	1.93J	4.39J	1.44J	2.02J	15.3J	3.11K
PCB-158/160	NC	pg/L	9.72U	2.69K	9.73U	9.92U	10.4	9.78U
PCB-159	NC	pg/L	9.72U	9.87U	9.73U	9.92U	9.34U	9.78U
PCB-16/32	NC	pg/L	6.91K	67.8	53.9	18.3K	173	99.3
PCB-167	NC	pg/L	0.637J	0.721K	0.583K	0.579K	3.91J	9.78U
PCB-169	NC	pg/L	9.72U	9.87U	9.73U	9.92U	9.34U	9.78U
PCB-17	NC	pg/L	8.05K	70.8	54.5	16.6	146	79.9
PCB-170	NC	pg/L	3.39K	5.28J	4.75K	4.62J	9.91	9.78U
PCB-172	NC	pg/L	9.72U	9.87U	9.73U	9.92U	1.50J	9.78U
PCB-174	NC	pg/L	1.53K	7.74J	5.42J	4.67J	7.54J	3.18J
PCB-175	NC	pg/L	9.72U	9.87U	9.73U	9.92U	9.34U	9.78U
PCB-176	NC	pg/L	9.72U	9.87U	9.73U	9.92U	9.34U	9.78U
PCB-177	NC	pg/L	9.72U	3.89K	2.61K	2.88K	5.44J	9.78U
PCB-178	NC	pg/L	9.72U	9.87U	1.11K	0.960J	9.34U	9.78U
PCB-179	NC	pg/L	9.72U	2.72J	2.13J	1.62K	3.48J	9.78U
PCB-180	NC	pg/L	3.83J	11.8J	7.31J	8.46J	11.9J	4.30J
PCB-181	NC	pg/L	9.72U	9.87U	9.73U	9.92U	9.34U	9.78U
PCB-182/187	NC	pg/L	9.72U	9.87U	9.73U	9.92U	9.34U	9.78U
PCB-184	NC	pg/L	9.72U	9.87U	9.73U	9.92U	9.34U	9.78U
PCB-186	NC	pg/L	9.72U	9.87U	9.73U	9.92U	9.34U	9.78U
PCB-188	NC	pg/L	9.72U	9.87U	9.73U	9.92U	9.34U	9.78U
PCB-189	NC	pg/L	9.72U	9.87U	9.73U	9.92U	9.34U	9.78U
PCB-19	NC	pg/L	9.72U	10.6K	9.54J	7.69K	89.3	55.6
PCB-190	NC	pg/L	9.72U	9.87U	9.73U	1.32J	2.18K	9.78U
PCB-191	NC	pg/L	9.72U	9.87U	9.73U	9.92U	9.34U	9.78U
PCB-192	NC	pg/L	9.72U	9.87U	9.73U	9.92U	9.34U	9.78U
PCB-194	NC	pg/L	1.28K	3.49K	3.20K	2.36J	2.80K	1.34J
PCB-195	NC	pg/L	9.72U	1.60J	1.10K	1.74J	1.29K	9.78U
PCB-196/203	NC	pg/L	9.72U	1.94J	1.53K	1.52K	1.32K	0.962K
PCB-197	NC	pg/L	19.4U	19.7U	0.695K	19.8U	18.7U	19.6U
PCB-198	NC	pg/L	1.31K	5.15K	2.97K	3.05K	3.39K	1.57K
PCB-2	NC	pg/L	9.72U	103	79.9	9.92U	8.24K	3.55K
PCB-20/21/33	NC	pg/L	14.6J	162	149	37.7	337	67.3
PCB-202	NC	pg/L	9.72U	0.920K	9.73U	9.92U	1.05J	9.78U
PCB-204	NC	pg/L	9.72U	9.87U	9.73U	9.92U	9.34U	9.78U

Notes:

U - Non detect; J - estimated value; R - rejected value;

EMPC - estimated maximum possible concentration; K - congener estimated maximum possible concentration

NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 28
Honeywell
SCA Hydrogeologic Investigation
Bedrock Monitoring Wells
Method 1668B High Resolution PCBs Data

Parameter Name	New York State Class GA Standards	Field Sample ID	SCA-0001-04	SCA-0002-04	SCA-0003-04	SCA-0004-06	SCA-0007-02	SCA-0007-01
		Location	SB915-MW-87BR	SB915-MW-88BR	SB915-MW-89BR	SB915-MW-90BR	SB915-MW-91BR	SB915-MW-92BR
		Sample Date	3/10/2011	3/11/2011	3/14/2011	3/15/2011	3/25/2011	3/25/2011
		Sample Depth	119-129 FT	100-110 FT	118-128 FT	119.5-129.5 FT	197-207 FT	184-194 FT
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
Units								
PCB-205	NC	pg/L	9.72U	9.87U	9.73U	0.399K	9.34U	9.78U
PCB-207	NC	pg/L	9.72U	9.87U	9.73U	9.92U	9.34U	9.78U
PCB-208	NC	pg/L	9.72U	9.87U	9.73U	9.92U	2.09K	9.78U
PCB-22	NC	pg/L	6.26J	73.9	62.7	18.4	181	35.6
PCB-23	NC	pg/L	9.72U	9.87U	9.73U	9.92U	9.34U	9.78U
PCB-24/27	NC	pg/L	9.72U	9.87U	3.16J	9.92U	8.08K	3.81J
PCB-25	NC	pg/L	1.89K	11.4	10.4	2.98J	26.5	6.32K
PCB-26	NC	pg/L	4.09J	36.6	28.5	7.99J	62.3	15.3K
PCB-27	NC	pg/L	9.72U	11.5K	10.1	4.56J	33.3	14.7
PCB-3	NC	pg/L	3.90J	76.1	54.8K	4.02J	14.2	8.70K
PCB-32	NC	pg/L	4.51K	47.4	38.9	11.5	121	44.6
PCB-34	NC	pg/L	9.72U	9.87U	9.73U	9.92U	1.57J	9.78U
PCB-35	NC	pg/L	9.72U	9.87U	9.73U	1.95K	19.2	9.78U
PCB-36	NC	pg/L	9.72U	9.87U	9.73U	9.92U	9.34U	9.78U
PCB-37	NC	pg/L	3.85K	22.5	19.1	10.5	112	12.7
PCB-38	NC	pg/L	9.72U	9.87U	9.73U	9.92U	9.34U	9.78U
PCB-39	NC	pg/L	9.72U	9.87U	9.73U	9.92U	9.34U	9.78U
PCB-4/10	NC	pg/L	14	33.4	14.9	25.3	275	217
PCB-40	NC	pg/L	5.79K	35.8	32.5	14.8J	141	27.8
PCB-41/64/71/72	NC	pg/L	9.72U	11.8K	12.0U	3.60J	39.6	4.18J
PCB-42/59	NC	pg/L	3.02J	17.2	13.7	5.11K	80.2	11.7K
PCB-43/49	NC	pg/L	9.72U	9.87U	9.73U	9.92U	8.95J	9.78U
PCB-45	NC	pg/L	2.41K	25.7	25.5K	5.57J	67.9	20.6
PCB-46	NC	pg/L	9.72U	10.3K	8.90K	3.01K	26.9K	8.58J
PCB-48/75	NC	pg/L	2.77J	25.5K	22.3	4.86J	49.5	10.8K
PCB-49	NC	pg/L	7.46K	40.5	35.5	12.3J	118	22
PCB-50	NC	pg/L	2.34J	15.6J	17.0J	4.22J	42.6	14.3K
PCB-54	NC	pg/L	9.72U	9.87U	9.73U	0.682J	9.34U	9.78U
PCB-55	NC	pg/L	9.72U	9.87U	9.73U	9.92U	5.29K	9.78U
PCB-56/60	NC	pg/L	2.83K	7.42J	8.13J	9.22J	112	12.1
PCB-57	NC	pg/L	9.72U	9.87U	9.73U	9.92U	9.34U	9.78U
PCB-58	NC	pg/L	9.72U	9.87U	9.73U	9.92U	9.34U	9.78U
PCB-6	NC	pg/L	4.61J	19.3	10.7	8.22J	87.5	60
PCB-61/70	NC	pg/L	14.5J	41.3	31.3J	26.4J	275	33.2J
PCB-63	NC	pg/L	9.72U	9.87U	9.73U	9.92U	7.44K	9.78U
PCB-66	NC	pg/L	7.98K	21.8	15.4	14	152	17.5
PCB-67	NC	pg/L	9.72U	9.87U	9.73U	9.92U	5.92J	9.78U
PCB-68	NC	pg/L	9.72U	9.87U	9.73U	9.92U	9.34U	9.78U
PCB-7/9	NC	pg/L	9.72U	5.77J	3.10J	1.84J	10.4	9.63J
PCB-73	NC	pg/L	9.72U	4.42J	9.73U	9.92U	9.34U	9.78U

Notes:

U - Non detect; J - estimated value; R - rejected value;

EMPC - estimated maximum possible concentration; K - congener estimated maximum possible concentration

NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 28
Honeywell
SCA Hydrogeologic Investigation
Bedrock Monitoring Wells
Method 1668B High Resolution PCBs Data

Parameter Name	New York State Class GA Standards	Field Sample ID	SCA-0001-04	SCA-0002-04	SCA-0003-04	SCA-0004-06	SCA-0007-02	SCA-0007-01
		Location	SB915-MW-87BR	SB915-MW-88BR	SB915-MW-89BR	SB915-MW-90BR	SB915-MW-91BR	SB915-MW-92BR
		Sample Date	3/10/2011	3/11/2011	3/14/2011	3/15/2011	3/25/2011	3/25/2011
		Sample Depth	119-129 FT	100-110 FT	118-128 FT	119.5-129.5 FT	197-207 FT	184-194 FT
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
	Units							
PCB-77	NC	pg/L	9.72U	4.04J	9.73U	2.94J	26.8	3.61J
PCB-78	NC	pg/L	9.72U	9.87U	9.73U	9.92U	9.34U	9.78U
PCB-79	NC	pg/L	9.72U	9.87U	9.73U	9.92U	9.34U	9.78U
PCB-8	NC	pg/L	17.7B	55.2B	39.8B	31.0B	339	280
PCB-80	NC	pg/L	9.72U	9.87U	9.73U	9.92U	9.34U	9.78U
PCB-81	NC	pg/L	9.72U	9.87U	9.73U	9.92U	9.34U	9.78U
PCB-82	NC	pg/L	9.72U	4.36K	9.73U	9.92U	22.2	4.12J
PCB-83	NC	pg/L	9.72U	2.45K	9.73U	9.92U	9.34U	9.78U
PCB-84/92	NC	pg/L	9.72U	9.32J	5.09J	6.51K	45.7	8.70J
PCB-85/116	NC	pg/L	29.2U	4.52K	3.14J	29.8U	23.0J	4.20J
PCB-86	NC	pg/L	12.1K	19.3J	10.0J	12.4K	93.8	15.4J
PCB-88/91	NC	pg/L	3.62K	6.16K	3.23K	19.8U	17.9J	3.89J
PCB-89	NC	pg/L	9.72U	9.87U	9.73U	9.92U	9.34U	9.78U
PCB-9	NC	pg/L	2.04K	6.92J	3.84J	3.68J	23.6	19.1
PCB-90/101	NC	pg/L	17.9J	29.2J	16.4J	18.3J	97.4	19.2J
PCB-92	NC	pg/L	9.72U	5.16J	2.23K	9.92U	16.7	9.78U
PCB-93	NC	pg/L	19.4U	19.7U	19.5U	19.8U	18.7U	19.6U
PCB-94	NC	pg/L	9.72U	9.87U	9.73U	9.92U	9.34U	9.78U
PCB-95/98/102	NC	pg/L	17.4B	28.2K B	18.7B	15.9	86.8	18.2
PCB-96	NC	pg/L	9.72U	9.87U	9.73U	9.92U	1.81J	9.78U

Notes:

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NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 28
Honeywell
SCA Hydrogeologic Investigation
Bedrock Monitoring Wells
Method 1668B High Resolution PCBs Data

Parameter Name	New York State Class GA Standards	Field Sample ID Location Sample Date Sample Depth Sample Purpose Units	SCA-0014-03 SB915-MW-93BR 9/19/2011 142-152 FT Regular sample
TOTALS			
TOTAL DECACB	NC	pg/L	4.79
TOTAL DICHLOROBIPHENYLS	NC	pg/L	21.7U
TOTAL HEPTACB	NC	pg/L	7.45U
TOTAL HEXACB	NC	pg/L	30.2
TOTAL MONOCB	NC	pg/L	2.29U
TOTAL NONACHLOROBIPHENYLS	NC	pg/L	5.90U
TOTAL OCTACB	NC	pg/L	6.00U
TOTAL PENTACB	NC	pg/L	56.6U
TOTAL TETRACB	NC	pg/L	65.2U
TOTAL TRICB	NC	pg/L	130UJ
CALCULATED TOTAL PCBs (post validation)	90000	pg/L	34.99
TOTAL PCBs (lab reported prior to validation)	90000	pg/L	292
CONGENERS			
10-DiCB	NC	pg/L	12.5U
109-PeCB	NC	pg/L	9.60U
112-PeCB	NC	pg/L	9.60U
142-HxCB	NC	pg/L	9.60U
143-HxCB	NC	pg/L	9.60U
160-HxCB	NC	pg/L	9.60U
161-HxCB	NC	pg/L	9.60U
162-HxCB	NC	pg/L	9.60U
164-HxCB	NC	pg/L	9.60U
165-HxCB	NC	pg/L	9.60U
2,2',3,3',4,4',5,5',6-NONACHLOROBIPHENYL	NC	pg/L	9.60U
2,2',3,3',4,4',6-HEPTACHLOROBIPHENYL	NC	pg/L	19.2U
2,2',3,3',4,5',6,6'-OCTACHLOROBIPHENYL	NC	pg/L	9.60U
2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	NC	pg/L	5.16K
2,2',3,4,4',5',6-HEPTACHLOROBIPHENYL	NC	pg/L	19.2U
2,2',3,4,4',5-HEXACHLOROBIPHENYL	NC	pg/L	9.60U
2,2',3,4,5,5'-HEXACHLOROBIPHENYL	NC	pg/L	9.60U
2,2',3,5'-TETRACHLOROBIPHENYL	NC	pg/L	10.7J
2,2',4,4',5,5'-HEXACHLOROBIPHENYL	NC	pg/L	10.0U
2,2',4,4',5,6'-HEXACHLOROBIPHENYL	NC	pg/L	9.60U
2,2',5-TRICHLOROBIPHENYL	NC	pg/L	24.9K
2,3',4,4'-TETRACHLOROBIPHENYL	NC	pg/L	9.60U
2,3,3',4',6-PENTACHLOROBIPHENYL	NC	pg/L	16.6K
2,3-DICHLOROBIPHENYL	NC	pg/L	21.7U
2,4',5-TRICHLOROBIPHENYL	NC	pg/L	19.7K
2-CHLOROBIPHENYL	NC	pg/L	9.60U

Notes:

U - Non detect; J - estimated value; R - rejected value;

EMPC - estimated maximum possible concentration; K - congener estimated maximum possible concentration

NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value

Table 28
Honeywell
SCA Hydrogeologic Investigation
Bedrock Monitoring Wells
Method 1668B High Resolution PCBs Data

Parameter Name	New York State Class GA Standards	Field Sample ID	SCA-0014-03
		Location	SB915-MW-93BR
		Sample Date	9/19/2011
		Sample Depth	142-152 FT
		Sample Purpose	Regular sample
		Units	
203-OcCB	NC	pg/L	9.60U
21-TrCB C33	NC	pg/L	13.9J
59-TeCB C62/75	NC	pg/L	28.8U
64-TeCB	NC	pg/L	9.60U
72-TeCB	NC	pg/L	9.60U
98-PeCB C102	NC	pg/L	19.2U
PCB 118	NC	pg/L	9.60U
PCB 153	NC	pg/L	10.1K
PCB 209	NC	pg/L	4.79J
PCB 52	NC	pg/L	20.6
PCB-103	NC	pg/L	9.60U
PCB-104	NC	pg/L	9.60U
PCB-105	NC	pg/L	9.60U
PCB-106/118	NC	pg/L	9.60U
PCB-107/109	NC	pg/L	19.2U
PCB-11	NC	pg/L	18.0U
PCB-111/115	NC	pg/L	9.60U
PCB-114	NC	pg/L	9.60U
PCB-12/13	NC	pg/L	19.2U
PCB-120	NC	pg/L	9.60U
PCB-121	NC	pg/L	9.60U
PCB-122	NC	pg/L	9.60U
PCB-123	NC	pg/L	9.60U
PCB-126	NC	pg/L	9.60U
PCB-127	NC	pg/L	9.60U
PCB-128/162	NC	pg/L	19.2U
PCB-129	NC	pg/L	9.23J
PCB-130	NC	pg/L	9.60U
PCB-131	NC	pg/L	9.60U
PCB-132/161	NC	pg/L	9.60U
PCB-133/142	NC	pg/L	9.60U
PCB-134/143	NC	pg/L	10.4U
PCB-135	NC	pg/L	19.2U
PCB-136	NC	pg/L	9.60U
PCB-139/149	NC	pg/L	19.2U
PCB-14	NC	pg/L	17.7U
PCB-144	NC	pg/L	9.60U
PCB-145	NC	pg/L	9.60U
PCB-146/165	NC	pg/L	9.60U
PCB-147	NC	pg/L	10.9K

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NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 28
Honeywell
SCA Hydrogeologic Investigation
Bedrock Monitoring Wells
Method 1668B High Resolution PCBs Data

Parameter Name	New York State Class GA Standards	Field Sample ID	SCA-0014-03
		Location	SB915-MW-93BR
		Sample Date	9/19/2011
		Sample Depth	142-152 FT
		Sample Purpose	Regular sample
		Units	
PCB-148	NC	pg/L	9.60U
PCB-15	NC	pg/L	14.8U
PCB-150	NC	pg/L	9.60U
PCB-152	NC	pg/L	9.60U
PCB-155	NC	pg/L	9.60U
PCB-156	NC	pg/L	19.2U
PCB-158/160	NC	pg/L	9.60U
PCB-159	NC	pg/L	9.60U
PCB-16/32	NC	pg/L	12.2
PCB-167	NC	pg/L	9.60U
PCB-169	NC	pg/L	9.60U
PCB-17	NC	pg/L	11.3
PCB-170	NC	pg/L	9.60U
PCB-172	NC	pg/L	9.60U
PCB-174	NC	pg/L	9.60U
PCB-175	NC	pg/L	9.60U
PCB-176	NC	pg/L	9.60U
PCB-177	NC	pg/L	9.60U
PCB-178	NC	pg/L	9.60U
PCB-179	NC	pg/L	9.60U
PCB-180	NC	pg/L	19.2U
PCB-181	NC	pg/L	9.60U
PCB-182/187	NC	pg/L	9.60U
PCB-184	NC	pg/L	9.60U
PCB-186	NC	pg/L	9.60U
PCB-188	NC	pg/L	9.60U
PCB-189	NC	pg/L	9.60U
PCB-19	NC	pg/L	9.60U
PCB-190	NC	pg/L	9.60U
PCB-191	NC	pg/L	9.60U
PCB-192	NC	pg/L	9.60U
PCB-194	NC	pg/L	9.60U
PCB-195	NC	pg/L	9.60U
PCB-196/203	NC	pg/L	9.60U
PCB-197	NC	pg/L	19.2U
PCB-198	NC	pg/L	19.2U
PCB-2	NC	pg/L	9.60U
PCB-20/21/33	NC	pg/L	24.1K
PCB-202	NC	pg/L	9.60U
PCB-204	NC	pg/L	9.60U

Notes:

U - Non detect; J - estimated value; R - rejected value;

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NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 28
Honeywell
SCA Hydrogeologic Investigation
Bedrock Monitoring Wells
Method 1668B High Resolution PCBs Data

Parameter Name	New York State Class GA Standards	Field Sample ID	SCA-0014-03
		Location	SB915-MW-93BR
		Sample Date	9/19/2011
		Sample Depth	142-152 FT
		Sample Purpose	Regular sample
		Units	
PCB-205	NC	pg/L	9.60U
PCB-207	NC	pg/L	9.60U
PCB-208	NC	pg/L	9.60U
PCB-22	NC	pg/L	10.9
PCB-23	NC	pg/L	9.60U
PCB-24/27	NC	pg/L	9.60U
PCB-25	NC	pg/L	9.60U
PCB-26	NC	pg/L	6.58J
PCB-27	NC	pg/L	9.60U
PCB-3	NC	pg/L	9.60U
PCB-32	NC	pg/L	6.22K
PCB-34	NC	pg/L	9.60U
PCB-35	NC	pg/L	9.60U
PCB-36	NC	pg/L	9.60U
PCB-37	NC	pg/L	9.60U
PCB-38	NC	pg/L	9.60U
PCB-39	NC	pg/L	9.60U
PCB-4/10	NC	pg/L	18.7U
PCB-40	NC	pg/L	19.2U
PCB-41/64/71/72	NC	pg/L	13.6U
PCB-42/59	NC	pg/L	11.3U
PCB-43/49	NC	pg/L	12.9U
PCB-45	NC	pg/L	19.2U
PCB-46	NC	pg/L	9.60U
PCB-48/75	NC	pg/L	12.1U
PCB-49	NC	pg/L	19.2U
PCB-50	NC	pg/L	6.94K
PCB-54	NC	pg/L	9.60U
PCB-55	NC	pg/L	9.60U
PCB-56/60	NC	pg/L	9.60U
PCB-57	NC	pg/L	9.60U
PCB-58	NC	pg/L	9.60U
PCB-6	NC	pg/L	17.4U
PCB-61/70	NC	pg/L	16.2K
PCB-63	NC	pg/L	9.60U
PCB-66	NC	pg/L	10.7K
PCB-67	NC	pg/L	9.60U
PCB-68	NC	pg/L	9.60U
PCB-7/9	NC	pg/L	18.4U
PCB-73	NC	pg/L	9.60U

Notes:

U - Non detect; J - estimated value; R - rejected value;

EMPC - estimated maximum possible concentration; K - congener estimated maximum possible concentration

NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 28
Honeywell
SCA Hydrogeologic Investigation
Bedrock Monitoring Wells
Method 1668B High Resolution PCBs Data

Parameter Name	New York State Class GA Standards	Field Sample ID	SCA-0014-03
		Location	SB915-MW-93BR
		Sample Date	9/19/2011
		Sample Depth	142-152 FT
		Sample Purpose	Regular sample
		Units	
PCB-77	NC	pg/L	9.60U
PCB-78	NC	pg/L	9.60U
PCB-79	NC	pg/L	9.60U
PCB-8	NC	pg/L	16.2U
PCB-80	NC	pg/L	9.60U
PCB-81	NC	pg/L	9.60U
PCB-82	NC	pg/L	11.2U
PCB-83	NC	pg/L	12.0U
PCB-84/92	NC	pg/L	11.4U
PCB-85/116	NC	pg/L	28.8U
PCB-86	NC	pg/L	12.3K
PCB-88/91	NC	pg/L	19.2U
PCB-89	NC	pg/L	11.2U
PCB-9	NC	pg/L	18.4U
PCB-90/101	NC	pg/L	12.0J
PCB-92	NC	pg/L	10.4U
PCB-93	NC	pg/L	19.2U
PCB-94	NC	pg/L	11.6U
PCB-95/98/102	NC	pg/L	15.6K
PCB-96	NC	pg/L	9.60U

Notes:

U - Non detect; J - estimated value; R - rejected value;

EMPC - estimated maximum possible concentration; K - congener estimated maximum possible concentration

NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 29
Honeywell
SCA Hydrogeologic Investigation
Bedrock Monitoring Wells
Methods 6010/9012/7199/1631 Inorganic Compound Data

	Field Sample ID	SCA-0001-04	SCA-0008-01	SCA-0024-03	SCA-0027-04	SCA-0035-04	SCA-0044-04	
	Location	SB915-MW-87BR	SB915-MW-87BR	SB915-MW-87BR	SB915-MW-87BR	SB915-MW-87BR	SB915-MW-87BR	
	Sample Date	3/10/2011	6/22/2011	9/27/2011	12/6/2011	3/12/2012	5/7/2012	
	Sample Depth	119-129 FT	119-129 FT	119-129 FT	119-129 FT	119-129 FT	119-129 FT	
	New York State Class GA							
Parameter Name	Standards	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	
	Units							
ALUMINUM	NC	mg/L	4U	1.36J	10U	1.9J	0.335J	10U
ANTIMONY	0.003(G)	mg/L	0.03U	0.06U	0.3U	[0.17J]	0.06U	0.3U
ARSENIC	0.025(S)	mg/L	0.015U	0.03U	0.15U	0.069U	[0.0257J]	0.15U
BARIUM	1(S)	mg/L	0.492	0.357	0.352	0.27J	0.316	0.296
BERYLLIUM	0.003(G)	mg/L	[0.0141]	0.01U	0.01U	0.0058U	0.01U	0.05U
BORON	1(S)	mg/L	NA	0.91J	[1.1]	[1J]	[1.08J]	[1.05J]
CADMIUM	0.005(S)	mg/L	0.02U	0.01U	[0.0147]	0.0033U	0.02U	0.05U
CALCIUM	NC	mg/L	11700	10200J	9980	9900	9580	10500
CHROMIUM	0.05(S)	mg/L	0.0376	0.04U	0.04U	0.014U	[0.656J]	[0.216]
COBALT	NC	mg/L	0.08U	0.04U	0.2U	0.01J	0.0193J	0.2U
COPPER	0.2(S)	mg/L	0.05U	0.074J	0.1U	0.068U	0.1U	0.134J
CYANIDE	0.2(S)	mg/L	0.026J	0.073J	0.010UJ	0.0015R	0.0074J	0.010UJ
IRON	0.3(S)	mg/L	2U	[2.8]	[4.27J]	[3.6J]	[4.53J]	[3.56J]
LEAD	0.025(S)	mg/L	[0.0721]	[0.165]	[0.0734J]	0.032U	[0.0605]	0.15U
MAGNESIUM	35(G)	mg/L	[825]	[750]	[1020]	[840]	[820]	[912]
MANGANESE	0.3(S)	mg/L	[4.54J]	[4.51]	[6.26]	[5.4]	[5.85]	[5.76]
MERCURY	0.0007(S)	mg/L	1.64E-06	8.90E-07	5.90E-07	1.2e-007U	0.000002	0.0000047J
NICKEL	NC	mg/L	0.2U	0.759J	0.1U	0.039U	0.1U	0.5UJ
POTASSIUM	NC	mg/L	520	521	590J	460	585J	416J
SELENIUM	0.01(S)	mg/L	0.2U	[0.0405J]	0.5U	0.076U	0.1U	0.5U
SILVER	0.05(S)	mg/L	0.06U	0.03U	0.03U	0.017U	0.0295J	0.15R
SODIUM	20(S)	mg/L	[10100]	[8490J]	[9540]	[9800]	[8750]	[9290]
THALLIUM	0.0005(G)	mg/L	0.04U	0.02U	0.1U	[0.062J]	0.04U	0.5U
VANADIUM	NC	mg/L	0.025U	0.0271J	0.05U	0.047U	0.0233J	0.25U
ZINC	2(G)	mg/L	0.05U	0.537J	0.1U	0.062U	0.729J	0.5U
HEXAVALENT CHROMIUM	0.05(S)	mg/L	0.0055U	0.0055UJ	0.0055R	0.00056R	0.0055UJ	0.0055UJ

Notes:

U - Non detect; J - estimated value; R - rejected value;

EMPC - estimated maximum possible concentration; K - congener estimated maximum possible concentration.

NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 29
Honeywell
SCA Hydrogeologic Investigation
Bedrock Monitoring Wells
Methods 6010/9012/7199/1631 Inorganic Compound Data

Parameter Name	New York State Class GA Standards	Field Sample ID	SCA-0052-03	SCA-0002-04	SCA-0009-04	SCA-0026-04	SCA-0029-04	SCA-0036-04
		Location	SB915-MW-87BR	SB915-MW-88BR	SB915-MW-88BR	SB915-MW-88BR	SB915-MW-88BR	SB915-MW-88BR
		Sample Date	7/11/2012	3/11/2011	6/23/2011	9/28/2011	12/8/2011	3/13/2012
		Sample Depth	119-129 FT	100-110 FT	100-110 FT	100-110 FT	100-110 FT	100-110 FT
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Units						
ALUMINUM	NC	mg/L	2U	1U	5.18	2U	1.9J	3.52J
ANTIMONY	0.003(G)	mg/L	[0.0204J]	0.03U	0.06U	[0.0693]	[0.12J]	0.06U
ARSENIC	0.025(S)	mg/L	0.03U	0.015U	0.03U	0.03U	0.069U	0.03U
BARIUM	1(S)	mg/L	0.298	0.213	0.208	0.198	0.19J	0.201
BERYLLIUM	0.003(G)	mg/L	0.001UJ	[0.0116]	0.001U	0.01U	0.0058U	0.001U
BORON	1(S)	mg/L	[1.04]	NA	[2.87]	[2.67]	[2.8J]	[2.65J]
CADMIUM	0.005(S)	mg/L	[0.0118]	[0.0129]	0.0039U	[0.0111]	0.0033U	0.01U
CALCIUM	NC	mg/L	10300	8030	8760J	7860	8500	7840
CHROMIUM	0.05(S)	mg/L	0.04U	0.031	0.0338J	0.04U	0.014U	[0.479J]
COBALT	NC	mg/L	0.04U	0.04U	0.04U	0.05	0.012J	0.0178J
COPPER	0.2(S)	mg/L	0.0644J	0.0909	0.0586J	0.1U	0.071J	0.0459J
CYANIDE	0.2(S)	mg/L	0.010UJ	0.010UJ	0.056	0.010UJ	0.01U	0.010U
IRON	0.3(S)	mg/L	[3.42J]	[7.37]	[8.46]	[9.84]	[9.3]	[8.12J]
LEAD	0.025(S)	mg/L	0.03U	[0.0535]	0.03U	0.03U	0.032U	0.03U
MAGNESIUM	35(G)	mg/L	[717J]	[697]	[616]	[673]	[690]	[572]
MANGANESE	0.3(S)	mg/L	[5.71]	[6.08J]	[6.45]	[5.77]	[5.9]	[5.68]
MERCURY	0.0007(S)	mg/L	0.0000021J	5.80E-07	1.90E-07	1.60E-07	1.2E-007UJ	0.0000012
NICKEL	NC	mg/L	0.0438J	0.05U	0.1U	0.0523J	0.039U	0.007J
POTASSIUM	NC	mg/L	493	483	504	440	450	557J
SELENIUM	0.01(S)	mg/L	[0.156]	0.1U	[0.114]	[0.0613J]	0.076U	[0.0553J]
SILVER	0.05(S)	mg/L	0.03U	0.0048J	0.03U	0.03U	0.017U	0.03U
SODIUM	20(S)	mg/L	[7650J]	[6560]	[6490J]	[6860]	[7500]	[6670]
THALLIUM	0.0005(G)	mg/L	0.1U	0.02U	0.02U	0.1U	[0.068J]	[0.0236J]
VANADIUM	NC	mg/L	0.05U	0.025U	0.05U	0.05U	0.047U	0.0178J
ZINC	2(G)	mg/L	0.1U	0.05U	0.1U	0.19	0.5U	0.121J
HEXAVALENT CHROMIUM	0.05(S)	mg/L	0.0055R	0.0055U	0.0055R	0.0055R	0.0074J	0.0055R

Notes:

U - Non detect; J - estimated value; R - rejected value;

EMPC - estimated maximum possible concentration; K - congener estimated maximum possible concentration.

NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 29
Honeywell
SCA Hydrogeologic Investigation
Bedrock Monitoring Wells
Methods 6010/9012/7199/1631 Inorganic Compound Data

Parameter Name	New York State Class GA Standards	Field Sample ID	SCA-0045-04	SCA-0053-04	SCA-0003-04	SCA-0010-04	SCA-0022-01	SCA-0031-04
		Location	SB915-MW-88BR	SB915-MW-88BR	SB915-MW-89BR	SB915-MW-89BR	SB915-MW-89BR	SB915-MW-89BR
		Sample Date	5/8/2012	7/12/2012	3/14/2011	6/24/2011	9/26/2011	12/12/2011
		Sample Depth	100-110 FT	100-110 FT	118-128 FT	118-128 FT	118-128 FT	118-128 FT
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Units						
ALUMINUM	NC	mg/L	10U	1.73J	1U	4.98	2U	0.94J
ANTIMONY	0.003(G)	mg/L	0.3U	0.06U	0.03U	0.03U	[0.0468J]	0.034U
ARSENIC	0.025(S)	mg/L	0.15U	[0.0262J]	0.015U	0.06U	0.03U	0.069U
BARIUM	1(S)	mg/L	0.24	0.2	0.214	0.17	0.112	0.1J
BERYLLIUM	0.003(G)	mg/L	0.05U	0.01UJ	[0.0108]	0.005U	0.01U	0.0023U
BORON	1(S)	mg/L	[2.79J]	[2.59]	NA	[5.95]	[4.79]	[5.3]
CADMIUM	0.005(S)	mg/L	0.05U	0.01U	[0.0125]	[0.0087]	[0.013]	0.05U
CALCIUM	NC	mg/L	9320	7830	7320	8560J	7060	7300
CHROMIUM	0.05(S)	mg/L	[0.195J]	0.08U	0.0213	0.02U	0.04U	0.0057U
COBALT	NC	mg/L	0.2U	0.0176J	0.04U	0.0171J	0.0388J	0.012J
COPPER	0.2(S)	mg/L	0.155J	0.0575J	0.092	0.05U	0.1U	0.027U
CYANIDE	0.2(S)	mg/L	0.0053J	0.010UJ	0.010UJ	0.010U	0.010UJ	0.0015U
IRON	0.3(S)	mg/L	[11.1J]	[10J]	[4.03]	[18.4]	[21.3]	[20]
LEAD	0.025(S)	mg/L	0.15U	[0.0817]	[0.0366]	0.06U	0.03U	0.013U
MAGNESIUM	35(G)	mg/L	[746]	[702J]	[1240]	[1520]	[1380]	[1200]
MANGANESE	0.3(S)	mg/L	[6.24]	[5.73]	[5.45J]	[9.32]	[7.99]	[7.5]
MERCURY	0.0007(S)	mg/L	0.0000011J	0.0000012J	4.01E-06	1.60E-07	2.70E-07	1.2e-007U
NICKEL	NC	mg/L	0.5UJ	0.0129J	0.1U	0.2U	0.138J	0.016U
POTASSIUM	NC	mg/L	405J	422	895	1100	927	890
SELENIUM	0.01(S)	mg/L	0.5U	0.1U	0.1U	[0.0664J]	[0.0541J]	0.076U
SILVER	0.05(S)	mg/L	0.15U	0.06U	0.015U	0.015U	0.03U	0.0068U
SODIUM	20(S)	mg/L	[7140]	[6440J]	[10800]	[13200J]	[12000]	[12000J]
THALLIUM	0.0005(G)	mg/L	0.5U	[0.0695J]	0.02U	[0.023J]	0.1U	[0.039J]
VANADIUM	NC	mg/L	0.25U	0.0264J	0.025U	0.025U	0.05U	0.019U
ZINC	2(G)	mg/L	0.5U	0.0915J	0.0125J	0.05U	0.1U	0.025U
HEXAVALENT CHROMIUM	0.05(S)	mg/L	0.0055R	0.0055U	0.0055U	0.0055R	0.0055R	0.014J

Notes:

U - Non detect; J - estimated value; R - rejected value;

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NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 29
Honeywell
SCA Hydrogeologic Investigation
Bedrock Monitoring Wells
Methods 6010/9012/7199/1631 Inorganic Compound Data

	Field Sample ID	SCA-0039-04	SCA-0046-04	SCA-0055-07	SCA-0004-06	SCA-0011-02	SCA-0020-03	
	Location	SB915-MW-89BR	SB915-MW-89BR	SB915-MW-89BR	SB915-MW-90BR	SB915-MW-90BR	SB915-MW-90BR	
	Sample Date	3/16/2012	5/9/2012	7/14/2012	3/15/2011	6/27/2011	9/23/2011	
	Sample Depth	118-128 FT	118-128 FT	118-128 FT	119.5-129.5 FT	119.5-129.5 FT	119.5-129.5 FT	
	Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	
Parameter Name	New York State Class GA Standards	Units	Units	Units	Units	Units	Units	
ALUMINUM	NC	mg/L	2.69	2U	10U	1U	2.91	10U
ANTIMONY	0.003(G)	mg/L	0.06U	[0.129]	0.06U	0.03U	0.03U	0.3U
ARSENIC	0.025(S)	mg/L	0.03U	0.03U	0.03U	0.015U	0.03U	0.15U
BARIUM	1(S)	mg/L	0.123	0.102	0.102	0.0704	0.0878	0.2U
BERYLLIUM	0.003(G)	mg/L	0.01U	0.01U	0.001U	0.005U	0.001U	0.05U
BORON	1(S)	mg/L	[6.09]	[5.8]	[4.93]	NA	[1.73]	[1.55B]
CADMIUM	0.005(S)	mg/L	0.005U	0.0104R	0.01U	[0.0055]	0.005U	0.05U
CALCIUM	NC	mg/L	7590	7410	6910	4000J	4530	4620
CHROMIUM	0.05(S)	mg/L	[0.699]	0.04U	0.04U	0.0122J	0.0139J	0.0456J
COBALT	NC	mg/L	0.0134J	0.04U	0.009J	0.02U	0.02U	0.2U
COPPER	0.2(S)	mg/L	0.1U	0.0135J	0.1U	0.05U	0.0383J	0.5U
CYANIDE	0.2(S)	mg/L	0.010U	0.0052J	0.010U	0.010UJ	0.010U	0.010UJ
IRON	0.3(S)	mg/L	[24.8]	[24.5J]	[21.2]	[3.99]	[4.81]	[8.09]
LEAD	0.025(S)	mg/L	0.15U	0.3U	0.03U	0.0148J	0.0075J	0.15U
MAGNESIUM	35(G)	mg/L	[1490]	[1390]	[1300]	[804]	[787]	[807]
MANGANESE	0.3(S)	mg/L	[9.01]	[8.42]	[8.03]	[4.94]	[5.08]	[5.56]
MERCURY	0.0007(S)	mg/L	0.00000050U	0.00000066R	0.00000050U	9.60E-07	1.14E-06	6.40E-07
NICKEL	NC	mg/L	0.5U	1U	0.0102J	0.0076B	0.05U	0.5U
POTASSIUM	NC	mg/L	1070	959J	887	300	374	277
SELENIUM	0.01(S)	mg/L	[0.0335J]	[0.247]	[0.0494J]	0.05U	[0.0542]	0.5U
SILVER	0.05(S)	mg/L	0.03U	0.042	0.015U	0.015U	0.015U	0.15U
SODIUM	20(S)	mg/L	[13100]	[12200]	[11700]	[5810]	[6660]	[7070]
THALLIUM	0.0005(G)	mg/L	0.1U	0.2U	0.05U	0.01U	0.01U	0.1U
VANADIUM	NC	mg/L	0.0256J	0.05U	0.0257J	0.025U	0.025U	0.25U
ZINC	2(G)	mg/L	0.311J	0.1U	0.1U	0.05U	0.05U	0.136J
HEXAVALENT CHROMIUM	0.05(S)	mg/L	0.0055U	0.0055U	0.0055R	0.0055R	0.0055R	0.0055UJ

Notes:

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NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 29
Honeywell
SCA Hydrogeologic Investigation
Bedrock Monitoring Wells
Methods 6010/9012/7199/1631 Inorganic Compound Data

Parameter Name	New York State Class GA Standards	Field Sample ID Location Sample Date Sample Depth Sample Purpose Units	SCA-0032-04	SCA-0040-04	SCA-0047-04	SCA-0056-04	SCA-0007-02	SCA-0012-05
			SB915-MW-90BR 12/13/2011 119.5-129.5 FT Regular sample	SB915-MW-90BR 3/19/2012 119.5-129.5 FT Regular sample	SB915-MW-90BR 5/10/2012 119.5-129.5 FT Regular sample	SB915-MW-90BR 7/17/2012 119.5-129.5 FT Regular sample	SB915-MW-91BR 3/25/2011 197-207 FT Regular sample	SB915-MW-91BR 6/28/2011 197-207 FT Regular sample
ALUMINUM	NC	mg/L	1.2J	0.288J	1.27J	1U	0.105J	0.517J
ANTIMONY	0.003(G)	mg/L	[0.059J]	0.06U	0.06U	0.03U	0.012U	0.03U
ARSENIC	0.025(S)	mg/L	0.027U	0.03U	0.03U	0.015U	0.0068J	0.075U
BARIUM	1(S)	mg/L	0.061J	0.0595	0.0616	0.0691	0.096	0.203
BERYLLIUM	0.003(G)	mg/L	0.0023U	0.001U	0.01U	0.001U	0.001U	0.001U
BORON	1(S)	mg/L	[1.8J]	1U	[1.73J]	[1.66]	NA	[1.89]
CADMIUM	0.005(S)	mg/L	0.0013U	0.01U	0.01U	0.005U	0.002U	0.005U
CALCIUM	NC	mg/L	4700	1170	4900	4260	3250J	3200
CHROMIUM	0.05(S)	mg/L	0.0057U	0.04U	[0.14J]	0.02U	0.0082	0.02U
COBALT	NC	mg/L	0.0064J	0.04U	0.0101J	0.0064J	0.0007J	0.02U
COPPER	0.2(S)	mg/L	0.027J	0.1U	0.0407J	0.05U	0.016J	0.05U
CYANIDE	0.2(S)	mg/L	0.0015U	0.025	0.010U	0.010U	0.015J	0.010U
IRON	0.3(S)	mg/L	[9.3J]	[8.26]	[8.92J]	[10.8J]	[2.8]	[2.5]
LEAD	0.025(S)	mg/L	0.013U	0.03U	0.03U	0.0153	0.0054J	0.075U
MAGNESIUM	35(G)	mg/L	[930]	[827]	[884]	[809J]	[429]	[374]
MANGANESE	0.3(S)	mg/L	[5.7]	[1.19]	[5.58]	[5.25J]	[2.22]	[1.44]
MERCURY	0.0007(S)	mg/L	5e-007U	0.00000063	0.0000018J	0.0000011J	2.58E-06	1.95E-06
NICKEL	NC	mg/L	0.016U	0.1U	0.1U	0.05U	0.011J	0.0476J
POTASSIUM	NC	mg/L	330	326	292J	365J	631	723
SELENIUM	0.01(S)	mg/L	0.03U	0.1U	[0.0345J]	[0.0294J]	0.02U	[0.02118]
SILVER	0.05(S)	mg/L	0.0068U	0.03U	0.075U	0.015U	0.0126J	0.015U
SODIUM	20(S)	mg/L	[7900]	[898]	[7040]	[4390]	[35100]	[39100]
THALLIUM	0.0005(G)	mg/L	[0.035J]	0.02U	0.05U	0.05U	0.02U	[0.0172J]
VANADIUM	NC	mg/L	0.019U	0.05U	0.0162J	0.0168J	0.0031J	0.0144J
ZINC	2(G)	mg/L	0.025U	0.1U	0.1U	0.05U	0.0247	0.0137J
HEXAVALENT CHROMIUM	0.05(S)	mg/L	0.011UJ	0.0055UJ	0.0055R	0.0055R	0.0055R	0.0055UJ

Notes:

U - Non detect; J - estimated value; R - rejected value;

EMPC - estimated maximum possible concentration; K - congener estimated maximum possible concentration.

NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 29
Honeywell
SCA Hydrogeologic Investigation
Bedrock Monitoring Wells
Methods 6010/9012/7199/1631 Inorganic Compound Data

	Field Sample ID	SCA-0017-01	SCA-0028-05	SCA-0036-05	SCA-0045-05	SCA-0057-03	SCA-0007-01	
	Location	SB915-MW-91BR	SB915-MW-91BR	SB915-MW-91BR	SB915-MW-91BR	SB915-MW-91BR	SB915-MW-92BR	
	Sample Date	9/21/2011	12/7/2011	3/13/2012	5/8/2012	7/18/2012	3/25/2011	
	Sample Depth	197-207 FT	197-207 FT	197-207 FT	197-207 FT	197-207 FT	184-194 FT	
	New York State Class GA Standards	Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	
Parameter Name	Units							
ALUMINUM	NC	mg/L	0.448J	1.1J	2U	0.981J	0.2U	1.77
ANTIMONY	0.003(G)	mg/L	[0.0243J]	[0.057J]	0.06U	0.3U	0.006U	0.012U
ARSENIC	0.025(S)	mg/L	0.03U	0.069U	0.03U	0.15U	0.003U	0.0231
BARIUM	1(S)	mg/L	0.16	0.12J	0.139	0.147J	0.0059J	0.0764
BERYLLIUM	0.003(G)	mg/L	0.005U	0.0058U	0.01U	0.05U	0.001U	0.001U
BORON	1(S)	mg/L	[1.8]	[1.9J]	[2.04J]	[2.08J]	0.1U	NA
CADMIUM	0.005(S)	mg/L	0.01U	0.0033U	0.0037J	0.05U	0.001U	0.001U
CALCIUM	NC	mg/L	3280	3600	3350	3760	156	5700J
CHROMIUM	0.05(S)	mg/L	0.04U	0.014U	0.04U	[0.151J]	0.004U	0.0017B
COBALT	NC	mg/L	0.04U	0.021J	0.04U	0.2U	0.004U	0.0012B
COPPER	0.2(S)	mg/L	0.1U	0.074J	0.0264J	0.141J	0.002J	0.005B
CYANIDE	0.2(S)	mg/L	0.010UJ	0.0015U	0.010U	0.0095J	0.010U	0.0071J
IRON	0.3(S)	mg/L	[3.06]	2.5U	1U	5U	0.1U	[11.3]
LEAD	0.025(S)	mg/L	0.6U	0.032U	0.3U	0.15U	0.3U	0.0049B
MAGNESIUM	35(G)	mg/L	[488]	[530]	[497]	[582]	22.9	[827]
MANGANESE	0.3(S)	mg/L	[1.64]	[2.2]	[1.88]	[2.11]	0.0896	[5.42]
MERCURY	0.0007(S)	mg/L	3.10E-06	8.1e-007J	0.00000065	0.0000018J	0.0000012J	6.40E-07
NICKEL	NC	mg/L	0.17J	0.039U	0.0727J	0.5UJ	0.151J	0.574
POTASSIUM	NC	mg/L	705	580	688J	500J	27.8J	604
SELENIUM	0.01(S)	mg/L	0.1U	0.076U	0.1U	0.5U	0.0029J	0.05U
SILVER	0.05(S)	mg/L	0.03U	0.017U	0.15U	0.15R	0.0012J	0.0266
SODIUM	20(S)	mg/L	[53000]	[42000]	[31200]	[36600]	[55800]	[10300]
THALLIUM	0.0005(G)	mg/L	0.2U	[0.06J]	0.5U	0.5U	1U	0.01U
VANADIUM	NC	mg/L	0.05U	0.047U	0.05U	0.25U	0.0009J	0.0019J
ZINC	2(G)	mg/L	0.1U	0.062U	0.1U	0.5U	0.01U	0.0192J
HEXAVALENT CHROMIUM	0.05(S)	mg/L	0.0055U	0.01UJ	0.0055R	0.0055R	0.0055U	0.0055R

Notes:

U - Non detect; J - estimated value; R - rejected value;

EMPC - estimated maximum possible concentration; K - congener estimated maximum possible concentration.

NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 29
Honeywell
SCA Hydrogeologic Investigation
Bedrock Monitoring Wells
Methods 6010/9012/7199/1631 Inorganic Compound Data

	Field Sample ID	SCA-0010-05	SCA-0017-02	SCA-0028-07	SCA-0037-05	SCA-0046-07	SCA-0057-04	
	Location	SB915-MW-92BR	SB915-MW-92BR	SB915-MW-92BR	SB915-MW-92BR	SB915-MW-92BR	SB915-MW-92BR	
	Sample Date	6/24/2011	9/21/2011	12/7/2011	3/14/2012	5/9/2012	7/18/2012	
	Sample Depth	184-194 FT	184-194 FT	184-194 FT	184-194 FT	184-194 FT	184-194 FT	
	New York State Class GA Standards	Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	
Parameter Name	Units							
ALUMINUM	NC	mg/L	3.82J	2U	1J	2U	2U	0.02J
ANTIMONY	0.003(G)	mg/L	0.03U	[0.0316J]	[0.095J]	[0.0326J]	0.03U	0.006U
ARSENIC	0.025(S)	mg/L	0.06U	0.03U	0.069U	0.03U	0.03U	0.003U
BARIUM	1(S)	mg/L	0.0605	0.0528	0.044J	0.0496	0.0535	0.0047J
BERYLLIUM	0.003(G)	mg/L	0.001U	0.001U	0.0058U	0.005U	0.005U	0.001U
BORON	1(S)	mg/L	[3.76]	[3.18]	[3.3J]	[3.45J]	[3.52J]	0.361
CADMIUM	0.005(S)	mg/L	[0.0059]	0.003U	0.0033U	[0.0075J]	[0.0068J]	0.001U
CALCIUM	NC	mg/L	5620J	4830	5200	4930	4680	479
CHROMIUM	0.05(S)	mg/L	0.02U	0.04U	0.014U	[0.155J]	0.04U	0.004U
COBALT	NC	mg/L	0.0102J	0.012U	0.012J	0.04U	0.02U	0.0007J
COPPER	0.2(S)	mg/L	0.05U	0.0084J	0.068U	0.1U	0.0076J	0.002J
CYANIDE	0.2(S)	mg/L	0.010U	0.010UJ	0.0015U	0.088J	0.010UJ	0.010U
IRON	0.3(S)	mg/L	[11.1]	[11.2]	[13]	[15.6J]	[13.9J]	[1.37]
LEAD	0.025(S)	mg/L	0.06U	[0.0362]	0.032U	0.03U	0.3U	0.03U
MAGNESIUM	35(G)	mg/L	[734]	[768]	[900]	[986]	[919]	[84]
MANGANESE	0.3(S)	mg/L	[5.94]	[5.26]	[5.7]	[5.93]	[5.67]	[0.557]
MERCURY	0.0007(S)	mg/L	1.11E-06	2.11E-06	0.0003J	0.0000031	0.0000018J	0.00000099J
NICKEL	NC	mg/L	0.2U	0.1U	0.039U	0.1U	1U	0.0095J
POTASSIUM	NC	mg/L	541	478	500	500J	527J	54.6J
SELENIUM	0.01(S)	mg/L	0.2U	0.1U	0.076U	0.1U	[0.144]	0.0046J
SILVER	0.05(S)	mg/L	0.015U	0.009U	0.017U	0.03U	0.0222	0.0042
SODIUM	20(S)	mg/L	[10100J]	[8030]	[10000]	[3020]	[8750]	[8260]
THALLIUM	0.0005(G)	mg/L	[0.0899J]	0.1U	0.059U	0.04U	0.2U	0.1U
VANADIUM	NC	mg/L	0.025U	0.015U	0.047U	0.05U	0.025U	0.0022J
ZINC	2(G)	mg/L	0.05U	0.03U	0.062U	0.1U	0.05U	0.01U
HEXAVALENT CHROMIUM	0.05(S)	mg/L	0.0055R	0.0055U	0.0056UJ	0.0055R	0.0055U	0.0055U

Notes:

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Table 29
Honeywell
SCA Hydrogeologic Investigation
Bedrock Monitoring Wells
Methods 6010/9012/7199/1631 Inorganic Compound Data

	Field Sample ID	SCA-0014-03	SCA-0033-04	SCA-0041-06	SCA-0049-04	SCA-0054-05	
	Location	SB915-MW-93BR	SB915-MW-93BR	SB915-MW-93BR	SB915-MW-93BR	SB915-MW-93BR	
	Sample Date	9/19/2011	12/14/2011	3/20/2012	5/14/2012	7/13/2012	
	Sample Depth	142-152 FT	142-152 FT	142-152 FT	142-152 FT	142-152 FT	
	New York State Class GA Standards	Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	
Parameter Name	Units						
ALUMINUM	NC	mg/L	10U	2.5J	5U	5U	1.96J
ANTIMONY	0.003(G)	mg/L	0.3U	[0.17J]	0.15U	0.06U	0.15U
ARSENIC	0.025(S)	mg/L	0.15U	0.069U	0.075U	[0.0323]	0.075U
BARIUM	1(S)	mg/L	0.094	0.092J	0.12	0.0873	0.113
BERYLLIUM	0.003(G)	mg/L	0.01U	0.0058U	0.005U	0.005U	0.005U
BORON	1(S)	mg/L	NA	[2.7J]	[2.99]	[2.37]	[2.72J]
CADMIUM	0.005(S)	mg/L	[0.0179]	0.0033U	0.025U	0.05U	0.025U
CALCIUM	NC	mg/L	13400J	12000	13000	12100	12900
CHROMIUM	0.05(S)	mg/L	0.04U	0.13U	[0.485]	0.075R	0.1U
COBALT	NC	mg/L	0.2U	0.027J	0.1U	0.0239J	0.02J
COPPER	0.2(S)	mg/L	0.1U	0.068U	[1.38]	0.176	[0.476]
CYANIDE	0.2(S)	mg/L	0.0064J	0.0015U	[0.33]	0.17	0.010U
IRON	0.3(S)	mg/L	[40]	[34J]	[38]	[28.4]	[35.4]
LEAD	0.025(S)	mg/L	0.15U	0.063U	0.15U	0.075U	[0.133]
MAGNESIUM	35(G)	mg/L	[2650]	[2300]	[2750]	[1940J]	[2590]
MANGANESE	0.3(S)	mg/L	[14.5]	[13]	[15.4]	[10.5J]	[14.1]
MERCURY	0.0007(S)	mg/L	1.60E-07	5e-007U	0.0000006	0.0000015J	0.0000067
NICKEL	NC	mg/L	0.157J	0.039U	0.5U	0.0302J	0.25U
POTASSIUM	NC	mg/L	1180	970	1090	896	1180
SELENIUM	0.01(S)	mg/L	0.5U	0.076U	0.25U	[0.246J]	0.25U
SILVER	0.05(S)	mg/L	0.15U	0.017U	0.075U	0.15U	0.075U
SODIUM	20(S)	mg/L	[20400]	[21000]	[21900]	[16700]	[21300]
THALLIUM	0.0005(G)	mg/L	0.1U	[0.1J]	0.1U	0.1U	0.1U
VANADIUM	NC	mg/L	0.05U	0.047U	0.0546J	0.0286	0.0625J
ZINC	2(G)	mg/L	0.5U	0.062U	0.253J	0.302J	0.25U
HEXAVALENT CHROMIUM	0.05(S)	mg/L	0.0055U	0.017J	0.0055U	0.0055U	0.0055U

Notes:

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NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 30
Honeywell
SCA Hydrogeologic Investigation
Bedrock Monitoring Wells
Other Data

		Field Sample ID	SCA-0001-04	SCA-0008-01	SCA-0024-03	SCA-0027-04	SCA-0035-04	SCA-0044-04
		Location	SB915-MW-87BR	SB915-MW-87BR	SB915-MW-87BR	SB915-MW-87BR	SB915-MW-87BR	SB915-MW-87BR
		Sample Date	3/10/2011	6/22/2011	9/27/2011	12/6/2011	3/12/2012	5/7/2012
		Sample Depth	119-129 FT	119-129 FT	119-129 FT	119-129 FT	119-129 FT	119-129 FT
	New York State	Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
Parameter Name	Class GA	Units						
	Standards							
ALKALINITY, TOTAL (AS CaCO3)	NC	mg/L	65.3J	36.7	46.1	NA	152	49.5J
TOTAL ALKALINITY	NC	mg/L	NA	NA	NA	45		
BICARBONATE ALKALINITY	NC	mg/L	NA	NA	NA	NA	50.2	NA
BICARBONATE ALKALINITY AS CaCO3	NC	mg/L	NA	NA	NA	45	NA	49.3J
CARBONATE ALKALINITY	NC	mg/L	NA	NA	NA	NA	NA	NA
ALKALINITY, CARBONATE (AS CaCO3)	NC	mg/L	NA	NA	NA	0.41U	5U	5.0U
BIOCHEMICAL OXYGEN DEMAND, FIVE DAY	NC	mg/L	5.0U	5.0U	48.3	0.79U	5.0U	1J
BROMIDE	2(G)	mg/L	[109J]	[136J]	[171]	[120]	[221]	[193]
CHLORIDE	250	mg/L	[36900]	[34500]	[40800]	[36000]	[36100]	[36800]
CHEMICAL OXYGEN DEMAND	NC	mg/L	1520J	2920J	1410	2500J	1890	2520
HARDNESS (AS CaCO3)	NC	mg/L	28300	21200	33200	31000	26000	29700
NITROGEN, AMMONIA (AS N)	NC	mg/L	19.2	25.4	18	22	18.7	18.0J
NITROGEN, KJELDAHL, TOTAL	NC	mg/L	17.4J	17.0J	3.9J	24	0.13J	11.0J
NITRATE	10(S)	mg/L	NA	NA	NA	NA	0.11U	0.028J
NITROGEN, NITRATE (AS N)	10(S)	mg/L	0.11U	0.11U	0.033J	2.1U	NA	NA
NITRITE	1(S)	mg/L	NA	NA	NA	NA	0.010U	NA
NITROGEN, NITRITE	10(S)	mg/L	0.010U	0.010U	0.010U	NA	NA	0.010U
NITROGEN, NITRATE-NITRITE	10(S)	mg/L	0.10U	0.1U	0.033J	NA	0.10U	0.028J
SULFATE	250	mg/L	[969]	[1150]	[1140]	[960]	[1300]	[1170]
TOTAL ORGANIC CARBON	NC	mg/L	1.4	1.4J	0.91J	1UJ	0.71J	1.0U
TOTAL DISSOLVED SOLIDS	NC	mg/L	61100	47800	53600	110000	76100	87000
TOTAL PHENOLS	0.001(S)	mg/L	0.20U	0.20UJ	0.20U	0.0062U	0.20U	0.20U

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NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 30
Honeywell
SCA Hydrogeologic Investigation
Bedrock Monitoring Wells
Other Data

Parameter Name	New York State Class GA Standards	Field Sample ID	SCA-0052-03	SCA-0002-04	SCA-0009-04	SCA-0026-04	SCA-0029-04	SCA-0036-04
		Location	SB915-MW-87BR	SB915-MW-88BR	SB915-MW-88BR	SB915-MW-88BR	SB915-MW-88BR	SB915-MW-88BR
		Sample Date	7/11/2012	3/11/2011	6/23/2011	9/28/2011	12/8/2011	3/13/2012
		Sample Depth	119-129 FT	100-110 FT	100-110 FT	100-110 FT	100-110 FT	100-110 FT
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Units						
ALKALINITY, TOTAL (AS CaCO3)	NC	mg/L	48.3	52.2J	47.5	49.3	NA	59.5
TOTAL ALKALINITY	NC	mg/L		NA	NA	NA	45	
BICARBONATE ALKALINITY	NC	mg/L	NA	NA	NA	NA	NA	59.5
BICARBONATE ALKALINITY AS CaCO3	NC	mg/L	48.2	NA	NA	NA	45	NA
CARBONATE ALKALINITY	NC	mg/L	NA	NA	NA	NA	NA	NA
ALKALINITY, CARBONATE (AS CaCO3)	NC	mg/L	5.0U	NA	NA	NA	0.41U	5U
BIOCHEMICAL OXYGEN DEMAND, FIVE DAY	NC	mg/L	3.4U	1.5J	5.0U	3.4U	0.79U	3.4U
BROMIDE	2(G)	mg/L	[125]	[70.1J]	[165J]	[122]	[78]	[131]
CHLORIDE	250	mg/L	[38900]	[28100]	[28100]	[30300]	[30000]	[29100]
CHEMICAL OXYGEN DEMAND	NC	mg/L	3030	761J	2620J	1300	1300J	667
HARDNESS (AS CaCO3)	NC	mg/L	28600	23200	18200	24900	26000	25000
NITROGEN, AMMONIA (AS N)	NC	mg/L	19.5J	17.6	19.9	15.3	18	16
NITROGEN, KJELDAHL, TOTAL	NC	mg/L	2.7J	15.1J	20.3	3.1	21	0.60J
NITRATE	10(S)	mg/L	NA	NA	NA	NA	NA	0.11U
NITROGEN, NITRATE (AS N)	10(S)	mg/L	0.0071J	0.098J	0.029J	0.023J	2.1U	NA
NITRITE	1(S)	mg/L	NA	NA	NA	NA	NA	0.010U
NITROGEN, NITRITE	10(S)	mg/L	0.010U	0.0025J	0.010U	0.010U	NA	NA
NITROGEN, NITRATE-NITRITE	10(S)	mg/L	0.0071J	0.1	0.029J	0.023J	NA	0.10U
SULFATE	250	mg/L	[1260]	[933]	[713]	[1060]	[1000]	[1230]
TOTAL ORGANIC CARBON	NC	mg/L	1.0U	0.97J	1.1J	0.72J	0.19UJ	0.44J
TOTAL DISSOLVED SOLIDS	NC	mg/L	77900	36900J	51900J	39400	48000	38200
TOTAL PHENOLS	0.001(S)	mg/L	0.20U	0.20U	0.2UJ	0.20U	0.0062U	0.20U

Notes:

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NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 30
Honeywell
SCA Hydrogeologic Investigation
Bedrock Monitoring Wells
Other Data

	Field Sample ID	SCA-0045-04	SCA-0053-04	SCA-0003-04	SCA-0010-04	SCA-0022-01	SCA-0031-04	
	Location	SB915-MW-88BR	SB915-MW-88BR	SB915-MW-89BR	SB915-MW-89BR	SB915-MW-89BR	SB915-MW-89BR	
	Sample Date	5/8/2012	7/12/2012	3/14/2011	6/24/2011	9/26/2011	12/12/2011	
	Sample Depth	100-110 FT	100-110 FT	118-128 FT	118-128 FT	118-128 FT	118-128 FT	
	New York State Class GA Standards	Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	
Parameter Name	Units	Units	Units	Units	Units	Units	Units	
ALKALINITY, TOTAL (AS CaCO3)	NC	mg/L	57.1J	55.7	22.7J	27	7.4	NA
TOTAL ALKALINITY	NC	mg/L			NA	NA	NA	35
BICARBONATE ALKALINITY	NC	mg/L	NA	NA	NA	NA	NA	NA
BICARBONATE ALKALINITY AS CaCO3	NC	mg/L	57.1J	55.7	NA	NA	NA	35
CARBONATE ALKALINITY	NC	mg/L	NA	NA	NA	NA	NA	NA
ALKALINITY, CARBONATE (AS CaCO3)	NC	mg/L	5.0U	5.0U	NA	NA	NA	0.41U
BIOCHEMICAL OXYGEN DEMAND, FIVE DAY	NC	mg/L	1.3J	3.4U	13.1	2.7B	5.0U	0.79U
BROMIDE	2(G)	mg/L	[142]	[87.2J]	[316J]	[451J]	[457]	[320]
CHLORIDE	250	mg/L	[30100]	[31500]	[34100]	[38900]	[39900]	[37000]
CHEMICAL OXYGEN DEMAND	NC	mg/L	2210	1530	1410J	5330J	1920	1500J
HARDNESS (AS CaCO3)	NC	mg/L	23900	23700	21500	31100	26100	25000
NITROGEN, AMMONIA (AS N)	NC	mg/L	16.1	20.8J	35.2	44	32.6	42
NITROGEN, KJELDAHL, TOTAL	NC	mg/L	97.9	3.9J	19.9J	32.8	10.4J	2.5U
NITRATE	10(S)	mg/L	0.039J	NA	NA	NA	NA	NA
NITROGEN, NITRATE (AS N)	10(S)	mg/L	NA	NA	0.042J	0.11U	0.11U	2.1U
NITRITE	1(S)	mg/L	NA	NA	NA	NA	NA	NA
NITROGEN, NITRITE	10(S)	mg/L	0.010U	0.010U	0.010U	0.010U	0.010U	NA
NITROGEN, NITRATE-NITRITE	10(S)	mg/L	0.039J	NA	0.042J	0.10U	0.1U	NA
SULFATE	250	mg/L	[1110]	[1080]	[1520]	[1430]	[1330]	[1200]
TOTAL ORGANIC CARBON	NC	mg/L	1.0J	1.0U	4	1.0R	0.68J	0.19U
TOTAL DISSOLVED SOLIDS	NC	mg/L	49400J	68900	59600	71000	73500	58000
TOTAL PHENOLS	0.001(S)	mg/L	0.20UJ	0.2U	0.20U	0.2U	0.20U	0.0062U

Notes:

U - Non detect; J - estimated value; R - rejected value;

EMPC - estimated maximum possible concentration; K - congener estimated maximum possible concentration.

NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 30
Honeywell
SCA Hydrogeologic Investigation
Bedrock Monitoring Wells
Other Data

	Field Sample ID	SCA-0039-04	SCA-0046-04	SCA-0055-07	SCA-0004-06	SCA-0011-02	SCA-0020-03	
	Location	SB915-MW-89BR	SB915-MW-89BR	SB915-MW-89BR	SB915-MW-90BR	SB915-MW-90BR	SB915-MW-90BR	
	Sample Date	3/16/2012	5/9/2012	7/14/2012	3/15/2011	6/27/2011	9/23/2011	
	Sample Depth	118-128 FT	118-128 FT	118-128 FT	119.5-129.5 FT	119.5-129.5 FT	119.5-129.5 FT	
	Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	
Parameter Name	New York State Class GA Standards	Units	Units	Units	Units	Units	Units	
ALKALINITY, TOTAL (AS CaCO3)	NC	mg/L	30.4	47.5J	36.4	57.9	52.9	60.4J
TOTAL ALKALINITY	NC	mg/L				NA	NA	NA
BICARBONATE ALKALINITY	NC	mg/L	30.5	NA	NA	NA	NA	NA
BICARBONATE ALKALINITY AS CaCO3	NC	mg/L	NA	108J	36.4	NA	NA	NA
CARBONATE ALKALINITY	NC	mg/L	NA	NA	NA	NA	NA	NA
ALKALINITY, CARBONATE (AS CaCO3)	NC	mg/L	5U	5.0U	5.0U	NA	NA	NA
BIOCHEMICAL OXYGEN DEMAND, FIVE DAY	NC	mg/L	5.0U	2.4J	1.4J	270	5.0U	3.4U
BROMIDE	2(G)	mg/L	[403]	[428]	[357]	[196J]	[233]	[217]
CHLORIDE	250	mg/L	[37900]	[38400]	[37600]	[21400]	[22300]	[21300]
CHEMICAL OXYGEN DEMAND	NC	mg/L	425	3360	1890	1610	1950	1430
HARDNESS (AS CaCO3)	NC	mg/L	2580	23300	24900	14400	14400J	16700J
NITROGEN, AMMONIA (AS N)	NC	mg/L	44	39.6	44.8J	9.9	15.5	11
NITROGEN, KJELDAHL, TOTAL	NC	mg/L	4.0J	229	17.9	7.2	3.4	1.2J
NITRATE	10(S)	mg/L	NA	0.021J	NA	NA	NA	NA
NITROGEN, NITRATE (AS N)	10(S)	mg/L	NA	NA	0.021J	0.038J	0.11U	0.11U
NITRITE	1(S)	mg/L	0.010U	NA	NA	NA	NA	NA
NITROGEN, NITRITE	10(S)	mg/L	NA	0.010U	0.010U	0.010U	0.010U	0.010U
NITROGEN, NITRATE-NITRITE	10(S)	mg/L	NA	0.021J	0.021J	0.038J	0.10U	0.1U
SULFATE	250	mg/L	[1370]	[1380]	[1310]	[1570]	[1350]	[1400]
TOTAL ORGANIC CARBON	NC	mg/L	0.47J	0.48J	1.0U	1N	1U	0.65J
TOTAL DISSOLVED SOLIDS	NC	mg/L	35300J	85300J	76600	25000	38400	42400
TOTAL PHENOLS	0.001(S)	mg/L	0.2U	0.20U	0.20U	0.20U	0.20U	0.2U

Notes:

U - Non detect; J - estimated value; R - rejected value;

EMPC - estimated maximum possible concentration; K - congener estimated maximum possible concentration.

NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 30
Honeywell
SCA Hydrogeologic Investigation
Bedrock Monitoring Wells
Other Data

Parameter Name	New York State Class GA Standards	Field Sample ID	SCA-0032-04	SCA-0040-04	SCA-0047-04	SCA-0056-04	SCA-0007-02	SCA-0012-05
		Location	SB915-MW-90BR	SB915-MW-90BR	SB915-MW-90BR	SB915-MW-90BR	SB915-MW-91BR	SB915-MW-91BR
		Sample Date	12/13/2011	3/19/2012	5/10/2012	7/17/2012	3/25/2011	6/28/2011
		Sample Depth	119.5-129.5 FT	119.5-129.5 FT	119.5-129.5 FT	119.5-129.5 FT	197-207 FT	197-207 FT
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Units						
ALKALINITY, TOTAL (AS CaCO3)	NC	mg/L	NA	61.4	62.1J	55.2	47.1	68.9
TOTAL ALKALINITY	NC	mg/L	67				NA	NA
BICARBONATE ALKALINITY	NC	mg/L	NA	61.4	NA	NA	46.8	NA
BICARBONATE ALKALINITY AS CaCO3	NC	mg/L	67	NA	62.1J	55.1	NA	NA
CARBONATE ALKALINITY	NC	mg/L	NA	NA	NA	NA	0.27J	NA
ALKALINITY, CARBONATE (AS CaCO3)	NC	mg/L	0.41U	5U	5.0U	5.0U	NA	NA
BIOCHEMICAL OXYGEN DEMAND, FIVE DAY	NC	mg/L	0.79U	5.0U	1.9J	0.84J	142	29
BROMIDE	2(G)	mg/L	[170]	[243]	[222]	[209]	[188]	[360J]
CHLORIDE	250	mg/L	[22000]	[21500]	[23100]	[22700]	[79800]	[74600]
CHEMICAL OXYGEN DEMAND	NC	mg/L	1700J	944	978	826	3780	3210
HARDNESS (AS CaCO3)	NC	mg/L	15000	14600	15800	15000	11600	9500J
NITROGEN, AMMONIA (AS N)	NC	mg/L	13J	12.5	11.9	10.6	16.4	18.3
NITROGEN, KJELDAHL, TOTAL	NC	mg/L	14	9.0J	13.9J	11.0J	1.8	0.28J
NITRATE	10(S)	mg/L	NA	NA	0.11U	NA	0.11U	NA
NITROGEN, NITRATE (AS N)	10(S)	mg/L	2.1U	NA	NA	NA	NA	0.056J
NITRITE	1(S)	mg/L	NA	0.010U	NA	NA	NA	NA
NITROGEN, NITRITE	10(S)	mg/L	NA	NA	0.010U	0.010U	0.0025J	0.0027J
NITROGEN, NITRATE-NITRITE	10(S)	mg/L	NA	NA	0.10U	NA	0.10U	0.059J
SULFATE	250	mg/L	[1300]	[1430]	[1430]	[1360]	[3060]	[3130]
TOTAL ORGANIC CARBON	NC	mg/L	0.19U	1U	1U	1.0U	4.7	8
TOTAL DISSOLVED SOLIDS	NC	mg/L	44000	38500	47100	44700	107000J	80600
TOTAL PHENOLS	0.001(S)	mg/L	0.0062U	0.2U	0.20U	0.20U	0.2U	0.20U

Notes:

U - Non detect; J - estimated value; R - rejected value;

EMPC - estimated maximum possible concentration; K - congener estimated maximum possible concentration.

NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 30
Honeywell
SCA Hydrogeologic Investigation
Bedrock Monitoring Wells
Other Data

Parameter Name	New York State Class GA Standards	Field Sample ID	SCA-0017-01	SCA-0028-05	SCA-0036-05	SCA-0045-05	SCA-0057-03	SCA-0007-01
		Location	SB915-MW-91BR	SB915-MW-91BR	SB915-MW-91BR	SB915-MW-91BR	SB915-MW-91BR	SB915-MW-92BR
		Sample Date	9/21/2011	12/7/2011	3/13/2012	5/8/2012	7/18/2012	3/25/2011
		Sample Depth	197-207 FT	197-207 FT	197-207 FT	197-207 FT	197-207 FT	184-194 FT
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Units						
ALKALINITY, TOTAL (AS CaCO ₃)	NC	mg/L	31.8J	NA	39.5	41.9J	26.4	40.9
TOTAL ALKALINITY	NC	mg/L	NA	29				NA
BICARBONATE ALKALINITY	NC	mg/L	NA	NA	38	NA	NA	40.8
BICARBONATE ALKALINITY AS CaCO ₃	NC	mg/L	NA	29	NA	40.2J	26	NA
CARBONATE ALKALINITY	NC	mg/L	NA	NA	NA	NA	NA	0.040J
ALKALINITY, CARBONATE (AS CaCO ₃)	NC	mg/L	NA	0.41U	5U	5.0U	5.0U	NA
BIOCHEMICAL OXYGEN DEMAND, FIVE DAY	NC	mg/L	8.5J	12	10.3	11.0J	8.4	130
BROMIDE	2(G)	mg/L	[258J]	[110]	[235]	[305]	[192]	[243]
CHLORIDE	250	mg/L	[73700]	[74000]	[81400]	[75200]	[81200]	[29700]
CHEMICAL OXYGEN DEMAND	NC	mg/L	1160	13000J	733	5460	17500	1560
HARDNESS (AS CaCO ₃)	NC	mg/L	11700	12000	11100	11700	11700	16700
NITROGEN, AMMONIA (AS N)	NC	mg/L	13.1	18	12.5	17.6	14.3	19.4
NITROGEN, KJELDAHL, TOTAL	NC	mg/L	0.99	15	0.49J	77.4	14.6J	15.8
NITRATE	10(S)	mg/L	NA	NA	0.026J	0.24J	NA	0.052J
NITROGEN, NITRATE (AS N)	10(S)	mg/L	0.060J	4.3U	NA	NA	0.11U	NA
NITRITE	1(S)	mg/L	NA	NA	0.0059J	NA	NA	NA
NITROGEN, NITRITE	10(S)	mg/L	0.010U	NA	NA	0.0083J	0.014	0.0022J
NITROGEN, NITRATE-NITRITE	10(S)	mg/L	0.060J	NA	0.032J	0.25J	0.010U	0.054J
SULFATE	250	mg/L	[3180]	[2600]	[3320]	[3000]	[2920]	[1300]
TOTAL ORGANIC CARBON	NC	mg/L	3.2	3.1J	5.7	6.1J	3.5J	1.6
TOTAL DISSOLVED SOLIDS	NC	mg/L	117000J	120000	73100	111000J	120000	48100
TOTAL PHENOLS	0.001(S)	mg/L	0.2U	0.0062U	0.20U	0.20UJ	0.20U	0.2U

Notes:

U - Non detect; J - estimated value; R - rejected value;

EMPC - estimated maximum possible concentration; K - congener estimated maximum possible concentration.

NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 30
Honeywell
SCA Hydrogeologic Investigation
Bedrock Monitoring Wells
Other Data

	Field Sample ID	SCA-0010-05	SCA-0017-02	SCA-0028-07	SCA-0037-05	SCA-0046-07	SCA-0057-04	
	Location	SB915-MW-92BR	SB915-MW-92BR	SB915-MW-92BR	SB915-MW-92BR	SB915-MW-92BR	SB915-MW-92BR	
	Sample Date	6/24/2011	9/21/2011	12/7/2011	3/14/2012	5/9/2012	7/18/2012	
	Sample Depth	184-194 FT	184-194 FT	184-194 FT	184-194 FT	184-194 FT	184-194 FT	
	New York State Class GA Standards	Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	
Parameter Name	Units							
ALKALINITY, TOTAL (AS CaCO ₃)	NC	mg/L	43.2	32.9J	NA	47.5	58.7J	48.8
TOTAL ALKALINITY	NC	mg/L	NA	NA	44			
BICARBONATE ALKALINITY	NC	mg/L	NA	NA	NA	NA	NA	NA
BICARBONATE ALKALINITY AS CaCO ₃	NC	mg/L	NA	NA	44	47.5	5.0U	48.7
CARBONATE ALKALINITY	NC	mg/L	NA	NA	NA	NA	NA	NA
ALKALINITY, CARBONATE (AS CaCO ₃)	NC	mg/L	NA	NA	0.41U	5U	5.0U	5.0U
BIOCHEMICAL OXYGEN DEMAND, FIVE DAY	NC	mg/L	5.0U	0.34U	0.79U	5.0U	3J	3.4U
BROMIDE	2(G)	mg/L	[262J]	[207]	[210]	[265]	[251]	[218]
CHLORIDE	250	mg/L	[26600]	[26000]	[28000]	[28700]	[27800]	[25600]
CHEMICAL OXYGEN DEMAND	NC	mg/L	2270J	288	2100J	2920	1260	3780
HARDNESS (AS CaCO ₃)	NC	mg/L	15200	16400	22000	21800	15000	15300
NITROGEN, AMMONIA (AS N)	NC	mg/L	22	17	21	16.6	23	18.2
NITROGEN, KJELDAHL, TOTAL	NC	mg/L	20.4	1.1	22	16.1J	115	19.8J
NITRATE	10(S)	mg/L	NA	NA	NA	NA	0.054J	NA
NITROGEN, NITRATE (AS N)	10(S)	mg/L	0.041J	0.057J	2.1U	NA	NA	0.11U
NITRITE	1(S)	mg/L	NA	NA	NA	0.010U	NA	NA
NITROGEN, NITRITE	10(S)	mg/L	0.010U	0.010U	NA	NA	0.010U	0.010U
NITROGEN, NITRATE-NITRITE	10(S)	mg/L	0.041J	0.057J	NA	NA	0.054J	0.010U
SULFATE	250	mg/L	[1540]	[1450]	[1400]	[1690]	[1480]	[1410]
TOTAL ORGANIC CARBON	NC	mg/L	1U	1U	0.19UJ	0.60J	0.99J	1.0U
TOTAL DISSOLVED SOLIDS	NC	mg/L	45500	45500	49000	45100	53800J	49300
TOTAL PHENOLS	0.001(S)	mg/L	0.20UJ	0.2U	0.0062U	0.2U	0.20U	0.20U

Notes:

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EMPC - estimated maximum possible concentration; K - congener estimated maximum possible concentration.

NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 30
Honeywell
SCA Hydrogeologic Investigation
Bedrock Monitoring Wells
Other Data

		Field Sample ID	SCA-0014-03	SCA-0033-04	SCA-0041-06	SCA-0049-04	SCA-0054-05
		Location	SB915-MW-93BR	SB915-MW-93BR	SB915-MW-93BR	SB915-MW-93BR	SB915-MW-93BR
		Sample Date	9/19/2011	12/14/2011	3/20/2012	5/14/2012	7/13/2012
	New York State	Sample Depth	142-152 FT	142-152 FT	142-152 FT	142-152 FT	142-152 FT
	Class GA	Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
Parameter Name	Standards	Units					
ALKALINITY, TOTAL (AS CaCO ₃)	NC	mg/L	26.5J	NA	20	31.5	27.6
TOTAL ALKALINITY	NC	mg/L	NA	40			
BICARBONATE ALKALINITY	NC	mg/L	26.5J	NA	NA	NA	NA
BICARBONATE ALKALINITY AS CaCO ₃	NC	mg/L	NA	40	20.1	31.5	27.6
CARBONATE ALKALINITY	NC	mg/L	5.0U	NA	NA	NA	NA
ALKALINITY, CARBONATE (AS CaCO ₃)	NC	mg/L	NA	0.41U	5.0U	5.0U	5.0U
BIOCHEMICAL OXYGEN DEMAND, FIVE DAY	NC	mg/L	3.9J	0.79U	3.8J	1.2J	2.7J
BROMIDE	2(G)	mg/L	[658]	[540]	[657]	[812]	[541]
CHLORIDE	250	mg/L	[63400J]	[69000]	[61900]	[72500]	[74200]
CHEMICAL OXYGEN DEMAND	NC	mg/L	2260	11000J	6840	5810	5780
HARDNESS (AS CaCO ₃)	NC	mg/L	42900	47000	47600	40900J	43600
NITROGEN, AMMONIA (AS N)	NC	mg/L	42	47J	44	37.4	46.8J
NITROGEN, KJELDAHL, TOTAL	NC	mg/L	1.7	38	5.8J	47.5J	24.4J
NITRATE	10(S)	mg/L	NA	NA	0.028J	0.052J	0.017J
NITROGEN, NITRATE (AS N)	10(S)	mg/L	0.069J	4.3U	NA	NA	NA
NITRITE	1(S)	mg/L	NA	NA	0.010U	NA	NA
NITROGEN, NITRITE	10(S)	mg/L	0.010U	NA	NA	0.010U	0.010U
NITROGEN, NITRATE-NITRITE	10(S)	mg/L	0.069J	NA	0.028J	0.052J	0.017J
SULFATE	250	mg/L	[875]	[930]	[1380]	[2010]	[1350]
TOTAL ORGANIC CARBON	NC	mg/L	1U	0.38U	0.43J	1.0U	1U
TOTAL DISSOLVED SOLIDS	NC	mg/L	114000J	120000	128000	170000J	150000
TOTAL PHENOLS	0.001(S)	mg/L	0.20U	0.0062U	0.2U	0.20U	0.20U

Notes:

U - Non detect; J - estimated value; R - rejected value;

EMPC - estimated maximum possible concentration; K - congener estimated maximum possible concentration.

NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 31
Honeywell
SCA Hydrogeologic Investigation
Bedrock Monitoring Wells
Method 8290 Dioxin/Furan Data

Parameter Name	New York State Class GA Standards	Field Sample ID	SCA-0001-04	SCA-0002-04	SCA-0003-04	SCA-0004-06	SCA-0007-02	SCA-0007-01
		Location	SB915-MW-87BR	SB915-MW-88BR	SB915-MW-89BR	SB915-MW-90BR	SB915-MW-91BR	SB915-MW-92BR
		Sample Date	3/10/2011	3/11/2011	3/14/2011	3/15/2011	3/25/2011	3/25/2011
		Sample Depth	119-129 FT	100-110 FT	118-128 FT	119.5-129.5 FT	197-207 FT	184-194 FT
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Units	pg/L	pg/L	pg/L	pg/L	pg/L	pg/L
1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	NC	pg/L	48.6U	49.4U	48.6U	49.6U	46.7U	49.0U
1,2,3,4,6,7,8-HPCDF	NC	pg/L	48.6U	49.4U	48.6U	49.6U	46.7U	49.0U
1,2,3,4,7,8,9-HPCDF	NC	pg/L	48.6U	49.4U	48.6U	49.6U	46.7U	49.0U
1,2,3,4,7,8-HXCDD	NC	pg/L	48.6U	49.4U	48.6U	49.6U	46.7U	49.0U
1,2,3,4,7,8-HXCDF	NC	pg/L	48.6U	49.4U	48.6U	49.6U	46.7UJ	49.0U
1,2,3,6,7,8-HXCDD	NC	pg/L	48.6U	49.4U	48.6U	49.6U	46.7U	49.0U
1,2,3,6,7,8-HXCDF	NC	pg/L	48.6U	49.4U	48.6U	49.6U	46.7UJ	49.0U
1,2,3,7,8,9-HXCDD	NC	pg/L	48.6U	49.4U	48.6U	49.6U	46.7U	49.0U
1,2,3,7,8,9-HXCDF	NC	pg/L	48.6U	49.4U	48.6U	49.6U	46.7UJ	49.0U
1,2,3,7,8-PECDD	NC	pg/L	48.6U	49.4U	48.6U	49.6U	46.7U	49.0U
1,2,3,7,8-PECDF	NC	pg/L	48.6U	49.4U	48.6U	49.6U	46.7U	49.0U
2,3,4,6,7,8-HXCDD	NC	pg/L	48.6U	49.4U	48.6U	49.6U	46.7UJ	49.0U
2,3,4,7,8-PECDF	NC	pg/L	48.6U	49.4U	48.6U	49.6U	46.7U	49.0U
2,3,7,8-TCDD	NC	pg/L	9.72U	9.87U	9.73U	9.92U	9.34U	9.79U
2,3,7,8-TCDF	NC	pg/L	9.72U	9.87U	9.73U	9.92U	9.34U	9.79U
OCDD	NC	pg/L	97.2U	98.7U	97.3U	3.08EMPC	93.4U	1.21EMPC
OCDF	NC	pg/L	97.2U	98.7U	97.3U	99.2U	93.4U	97.9U
TOTAL HPCDD	NC	pg/L	48.6U	49.4U	48.6U	49.6U	46.7U	49.0U
Total HpCDD + EMPC	NC	pg/L	48.6U	49.4U	48.6U	1.37EMPC	46.7U	49.0U
TOTAL HPCDF	NC	pg/L	48.6U	49.4U	48.6U	49.6U	46.7U	49.0U
Total HpCDF + EMPC	NC	pg/L	48.6U	49.4U	48.6U	49.6U	46.7U	49.0U
TOTAL HXCDD	NC	pg/L	48.6U	49.4U	48.6U	49.6U	46.7U	49.0U
Total HxCDD + EMPC	NC	pg/L	0.894EMPC	49.4U	48.6U	0.873EMPC	46.7U	49.0U
TOTAL HXCDF	NC	pg/L	48.6U	49.4U	48.6U	49.6U	46.7U	49.0U
Total HxCDF + EMPC	NC	pg/L	48.6U	49.4U	48.6U	49.6U	46.7U	49.0U
TOTAL PECDD	NC	pg/L	48.6U	49.4U	48.6U	49.6U	46.7U	49.0U
Total PeCDD + EMPC	NC	pg/L	48.6U	49.4U	48.6U	0.774EMPC	46.7U	49.0U
TOTAL PECDF	NC	pg/L	48.6U	49.4U	48.6U	49.6U	46.7U	49.0U
Total PeCDF + EMPC	NC	pg/L	48.6U	49.4U	48.6U	49.6U	46.7U	49.0U
TOTAL TCDD	NC	pg/L	9.72U	9.87U	9.73U	9.92U	9.34U	9.79U
Total TCDD + EMPC	NC	pg/L	9.72U	9.87U	1.36EMPC	1.31EMPC	9.34U	9.79U
Total TCDF	NC	pg/L	9.72U	9.87U	9.73U	9.92U	9.34U	9.79U
Total TCDF + EMPC	NC	pg/L	9.72U	9.87U	9.73U	9.92U	9.34U	9.79U

Notes:

U - Non detect; J - estimated value; R - rejected value;

EMPC - estimated maximum possible concentration; K - congener estimated maximum possible concentration.

NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

Table 31
Honeywell
SCA Hydrogeologic Investigation
Bedrock Monitoring Wells
Method 8290 Dioxin/Furan Data

Parameter Name	New York State Class GA Standards	Field Sample ID	SCA-0014-03
		Location	SB915-MW-93BR
		Sample Date	9/19/2011
		Sample Depth	142-152 FT
		Sample Purpose	Regular sample
		Units	
1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	NC	pg/L	47.6U
1,2,3,4,6,7,8-HPCDF	NC	pg/L	47.6U
1,2,3,4,7,8,9-HPCDF	NC	pg/L	47.6U
1,2,3,4,7,8-HXCDD	NC	pg/L	47.6U
1,2,3,4,7,8-HXCDF	NC	pg/L	47.6U
1,2,3,6,7,8-HXCDD	NC	pg/L	47.6U
1,2,3,6,7,8-HXCDF	NC	pg/L	47.6U
1,2,3,7,8,9-HXCDD	NC	pg/L	47.6U
1,2,3,7,8,9-HXCDF	NC	pg/L	47.6U
1,2,3,7,8-PECDD	NC	pg/L	47.6U
1,2,3,7,8-PECDF	NC	pg/L	47.6U
2,3,4,6,7,8-HXCDF	NC	pg/L	47.6U
2,3,4,7,8-PECDF	NC	pg/L	47.6U
2,3,7,8-TCDD	NC	pg/L	9.51U
2,3,7,8-TCDF	NC	pg/L	9.51U
OCDD	NC	pg/L	95.1U
OCDF	NC	pg/L	95.1U
TOTAL HPCDD	NC	pg/L	47.6U
Total HpCDD + EMPC	NC	pg/L	47.6U
TOTAL HPCDF	NC	pg/L	47.6U
Total HpCDF + EMPC	NC	pg/L	47.6U
TOTAL HXCDD	NC	pg/L	47.6U
Total HxCDD + EMPC	NC	pg/L	47.6U
TOTAL HXCDF	NC	pg/L	47.6U
Total HxCDF + EMPC	NC	pg/L	47.6U
TOTAL PECDD	NC	pg/L	47.6U
Total PeCDD + EMPC	NC	pg/L	47.6U
TOTAL PECDF	NC	pg/L	47.6U
Total PeCDF + EMPC	NC	pg/L	47.6U
TOTAL TCDD	NC	pg/L	9.51U
Total TCDD + EMPC	NC	pg/L	9.51U
Total TCDF	NC	pg/L	9.51U
Total TCDF + EMPC	NC	pg/L	9.51U

Notes:

U - Non detect; J - estimated value; R - rejected value;

EMPC - estimated maximum possible concentration; K - congener estimated maximum possible concentration.

NYS Class GA Ground Water Criteria obtained from NYSDEC Ambient Water Quality Standard and Guidance Values (June 1998, April 2000 Addendum). [] - Exceeds standard or guidance value.

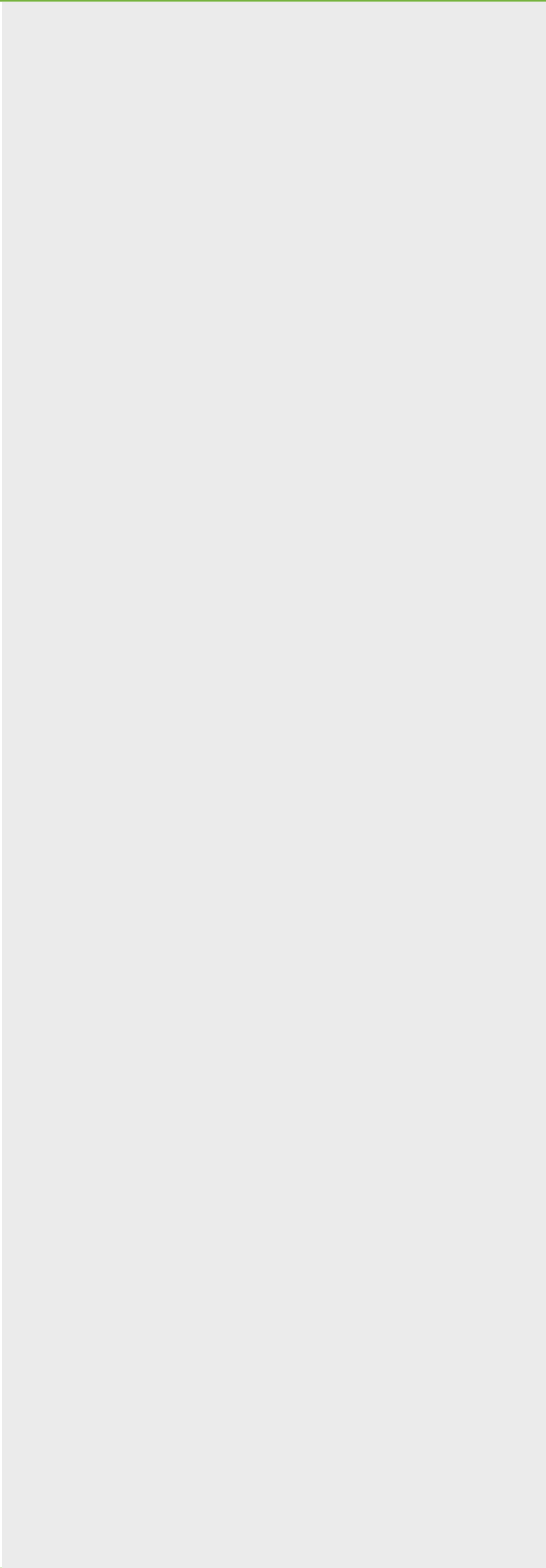
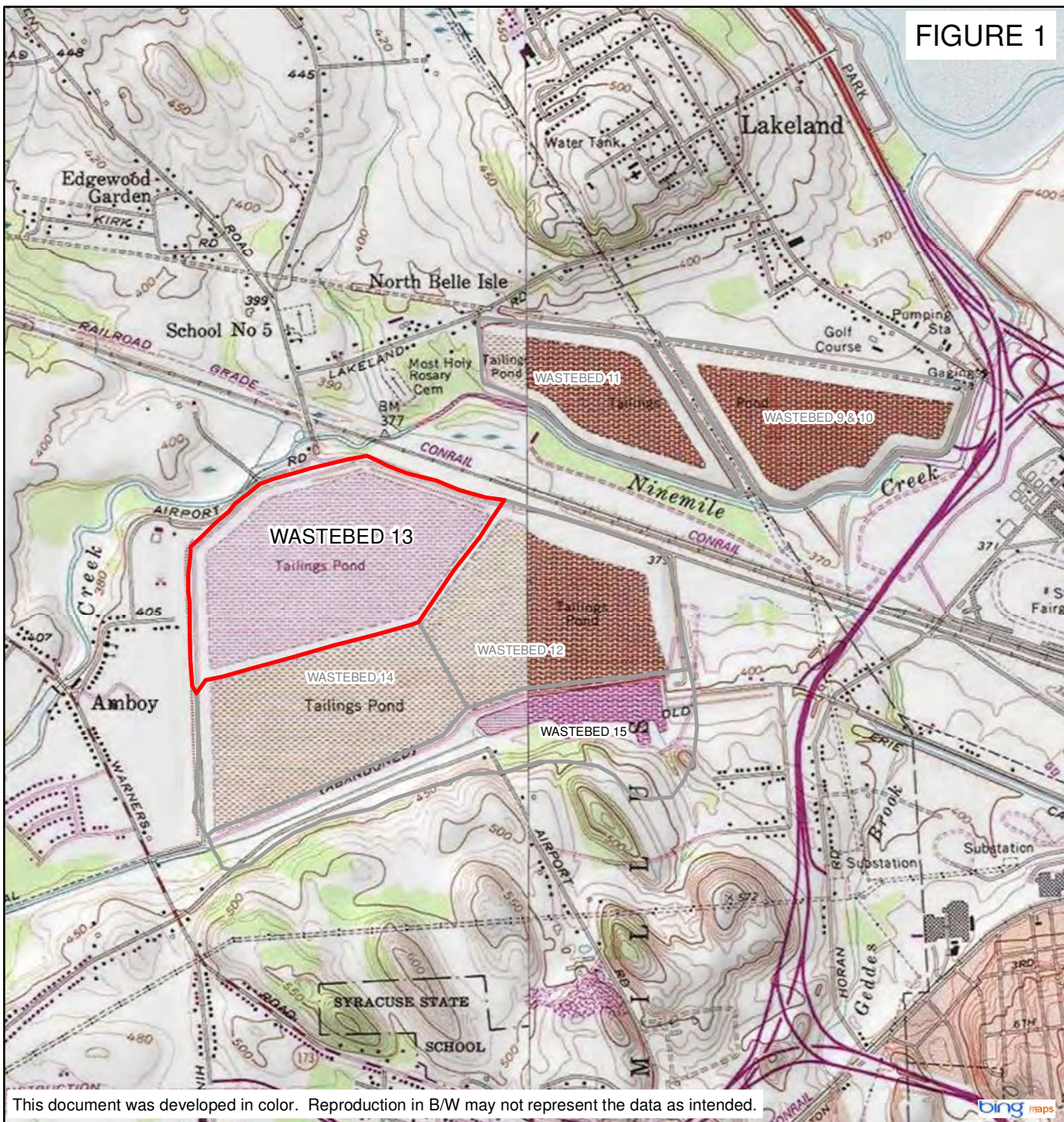


FIGURE 1



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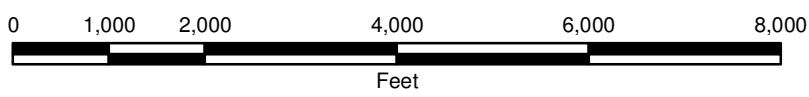
This document was developed in color. Reproduction in B/W may not represent the data as intended.

ADAPTED FROM: (BING) USGS QUADRANGLE

HONEYWELL
 SETTLING BASINS 9-15
 GEDDES AND CAMILLUS, NY



SITE LOCATION



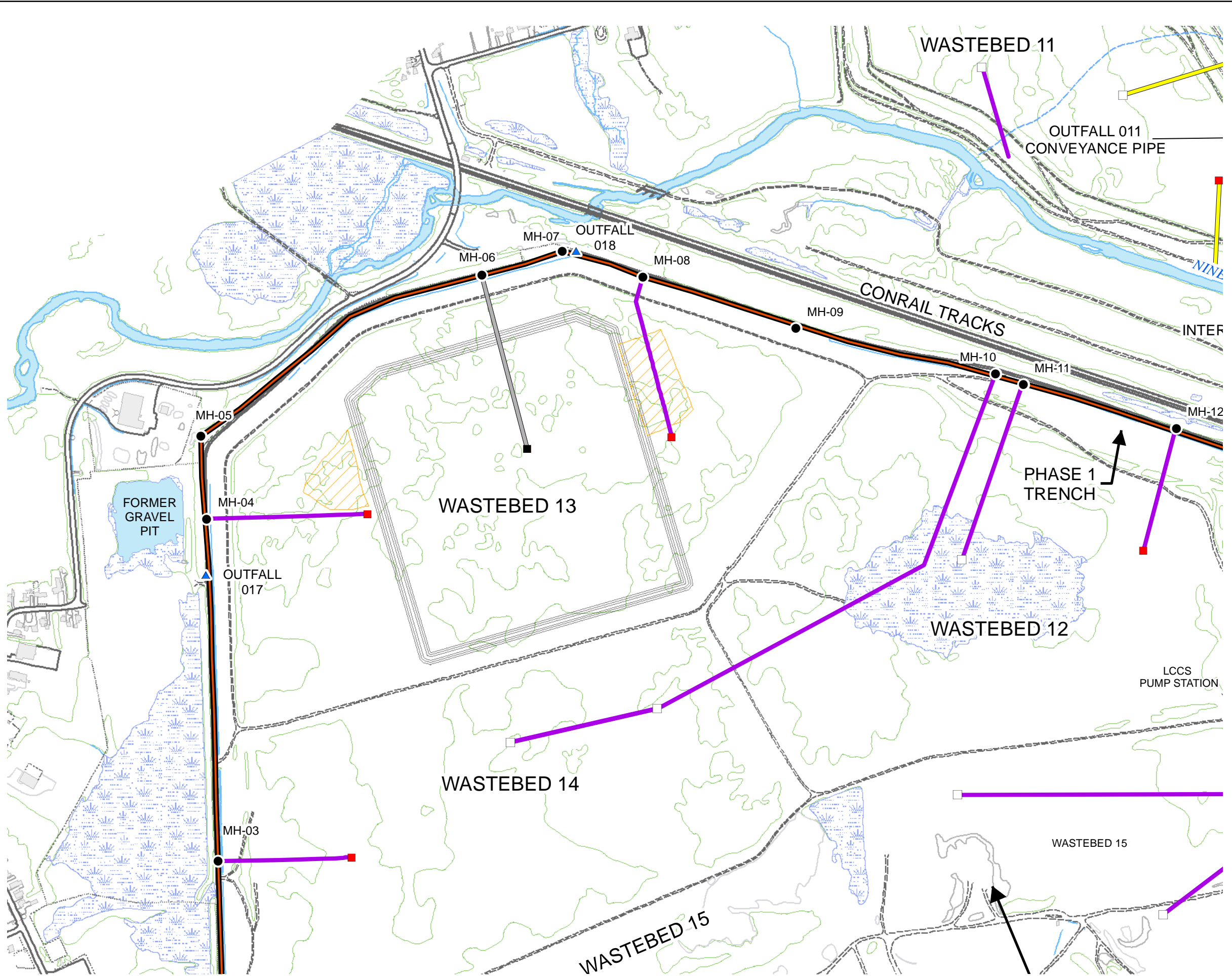


FIGURE 2

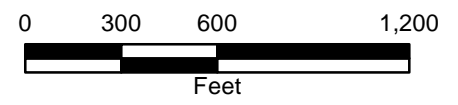


LEGEND

- SCA
- ABANDONED WEIR BOX
- WEIR BOX (NOT FOUND)
- WEIR BOX
- OUTFALL
- MANHOLES
- LCCS
- DRAINAGE SWALE
- OVERFLOW PIPE**
- NOT FOUND
- FOUND
- DECOMMISSIONED WEIR
- APPROXIMATE LOCATION OF EAST & WEST POND

HONEYWELL
WASTEBEDS 9-15
GEDDES AND CAMILLUS, NY

SITE PLAN



SEPTEMBER 2012
1163.46698



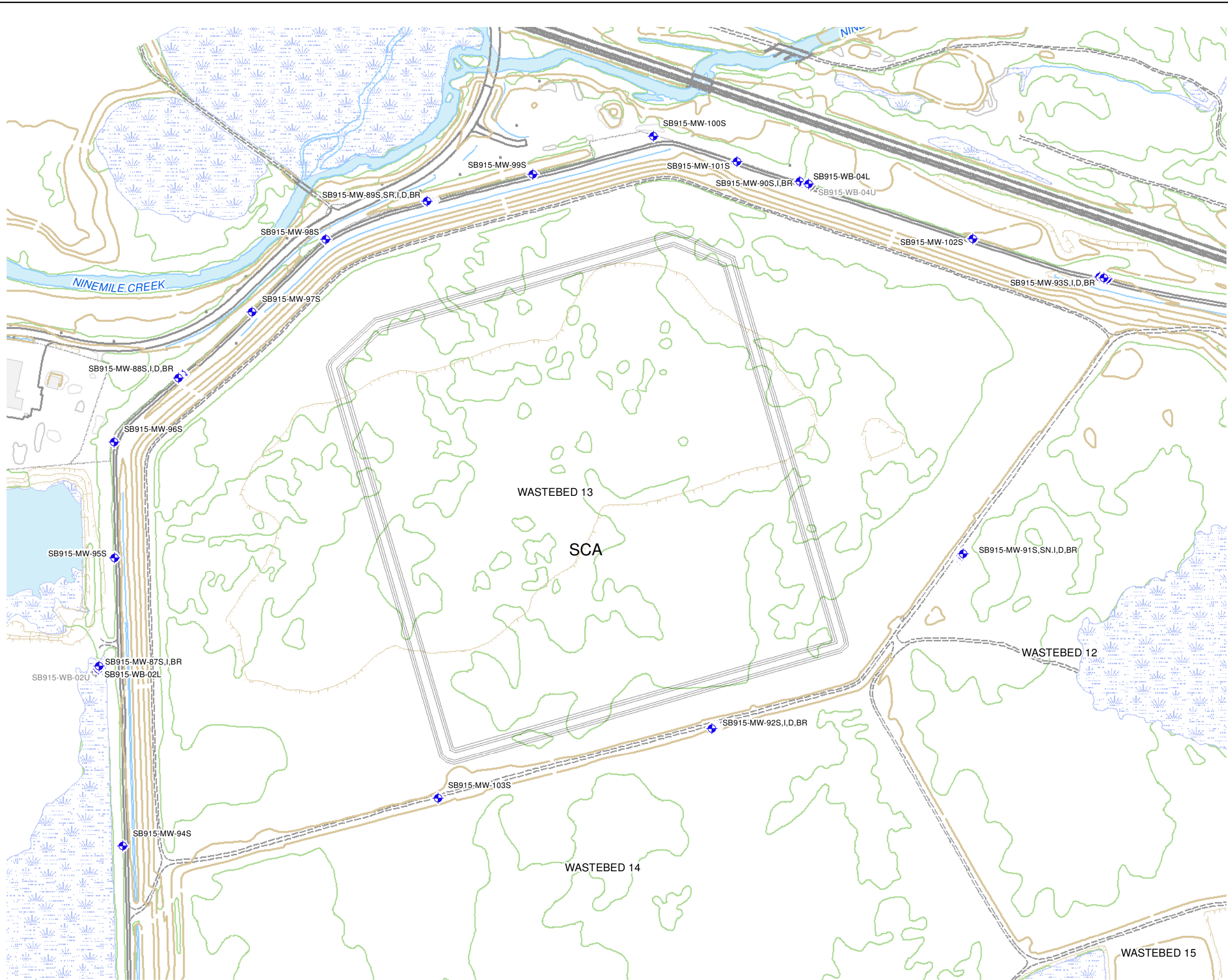





FIGURE 3



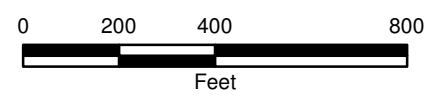
LEGEND

-  SCA MONITORING WELL
-  HISTORIC MONITORING WELL
-  PROPOSED SCA

NOTE: HISTORIC WELLS SB915-WB-2U AND 4U SAMPLED INITIALLY. SAMPLE LOCATIONS CHANGED TO SB915-MW-87S AND 90S, RESPECTIVELY, ONCE INSTALLED.

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GEDDES AND CAMILLUS, NY**

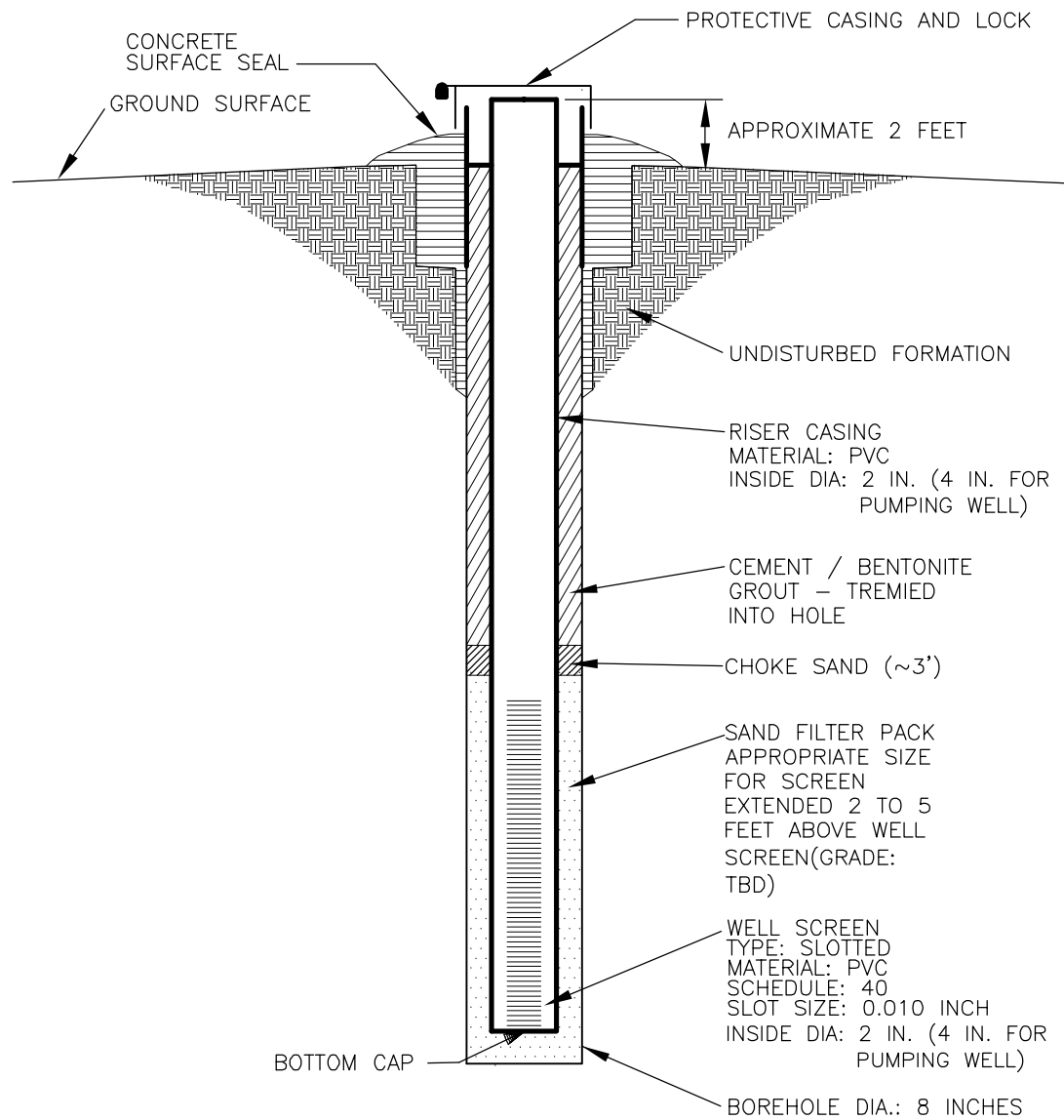
**SCA
SITE INVESTIGATION
MONITORING WELL
LOCATIONS**



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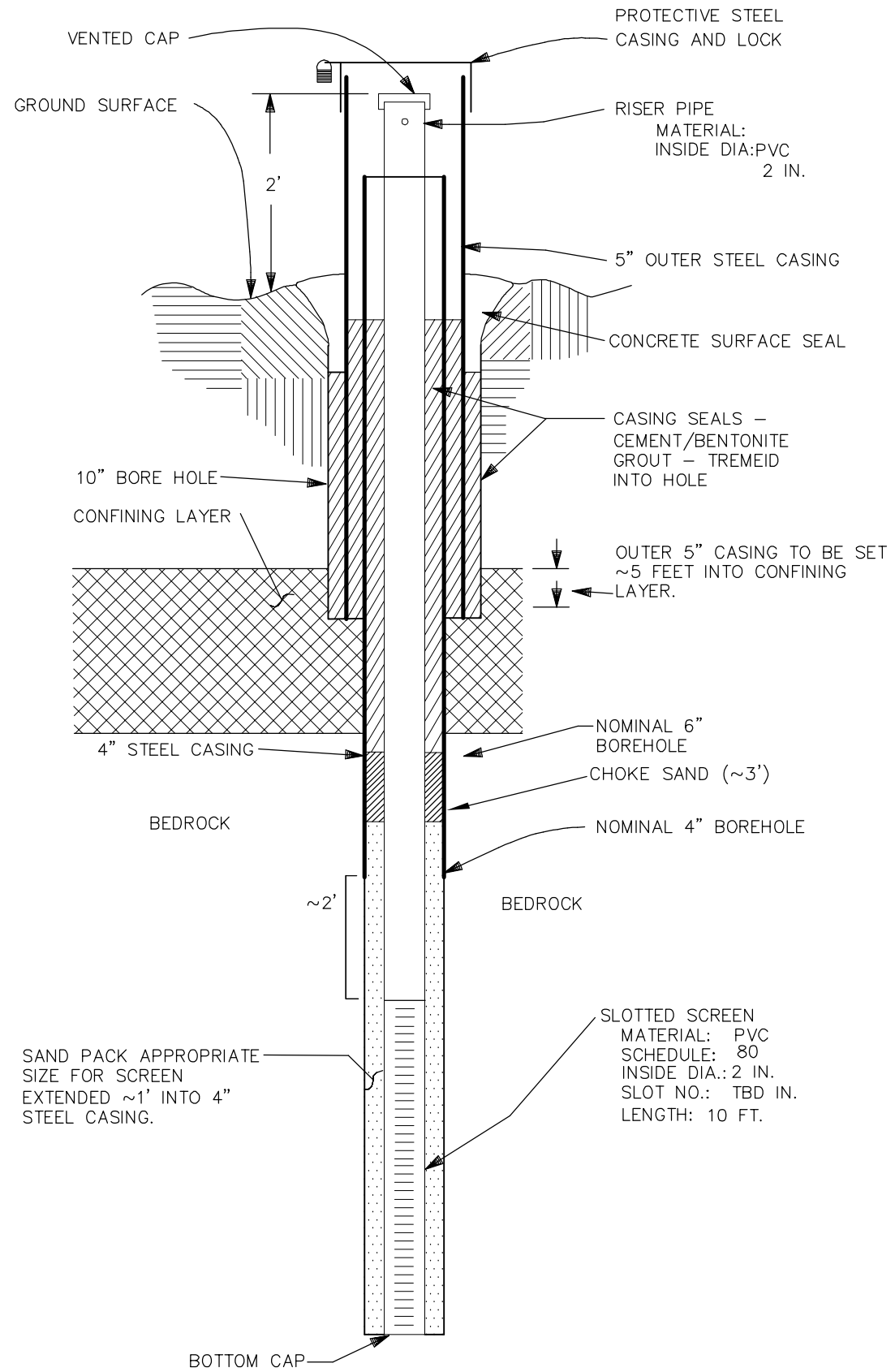


Apr 10, 2012 - 12:33pm



TYPICAL OVERBURDEN MONITORING WELL CONSTRUCTION DETAIL

NOT TO SCALE



BEDROCK WELL CONSTRUCTION DIAGRAM

NOT TO SCALE

HONEYWELL
WASTEBED 9-15
SCA HYDROGEO
INVESTIGATION
GEDDES AND CAMILLUS
NEW YORK

WELL CONSTRUCTION
DETAIL

NOT TO SCALE

FILE NO. 1163.46962
JUNE 2011



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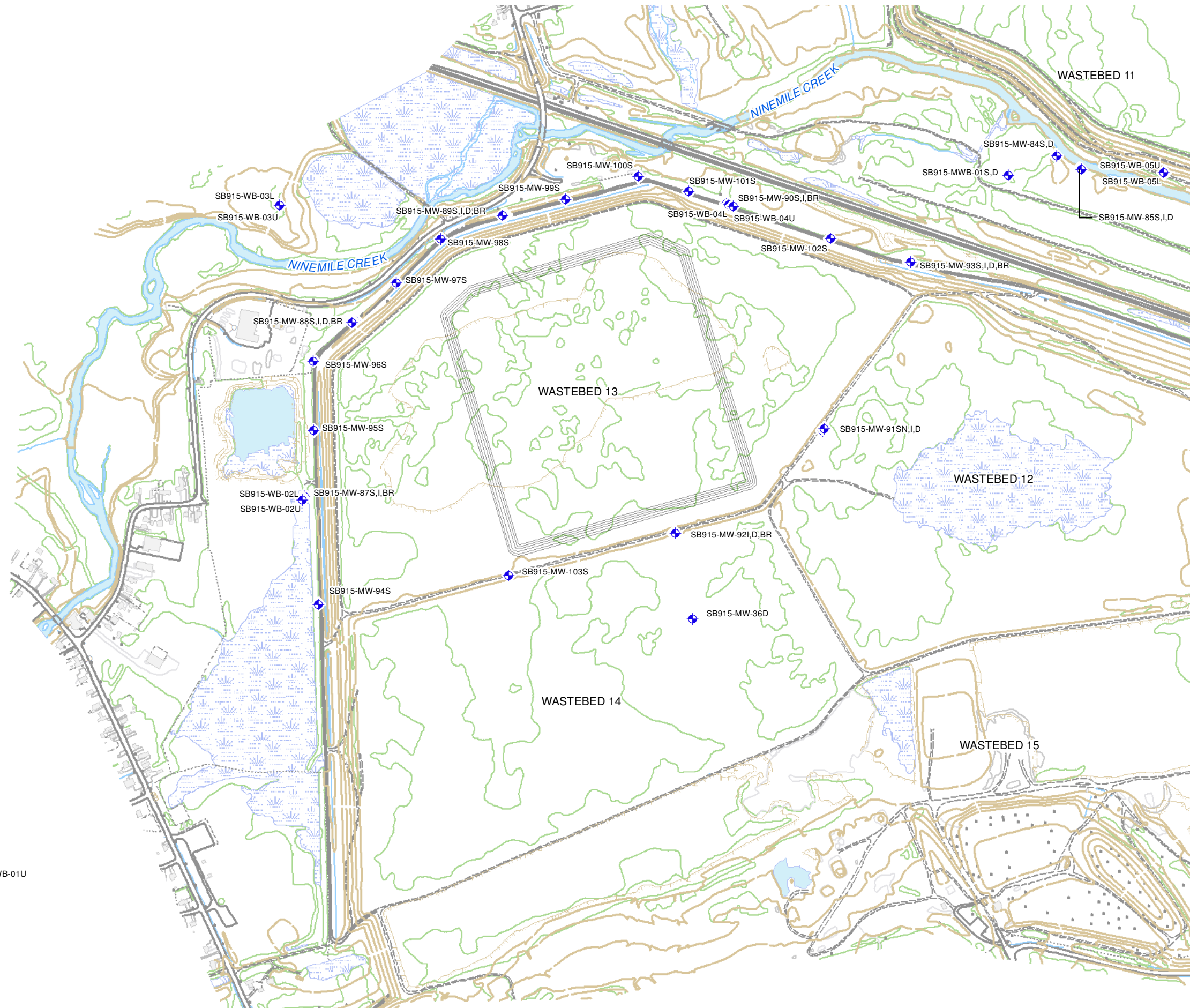





FIGURE 5-1



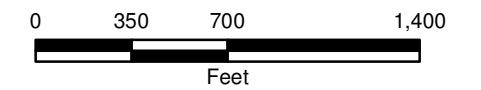
LEGEND

-  MONITORING WELL
-  PIEZOMETER
-  SCA

NOTE: WELLS SELECTED BASED ON SCREEN ELEVATION AND UNIT SCREENED.

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SETTLING BASINS 9-15
GEDDES AND CAMILLUS, NY**

**SCA
MONTHLY
GROUNDWATER ELEVATION
LOCATIONS**



DECEMBER 2011
1163.46698



FIGURE 5-2



LEGEND

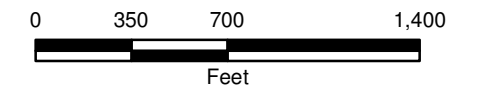
- MONITORING WELL
- GROUNDWATER CONTOUR
EQUIVALENT FRESH WATER HEAD
(FT AMSL)

SB915-MW-92I - LOCATION ID
 373.12 - GROUNDWATER ELEVATION (FTMSL)
 1.014 - SPECIFIC GRAVITY
 373.12 - EQUIVALENT FRESH WATER HEAD (FT AMSL)
 NA= NOT APPLICABLE

NOTE:
 - WELLS SELECTED BASED ON SCREEN ELEVATION AND UNIT SCREENED.
 - THE POTENTIOMETRIC CONTOURS DEPICTED ARE INTERPOLATED FROM CALCULATED EFH's.

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 GEDDES AND CAMILLUS, NY

SHALLOW NATIVE
 GROUNDWATER ELEVATIONS
 MARCH 2011



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 1163.46698

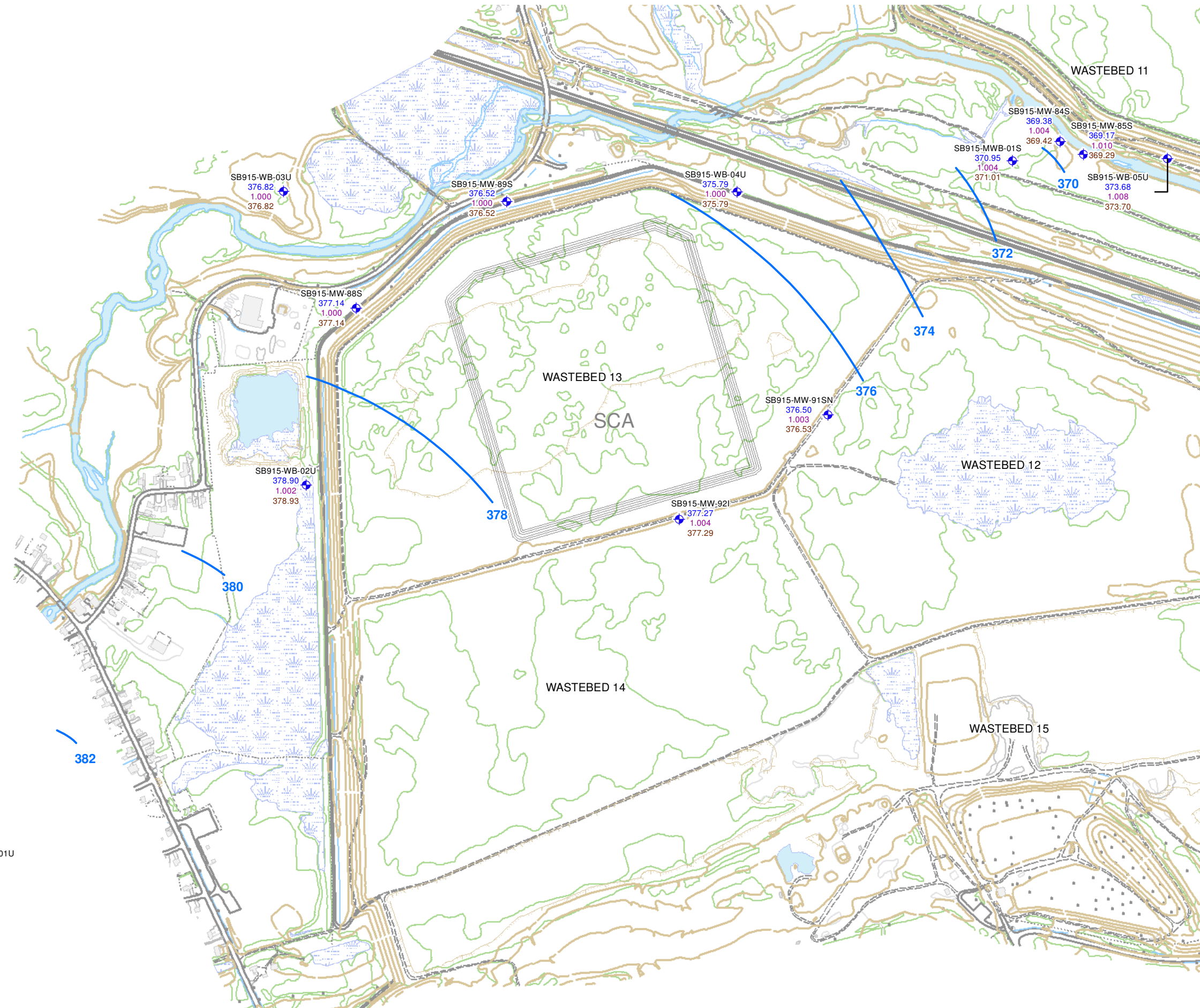


FIGURE 5-3



LEGEND

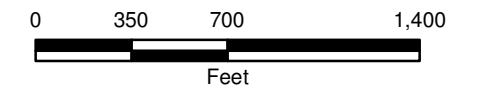
- MONITORING WELL
- GROUNDWATER CONTOUR
- EQUIVALENT FRESH WATER HEAD (FT AMSL)

- LOCATION ID
 SB915-MW-92I
 373.12 - GROUNDWATER ELEVATION (FTMSL)
 1.014 - SPECIFIC GRAVITY
 373.12 - EQUIVALENT FRESH WATER HEAD (FT AMSL)
 NA= NOT APPLICABLE

NOTE:
 - WELLS SELECTED BASED ON SCREEN ELEVATION AND UNIT SCREENED.
 - THE POTENTIOMETRIC CONTOURS DEPICTED ARE INTERPOLATED FROM CALCULATED EFH's.

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 GEDDES AND CAMILLUS, NY

SHALLOW NATIVE
 GROUNDWATER ELEVATIONS
 APRIL 2011



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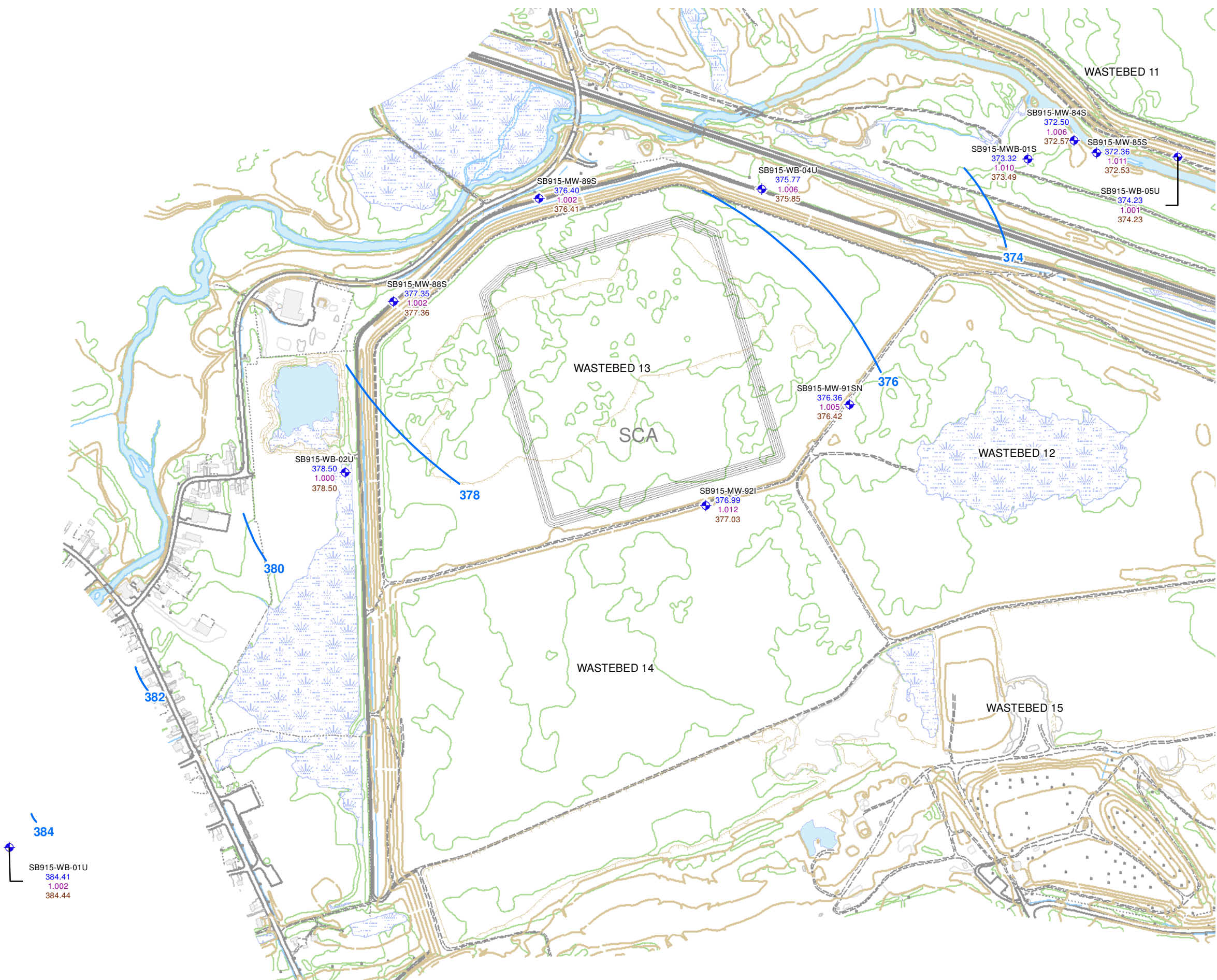


FIGURE 5-4



LEGEND

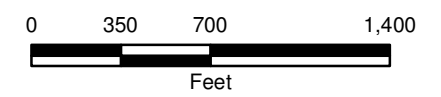
- NOT YET INSTALLED
- MONITORING WELL
- GROUNDWATER CONTOUR
- EQUIVALENT FRESH WATER HEAD (FT AMSL)

SB915-MW-92I - LOCATION ID
 376.75 - GROUNDWATER ELEVATION (FTMSL)
 1.012 - SPECIFIC GRAVITY
 376.79 - EQUIVALENT FRESH WATER HEAD (FT AMSL)
 NA= NOT APPLICABLE

NOTE:
 - WELLS SELECTED BASED ON SCREEN ELEVATION AND UNIT SCREENED.
 - THE POTENTIOMETRIC CONTOURS DEPICTED ARE INTERPOLATED FROM CALCULATED EFH's.

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 SETTLING BASINS 9-15
 GEDDES AND CAMILLUS, NY

SHALLOW NATIVE
 GROUNDWATER ELEVATIONS
 MAY 2011



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 1163.46698

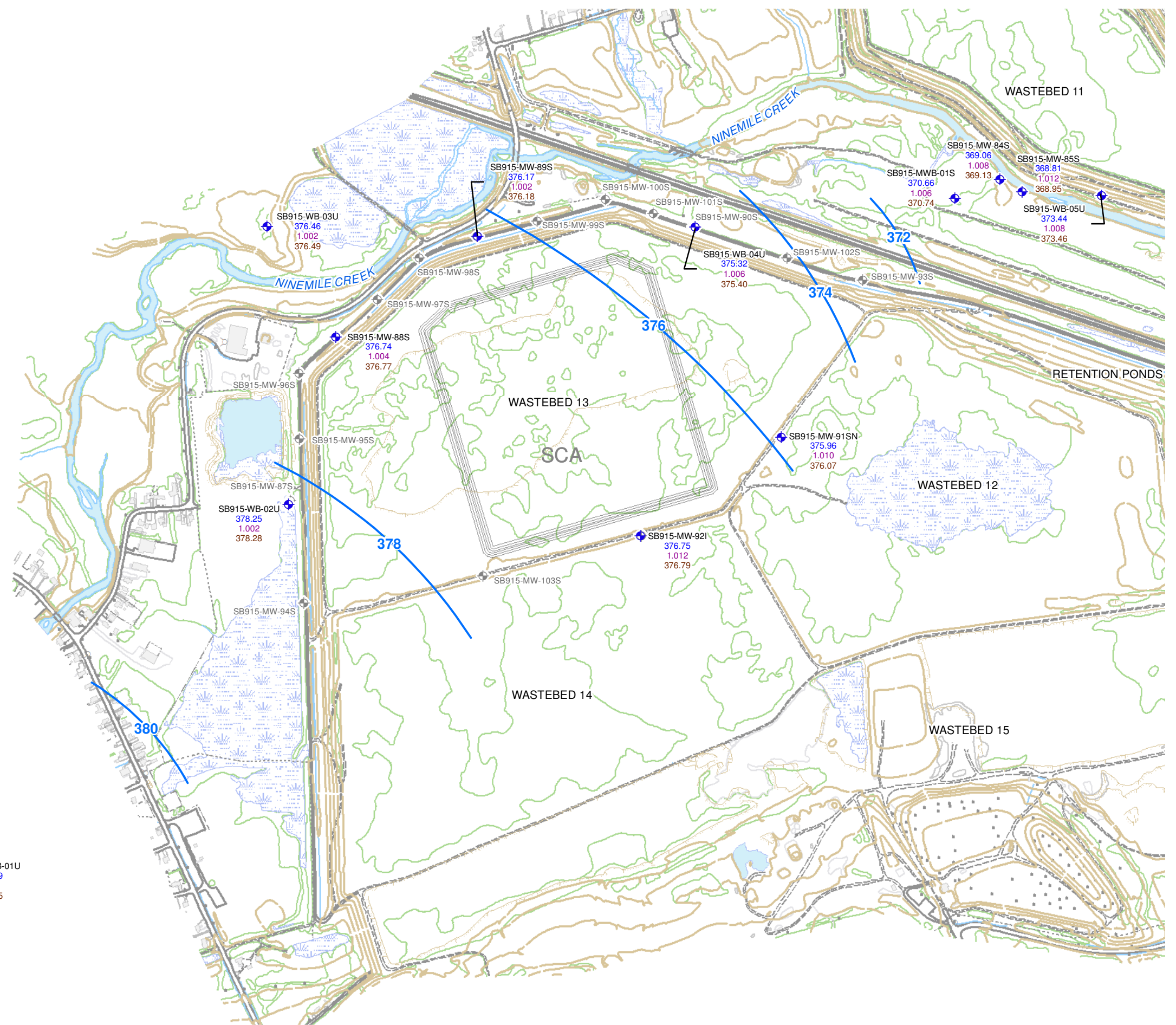


FIGURE 5-5



LEGEND

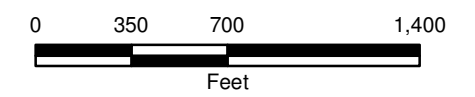
- NOT YET INSTALLED
- MONITORING WELL
- GROUNDWATER CONTOUR
- EQUIVALENT FRESH WATER HEAD (FT AMSL)

SB915-MW-92I	- LOCATION ID
374.42	- GROUNDWATER ELEVATION (FTMSL)
1.012	- SPECIFIC GRAVITY
374.43	- EQUIVALENT FRESH WATER HEAD (FT AMSL)
NA=	NOT APPLICABLE

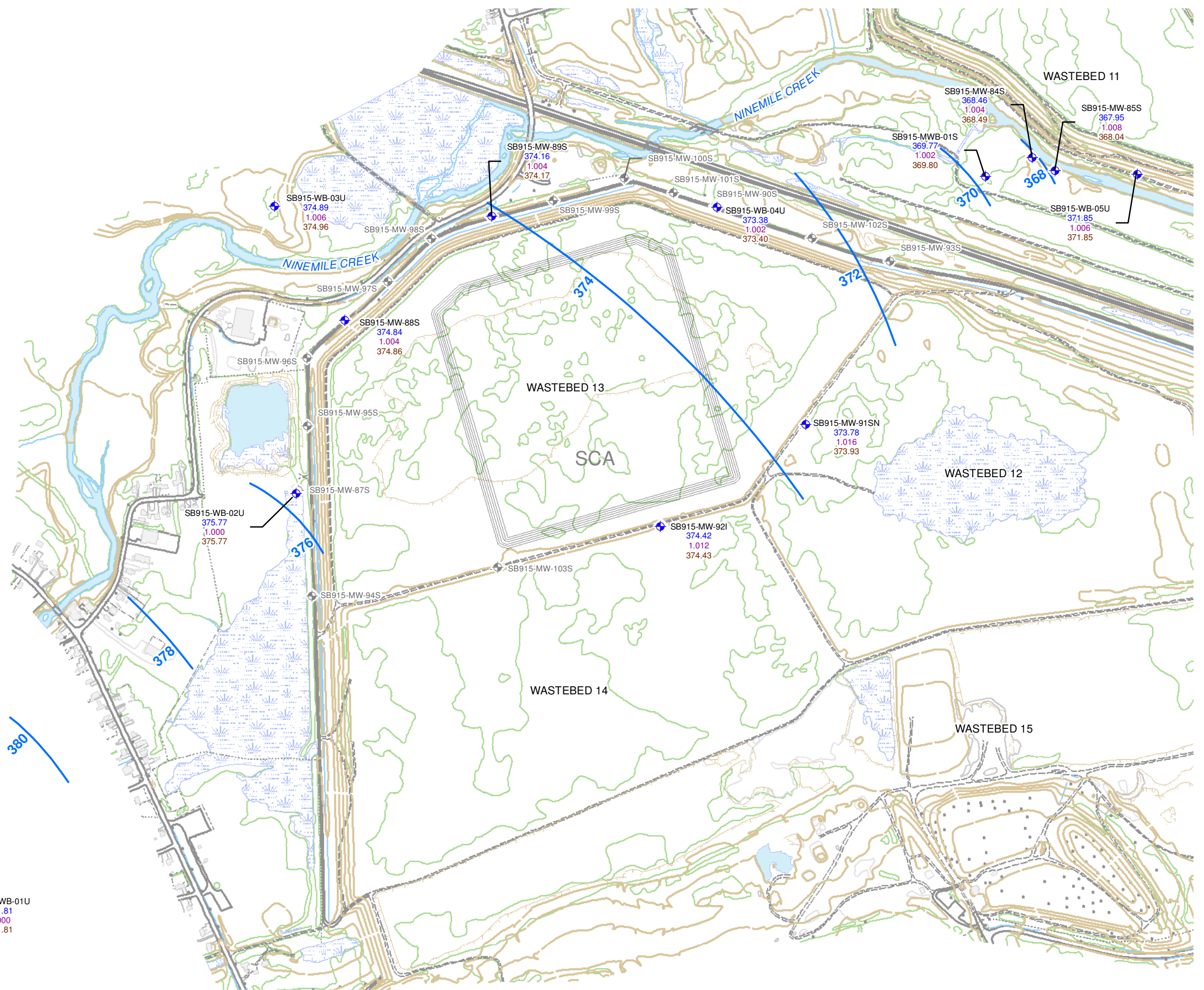
NOTE:
 - WELLS SELECTED BASED ON SCREEN ELEVATION AND UNIT SCREENED.
 - THE POTENTIOMETRIC CONTOURS DEPICTED ARE INTERPOLATED FROM CALCULATED EFH's.

HONEYWELL
 SETTLING BASINS 9-15
 GEDDES AND CAMILLUS, NY

SHALLOW NATIVE
 GROUNDWATER ELEVATIONS
 JUNE 2011



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SB915-WB-01U
 381.81
 1.000
 381.81

SB915-WB-02U
 375.77
 1.000
 375.77

SB915-WB-03U
 374.89
 1.006
 374.96

SB915-MW-88S
 374.84
 1.004
 374.86

SB915-MW-89S
 374.16
 1.004
 374.17

SB915-MW-92I
 374.42
 1.012
 374.43

SB915-MW-91SN
 373.78
 1.016
 373.93

SB915-MW-84S
 368.46
 1.004
 368.49

SB915-MW-85S
 367.95
 1.008
 368.04

SB915-WB-05U
 371.85
 1.006
 371.85

SB915-WB-04U
 373.38
 1.002
 373.40

SB915-MWB-01S
 369.77
 1.002
 369.80

SB915-MW-99S

SB915-MW-101S

SB915-MW-90S

SB915-MW-102S

SB915-MW-93S

SB915-MW-97S

SB915-MW-96S

SB915-MW-95S

SB915-MW-87S

SB915-MW-94S

SB915-MW-103S

FIGURE 5-6



LEGEND

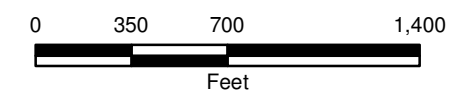
- NOT YET INSTALLED
- MONITORING WELL
- GROUNDWATER CONTOUR
- EQUIVALENT FRESH WATER HEAD (FT AMSL)

SB915-MW-92I - LOCATION ID
 374.42 - GROUNDWATER ELEVATION (FTMSL)
 1.012 - SPECIFIC GRAVITY
 374.43 - EQUIVALENT FRESH WATER HEAD (FT AMSL)
 NA= NOT APPLICABLE

NOTE:
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 - THE POTENTIOMETRIC CONTOURS DEPICTED ARE INTERPOLATED FROM CALCULATED EFH's.

**HONEYWELL
 SETTLING BASINS 9-15
 GEDDES AND CAMILLUS, NY**

**SHALLOW NATIVE
 GROUNDWATER ELEVATIONS
 JULY 2011**



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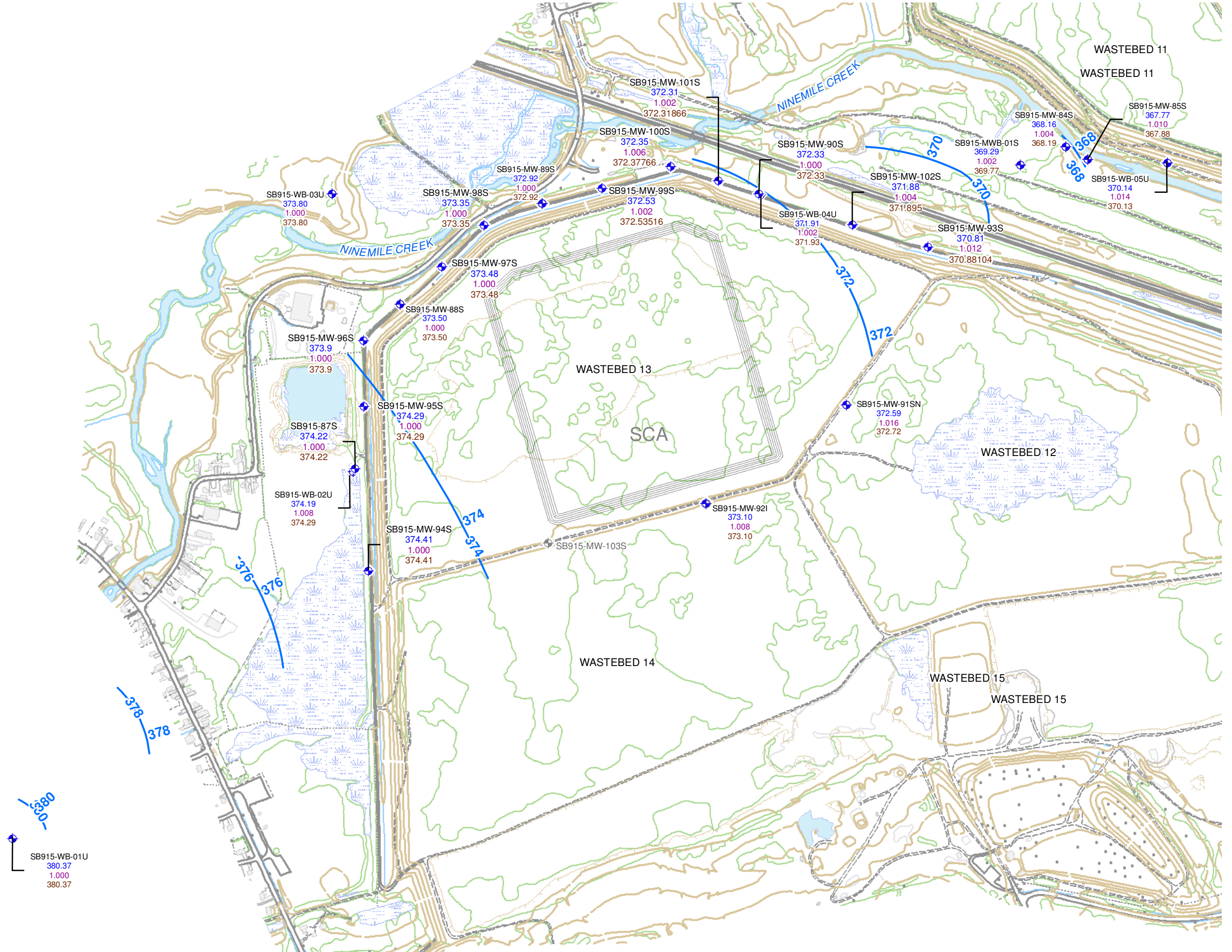


FIGURE 5-7



LEGEND

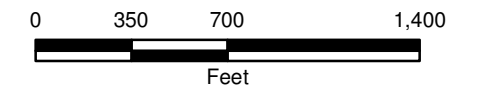
- MONITORING WELL
- GROUNDWATER CONTOUR
- EQUIVALENT FRESH WATER HEAD (FT AMSL)

SB915-MW-92I - LOCATION ID
373.12 - GROUNDWATER ELEVATION (FTAMSL)
1.014 - SPECIFIC GRAVITY
373.12 - EQUIVALENT FRESH WATER HEAD (FT AMSL)
 NA= NOT APPLICABLE

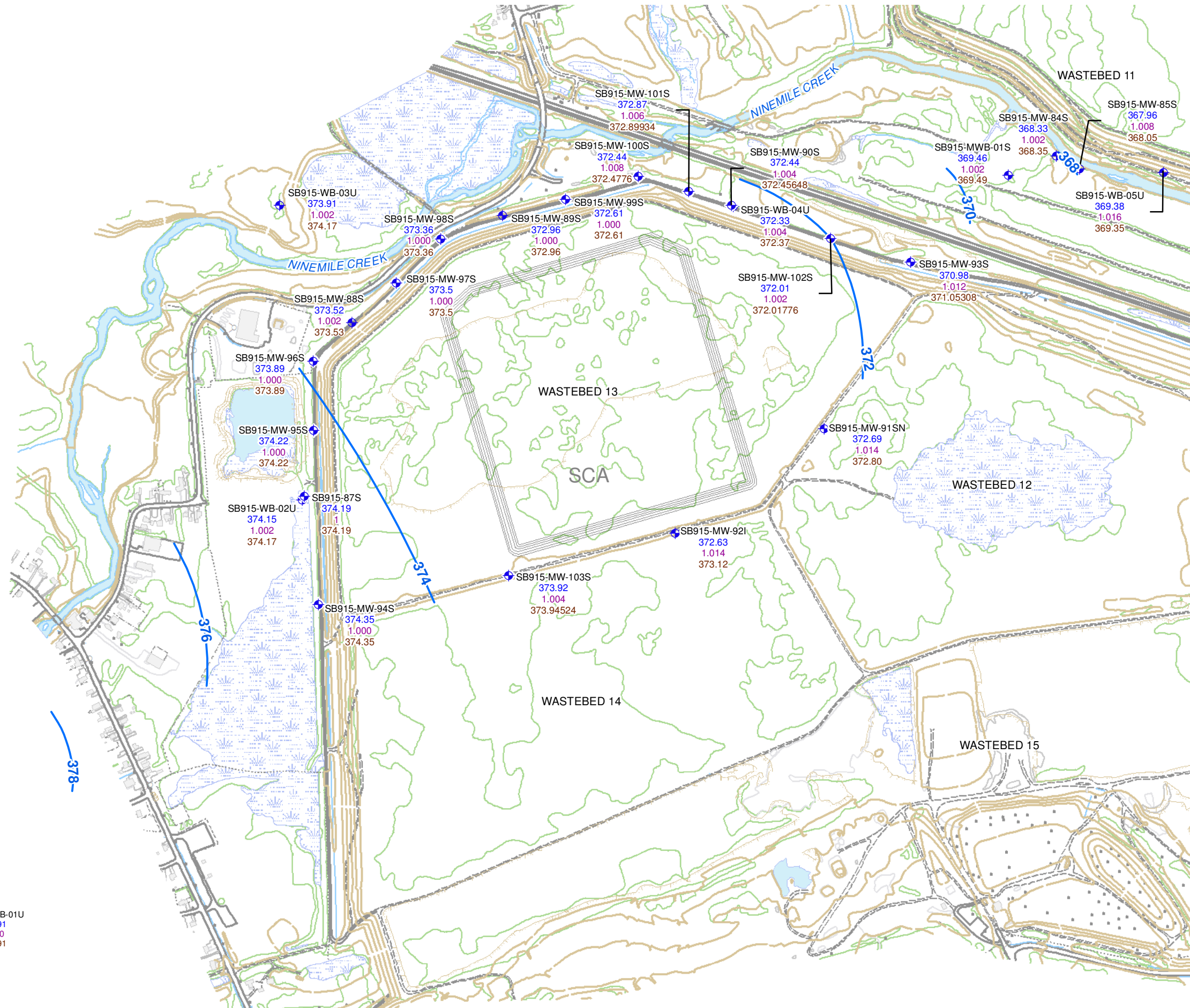
NOTE:
 - WELLS SELECTED BASED ON SCREEN ELEVATION AND UNIT SCREENED.
 - THE POTENTIOMETRIC CONTOURS DEPICTED ARE INTERPOLATED FROM CALCULATED EFH's.

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 GEDDES AND CAMILLUS, NY

**SHALLOW NATIVE
 GROUNDWATER ELEVATIONS
 AUGUST 2011**



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380
 SB915-WB-01U
 379.91
 1.000
 379.91

FIGURE 5-8



LEGEND

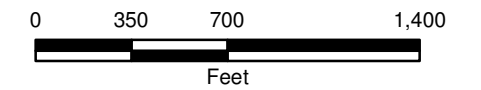
- MONITORING WELL
- GROUNDWATER CONTOUR
- EQUIVALENT FRESH WATER HEAD (FT AMSL)

SB915-MW-921 - LOCATION ID
 373.12 - GROUNDWATER ELEVATION (FTAMSL)
 1.014 - SPECIFIC GRAVITY
 373.12 - EQUIVALENT FRESH WATER HEAD (FT AMSL)
 NA= NOT APPLICABLE

NOTE:
 - WELLS SELECTED BASED ON SCREEN ELEVATION AND UNIT SCREENED.
 - THE POTENTIOMETRIC CONTOURS DEPICTED ARE INTERPOLATED FROM CALCULATED EFH's.

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 SETTling BASINS 9-15
 GEDDES AND CAMILLUS, NY

SHALLOW NATIVE
 GROUNDWATER ELEVATIONS
 SEPTEMBER 2011



JANUARY 2012
 1163.46698

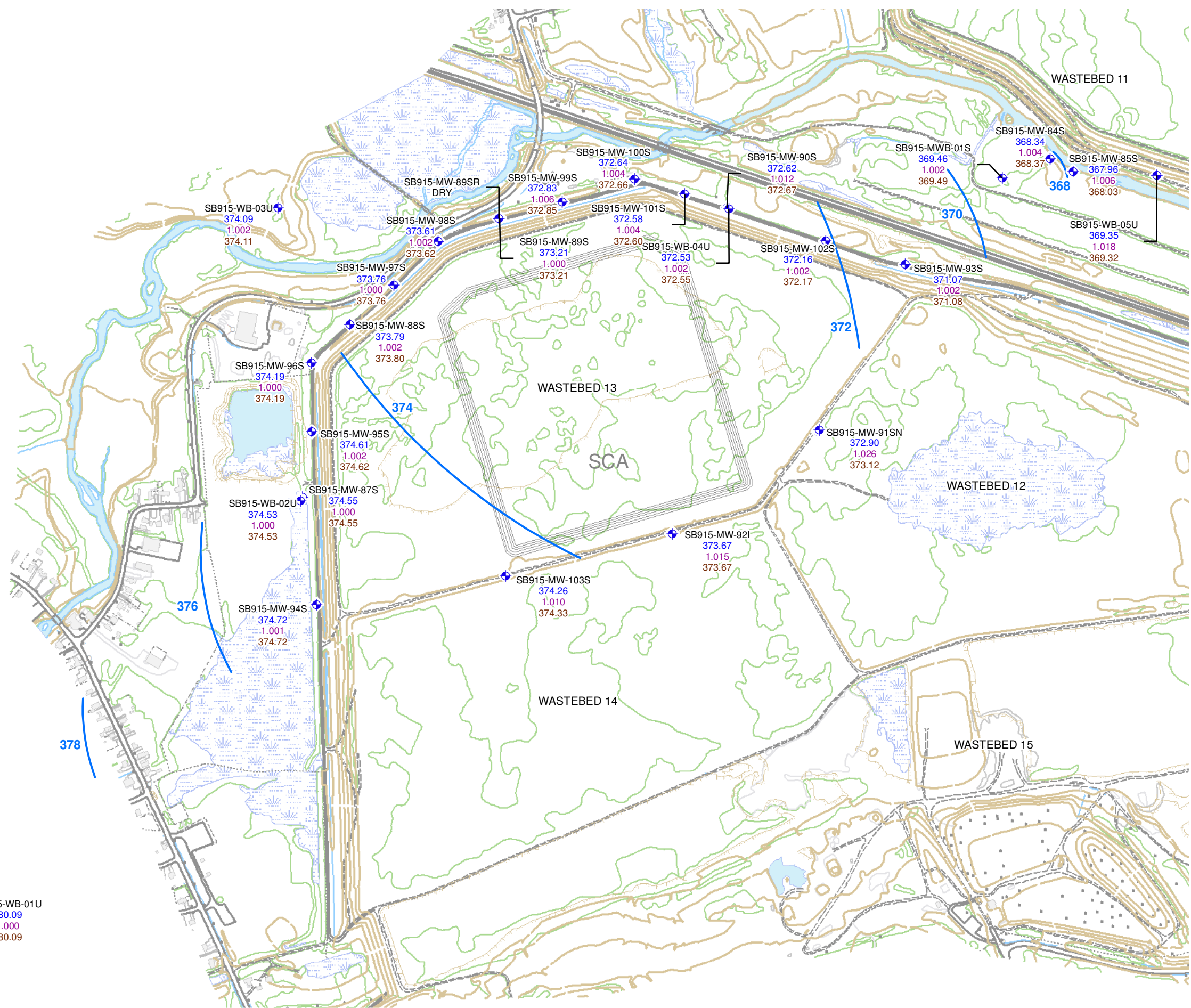


FIGURE 5-9



LEGEND

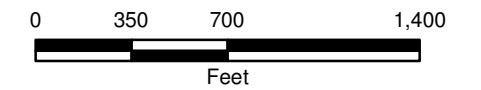
- MONITORING WELL
- GROUNDWATER CONTOUR
- EQUIVALENT FRESH WATER HEAD (FT AMSL)

SB915-MW-92I - LOCATION ID
 373.12 - GROUNDWATER ELEVATION (FTMSL)
 1.014 - SPECIFIC GRAVITY
 373.12 - EQUIVALENT FRESH WATER HEAD (FT AMSL)
 NA= NOT APPLICABLE

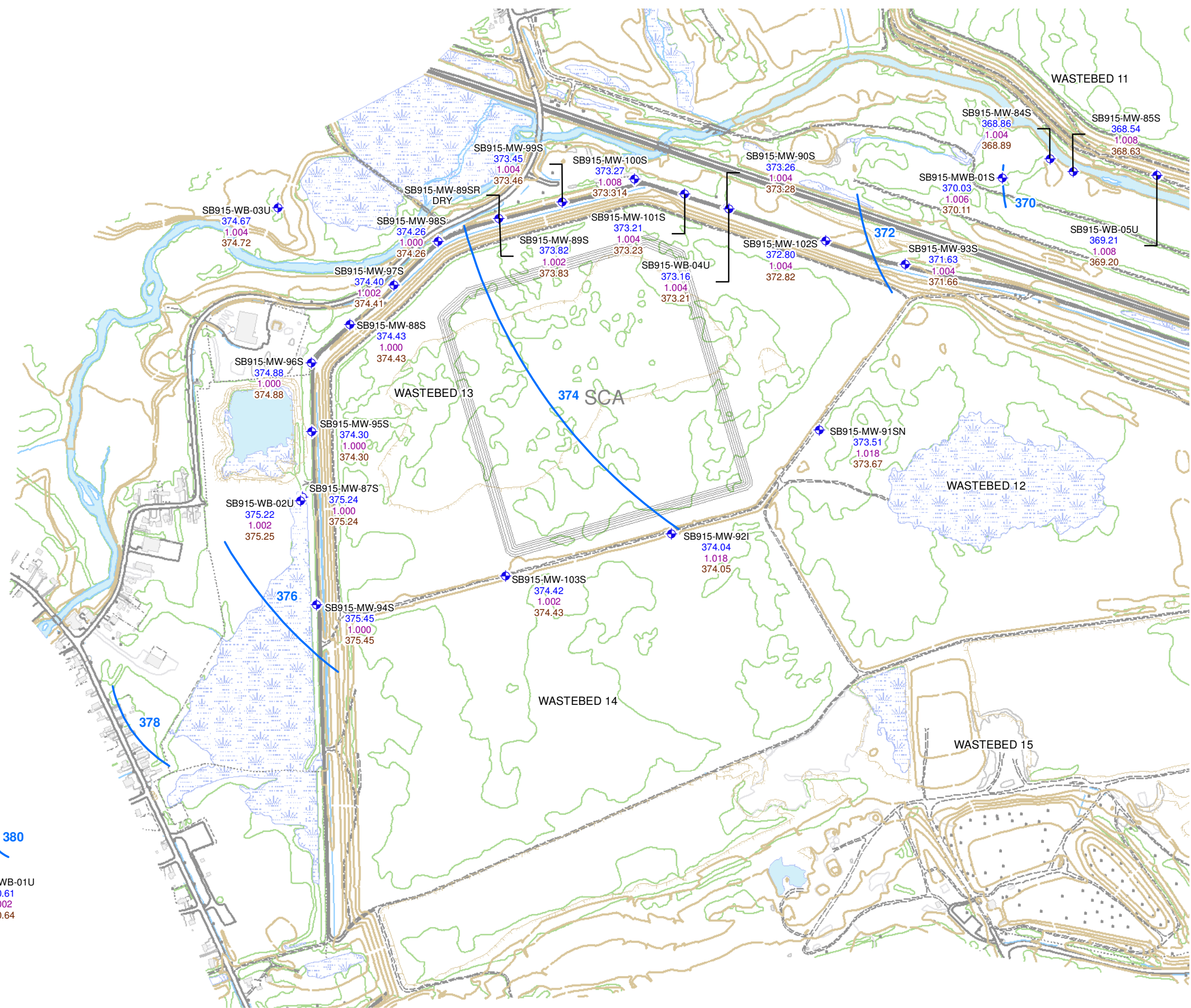
NOTE:
 - WELLS SELECTED BASED ON SCREEN ELEVATION AND UNIT SCREENED.
 - THE POTENTIOMETRIC CONTOURS DEPICTED ARE INTERPOLATED FROM CALCULATED EFH's.

HONEYWELL
 SETTLING BASINS 9-15
 GEDDES AND CAMILLUS, NY

SHALLOW NATIVE
 GROUNDWATER ELEVATIONS
 OCTOBER 2011



JANUARY 2012
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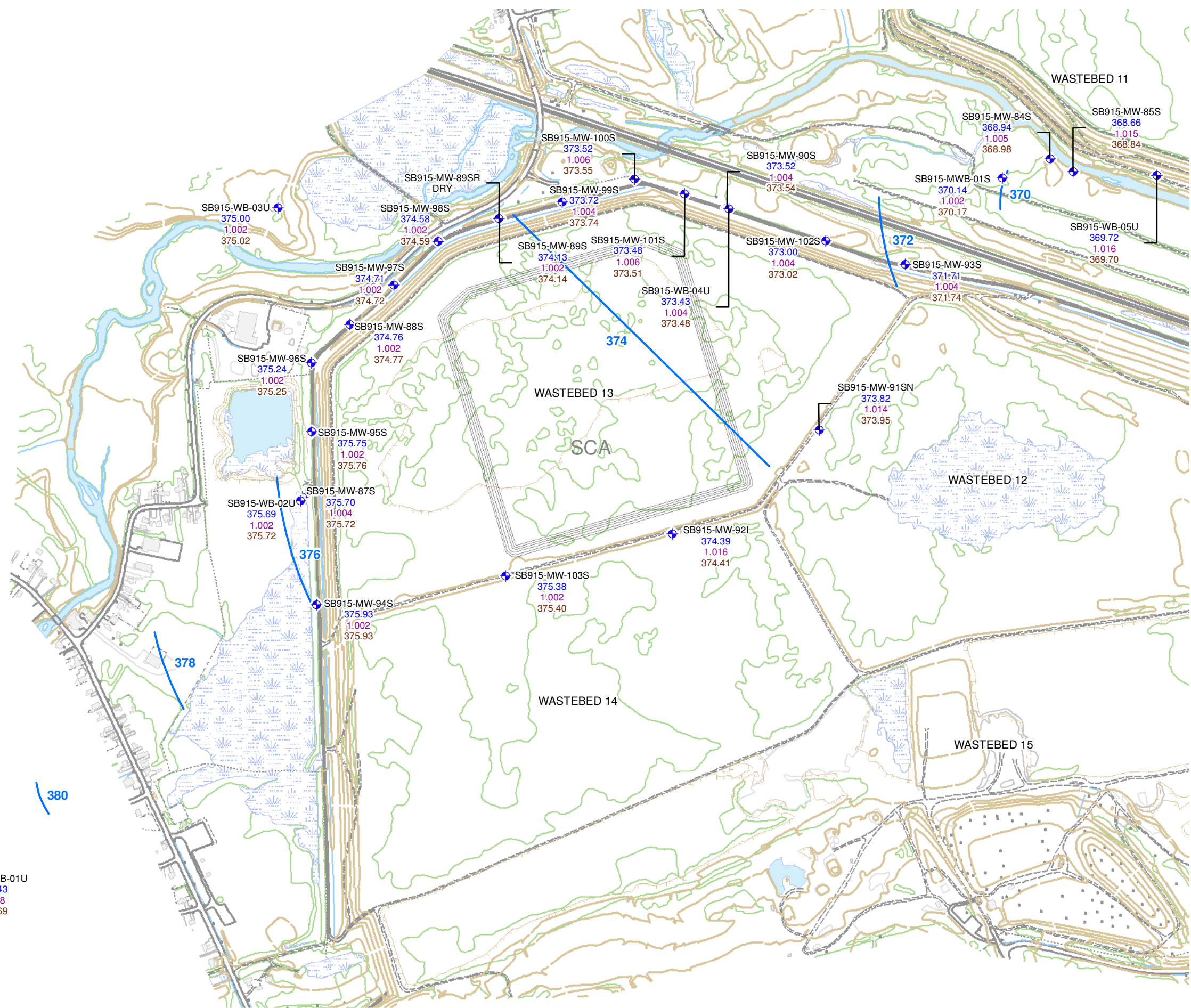


FIGURE 5-10



LEGEND

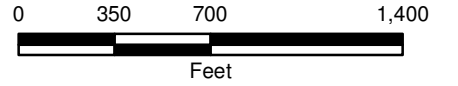
- ◆ MONITORING WELL
- GROUNDWATER CONTOUR
- EQUIVALENT FRESH WATER HEAD (FT AMSL)

SB915-MW-92I - LOCATION ID
373.12 - GROUNDWATER ELEVATION (FTMSL)
1.014 - SPECIFIC GRAVITY
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NOTE:
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**HONEYWELL
 SETTLING BASINS 9-15
 GEDDES AND CAMILLUS, NY**

**SHALLOW NATIVE
 GROUNDWATER ELEVATIONS
 NOVEMBER 2011**



DECEMBER 2011
 1163.46698



FIGURE 5-11



LEGEND

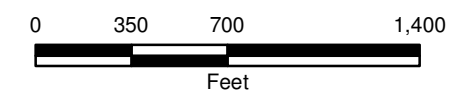
- MONITORING WELL
- GROUNDWATER CONTOUR
- EQUIVALENT FRESH WATER HEAD (FT AMSL)

- SB915-MW-92I - LOCATION ID
- 373.12 - GROUNDWATER ELEVATION (FTMSL)
- 1.014 - SPECIFIC GRAVITY
- 373.12 - EQUIVALENT FRESH WATER HEAD (FT AMSL)
- NA= NOT APPLICABLE

NOTE:
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HONEYWELL
 SETTLING BASINS 9-15
 GEDDES AND CAMILLUS, NY

SHALLOW NATIVE
 GROUNDWATER ELEVATIONS
 DECEMBER 2011



JANUARY 2012
 1163.46698

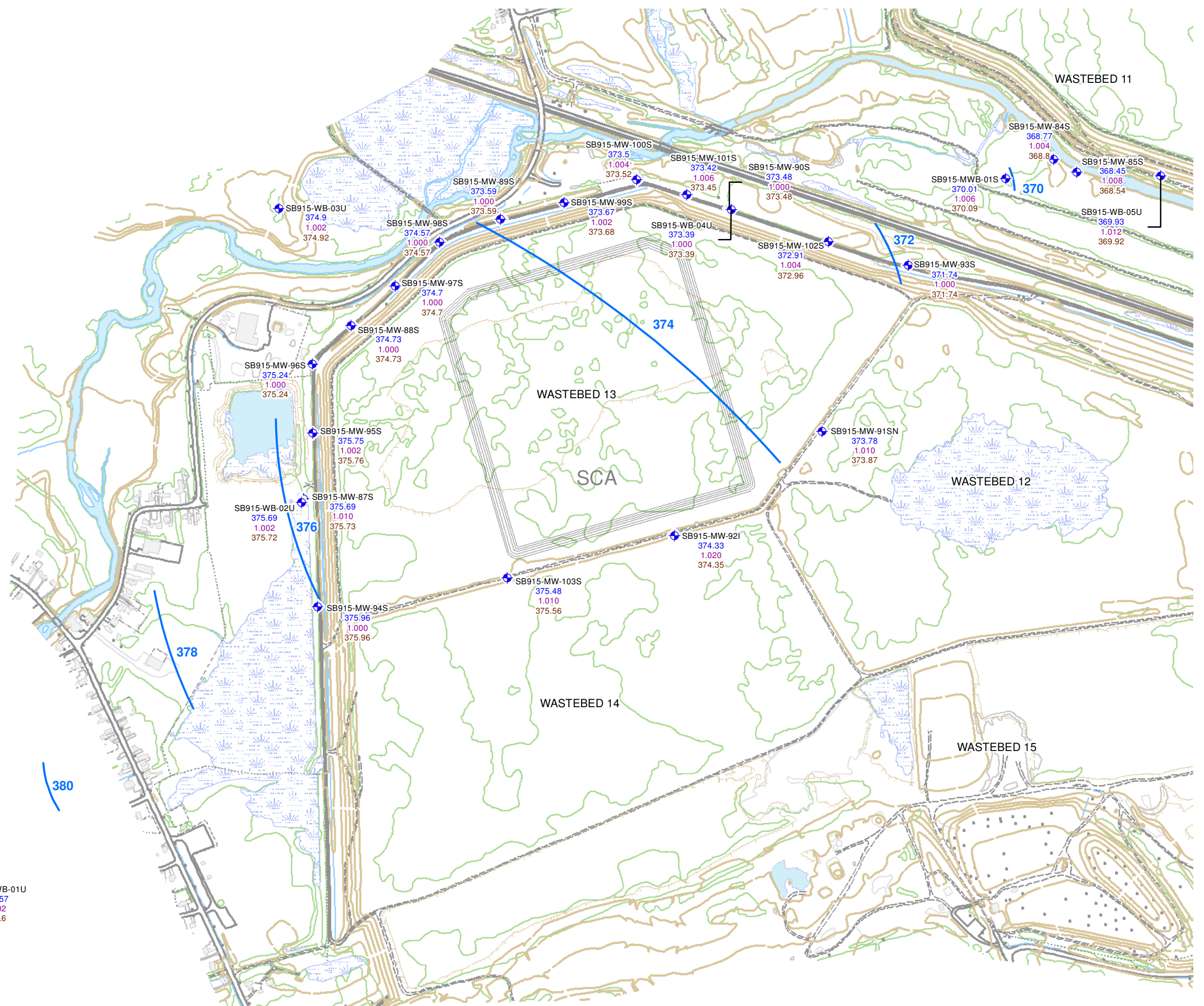


FIGURE 5-12



LEGEND

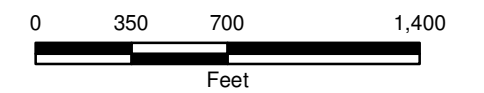
- MONITORING WELL
- GROUNDWATER CONTOUR
- EQUIVALENT FRESH WATER HEAD (FT AMSL)

SB915-MW-921 - LOCATION ID
 373.12 - GROUNDWATER ELEVATION (FTMSL)
 1.014 - SPECIFIC GRAVITY
 373.12 - EQUIVALENT FRESH WATER HEAD (FT AMSL)
 NA= NOT APPLICABLE

NOTE:
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 - THE POTENTIOMETRIC CONTOURS DEPICTED ARE INTERPOLATED FROM CALCULATED EFH's.

HONEYWELL
 SETTLING BASINS 9-15
 GEDDES AND CAMILLUS, NY

SHALLOW NATIVE
 GROUNDWATER ELEVATIONS
 JANUARY 2012



JANUARY 2012
 1163.46698

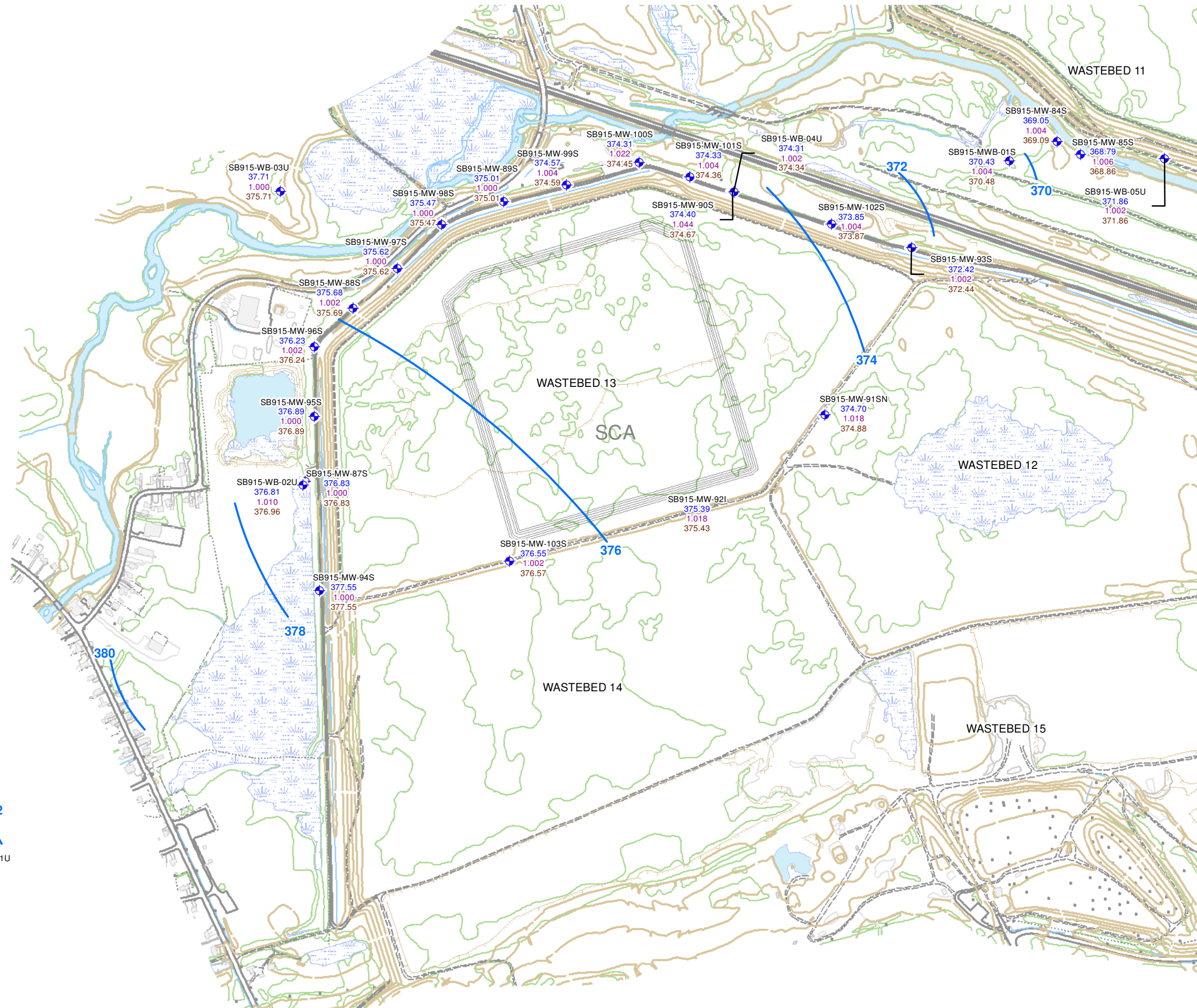


FIGURE 5-13



LEGEND

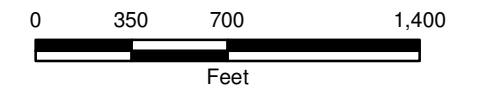
- MONITORING WELL
- GROUNDWATER CONTOUR
- EQUIVALENT FRESH WATER HEAD (FT AMSL)

SB915-MW-921 - LOCATION ID
 373.12 - GROUNDWATER ELEVATION (FTMSL)
 1.014 - SPECIFIC GRAVITY
 373.12 - EQUIVALENT FRESH WATER HEAD (FT AMSL)
 NA= NOT APPLICABLE

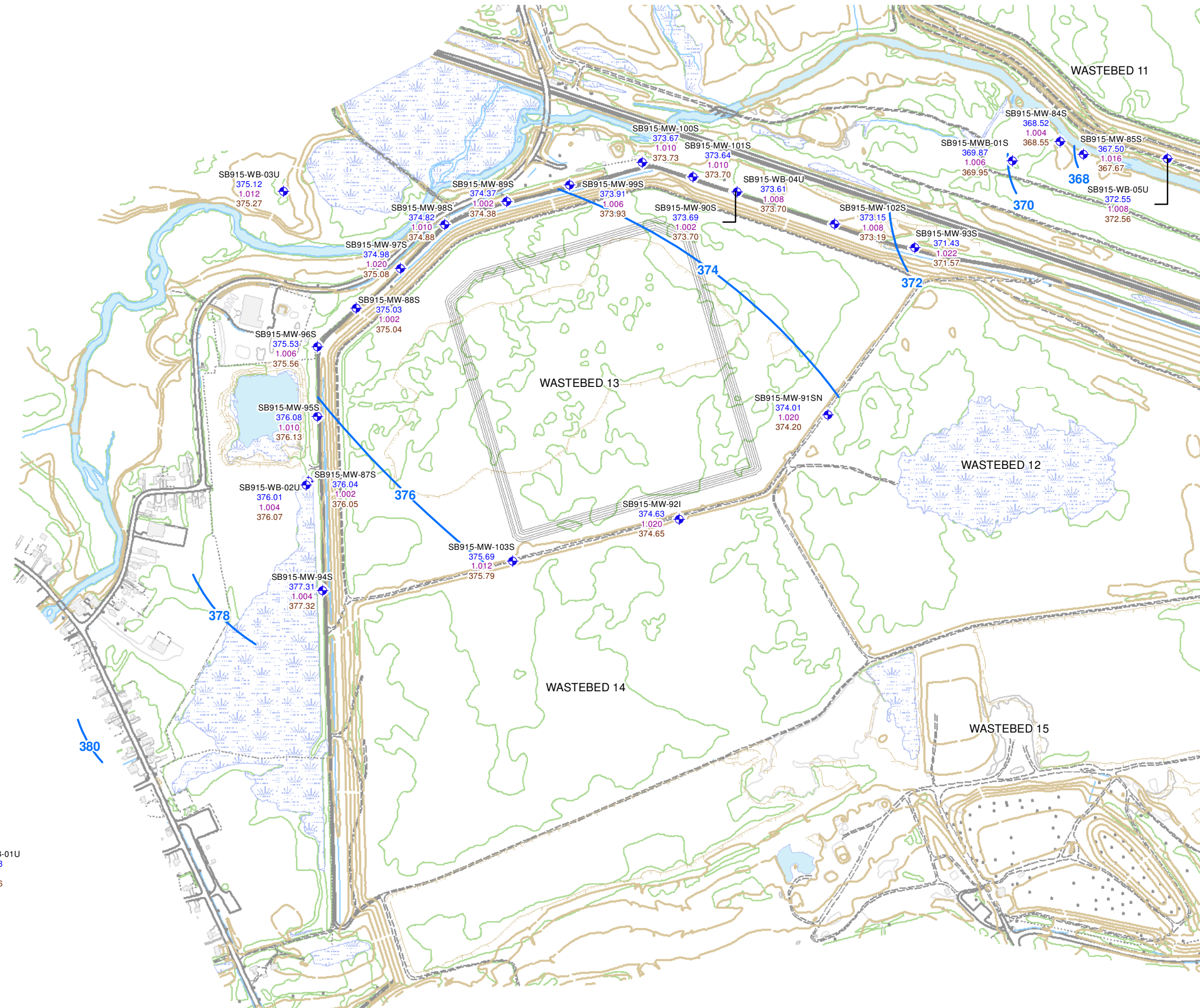
NOTE:
 - WELLS SELECTED BASED ON SCREEN ELEVATION AND UNIT SCREENED.
 - THE POTENTIOMETRIC CONTOURS DEPICTED ARE INTERPOLATED FROM CALCULATED EFH'S.

HONEYWELL
 SETTLING BASINS 9-15
 GEDDES AND CAMILLUS, NY

SHALLOW NATIVE
 GROUNDWATER ELEVATIONS
 FEBRUARY 2012



JANUARY 2012
 1163.46698



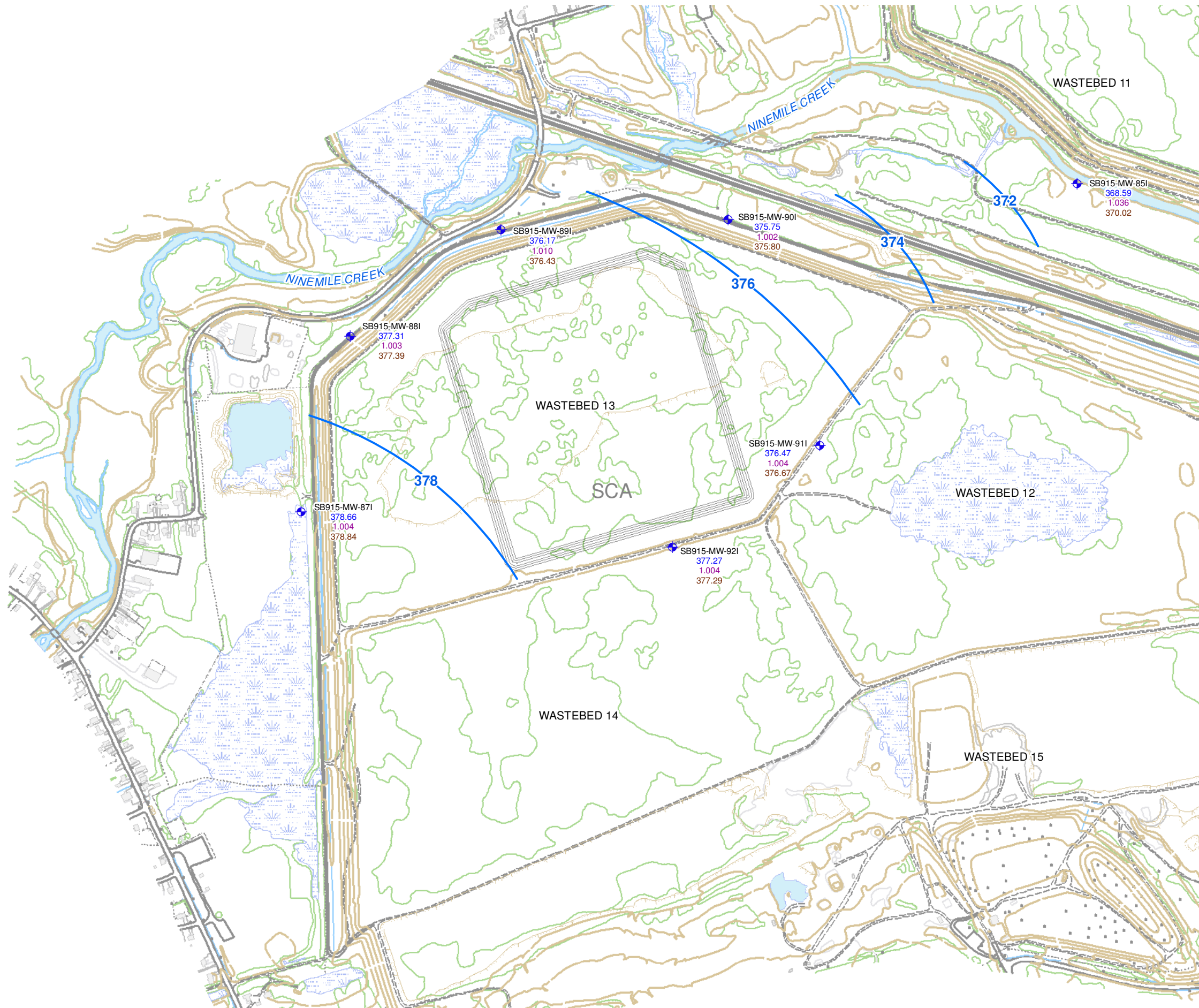





FIGURE 6-1



LEGEND

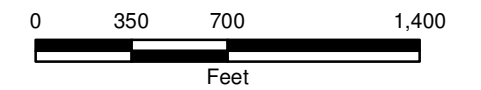
-  MONITORING WELL
-  GROUNDWATER CONTOUR
-  EQUIVALENT FRESH WATER HEAD (FT AMSL)

SB915-MW-911 - LOCATION ID
 376.47 - GROUNDWATER ELEVATION (FT AMSL)
 1.004 - SPECIFIC GRAVITY
 376.87 - FRESH WATER EQUIVALENT HEAD (FT AMSL)

NOTE:
 - WELLS SELECTED BASED ON SCREEN ELEVATION AND UNIT SCREENED.
 - THE POTENTIOMETRIC CONTOURS DEPICTED ARE INTERPOLATED FROM CALCULATED EFH's.

HONEYWELL
 SETTLING BASINS 9-15
 GEDDES AND CAMILLUS, NY

**INTERMEDIATE
 GROUNDWATER ELEVATIONS
 MARCH 2011**



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PATH: \\Honeywell\116346698_Sca_Settling-Bas\Docs\DWG\MXD\Intermediate\GWE_December2011.mxd

PLOT DATE: 08/31/12 9:54:05 AM Newton, JM

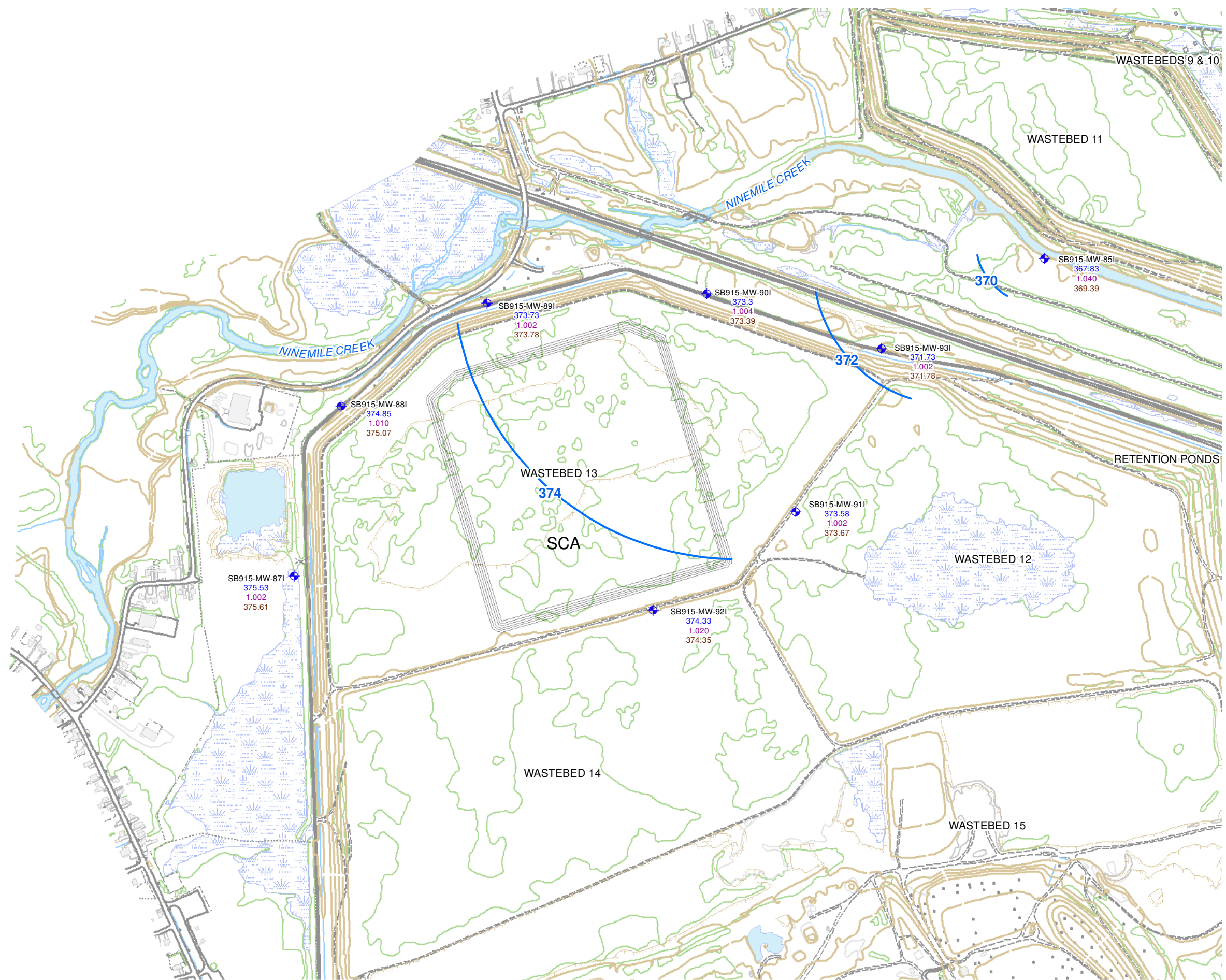


FIGURE 6-10



LEGEND

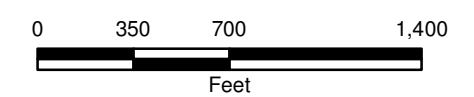
- ◆ MONITORING WELL
- GROUNDWATER CONTOUR
- EQUIVALENT FRESH WATER HEAD (FT AMSL)

SB915-MW-921 - LOCATION ID
374.33 - GROUNDWATER ELEVATION (FT AMSL)
1.020 - SPECIFIC GRAVITY
374.35 - EQUIVALENT FRESH WATER HEAD (FT AMSL)

NOTE:
 - WELLS SELECTED BASED ON SCREEN ELEVATION AND UNIT SCREENED.
 - THE POTENTIOMETRIC CONTOURS DEPICTED ARE INTERPOLATED FROM CALCULATED EFH's.

HONEYWELL
 SETTLING BASINS 9-15
 GEDDES AND CAMILLUS, NY

INTERMEDIATE GROUNDWATER ELEVATIONS DECEMBER 2011



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PATH: \\Honeywell\1163\46698\SCA_Settling-Bas\Docs\DWG\MXD\Intermediate\GWE_January2012.mxd

PLOT DATE: 08/31/12 9:57:17 AM Newton, JM

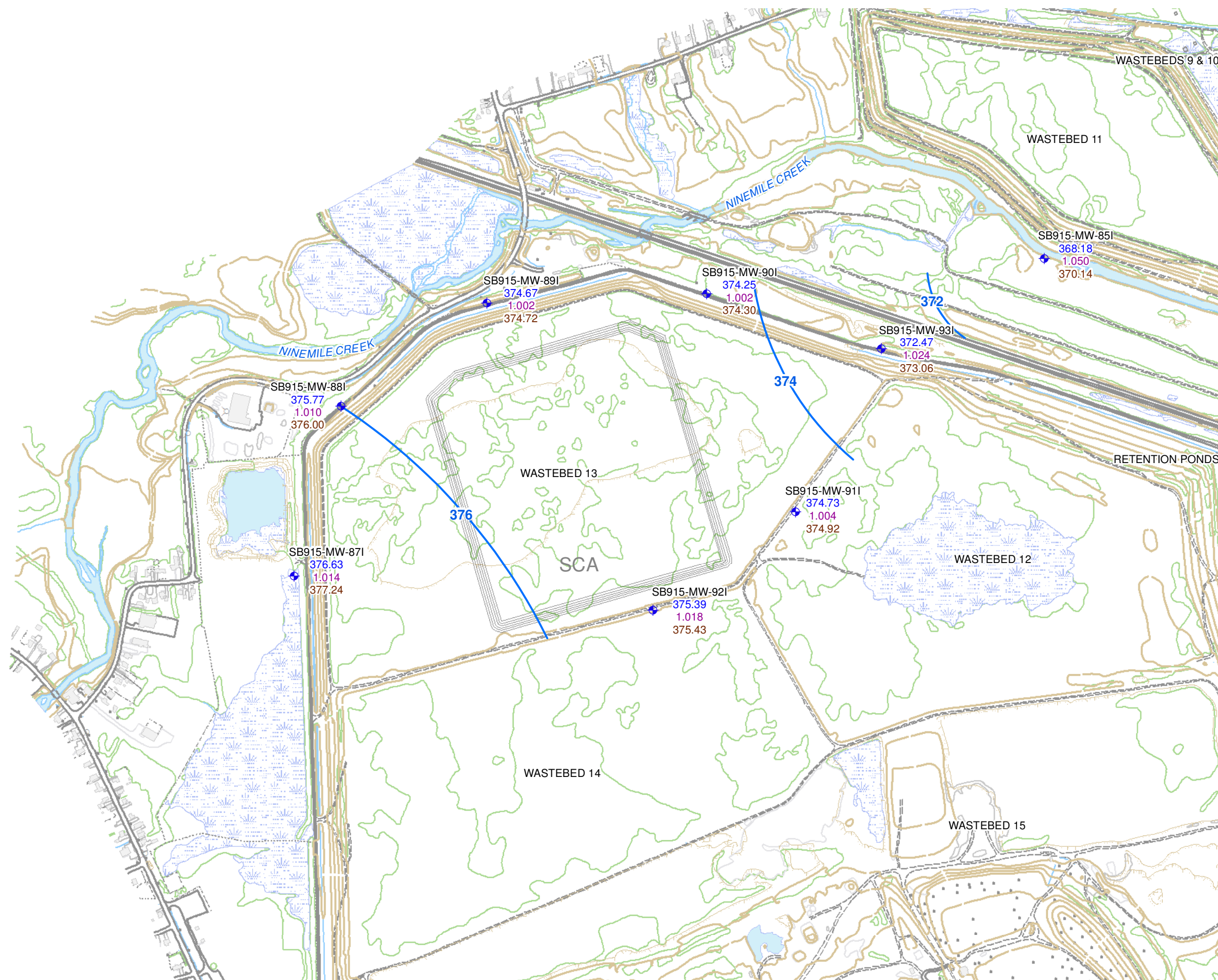


FIGURE 6-11



LEGEND

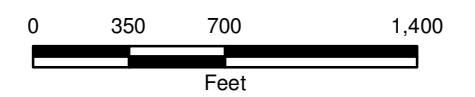
- ◆ MONITORING WELL
- GROUNDWATER CONTOUR
- EQUIVALENT FRESH WATER HEAD (FT AMSL)

SB915-MW-921 - LOCATION ID
375.39 - GROUNDWATER ELEVATION (FT AMSL)
1.018 - SPECIFIC GRAVITY
375.43 - EQUIVALENT FRESH WATER HEAD (FT AMSL)

NOTE:
 - WELLS SELECTED BASED ON SCREEN ELEVATION AND UNIT SCREENED.
 - THE POTENTIOMETRIC CONTOURS DEPICTED ARE INTERPOLATED FROM CALCULATED EFH's.

**HONEYWELL
 SETTLING BASINS 9-15
 GEDDES AND CAMILLUS, NY**

**INTERMEDIATE
 GROUNDWATER ELEVATIONS
 JANUARY 2012**



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PATH: I:\Honeywell\1163.46698_Sca_Settling-Bas\Docs\DWG\MGXD\Intermediate\GWE_Feb2012.mxd

PLOT DATE: 08/31/12 10:20:49 AM Newton, JM

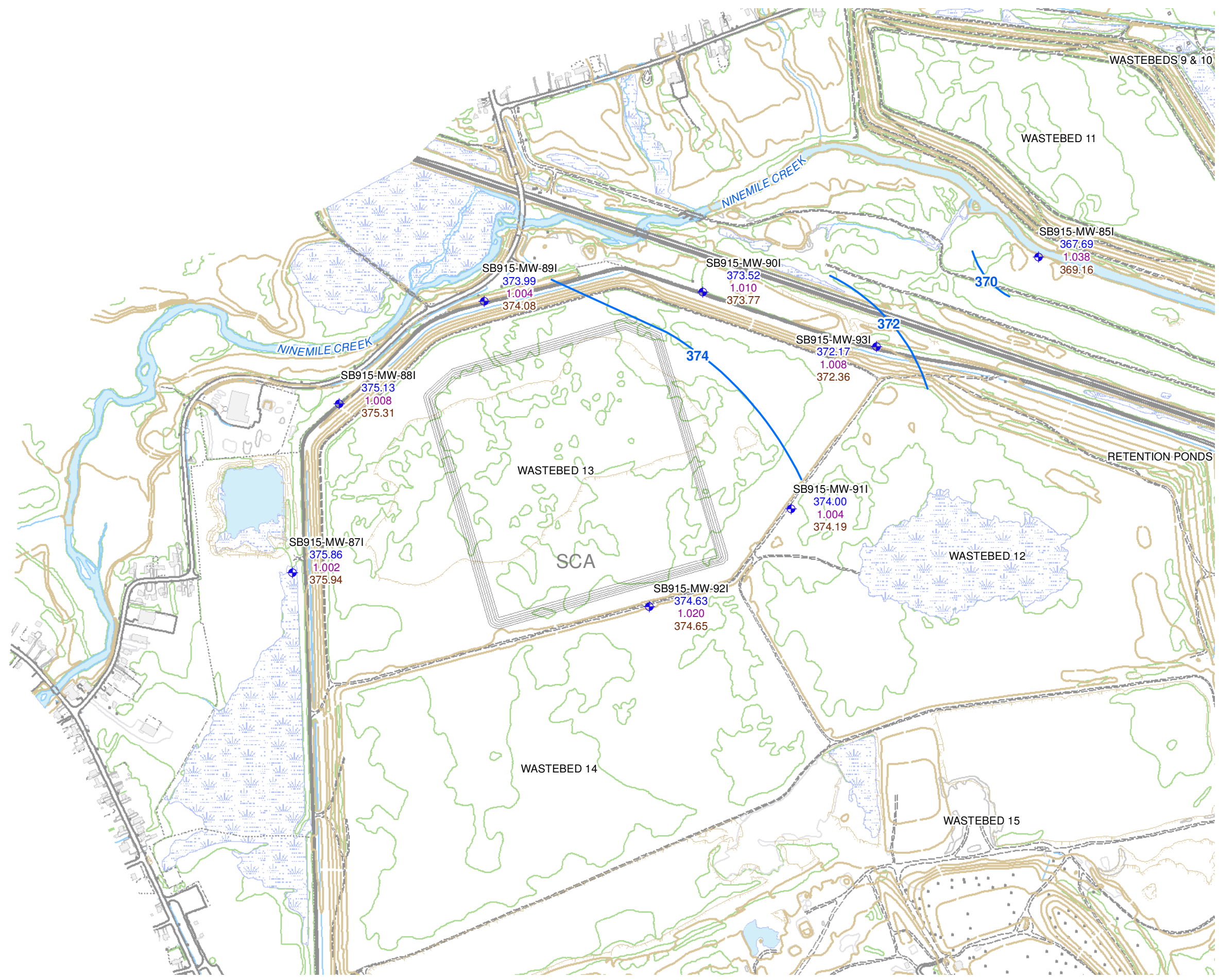


FIGURE 6-12



LEGEND

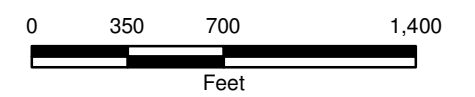
- ◆ MONITORING WELL
- GROUNDWATER CONTOUR
- EQUIVALENT FRESH WATER HEAD (FT AMSL)

SB915-MW-921 - LOCATION ID
 374.63 - GROUNDWATER ELEVATION (FT AMSL)
 1.020 - SPECIFIC GRAVITY
 374.65 - EQUIVALENT FRESH WATER HEAD (FT AMSL)

NOTE:
 - WELLS SELECTED BASED ON SCREEN ELEVATION AND UNIT SCREENED.
 - THE POTENTIOMETRIC CONTOURS DEPICTED ARE INTERPOLATED FROM CALCULATED EFH's.

HONEYWELL
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 GEDDES AND CAMILLUS, NY

INTERMEDIATE
 GROUNDWATER ELEVATIONS
 FEBRUARY 2012



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FIGURE 6-2



LEGEND

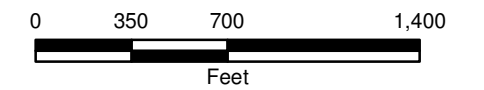
- MONITORING WELL
- NOT YET INSTALLED
- GROUNDWATER CONTOUR
- EQUIVALENT FRESH WATER HEAD (FT AMSL)

SB915-MW-921 - LOCATION ID
 376.99 - GROUNDWATER ELEVATION (FTMSL)
 1.012 - SPECIFIC GRAVITY
 377.03 - EQUIVALENT FRESH WATER HEAD (FT AMSL)

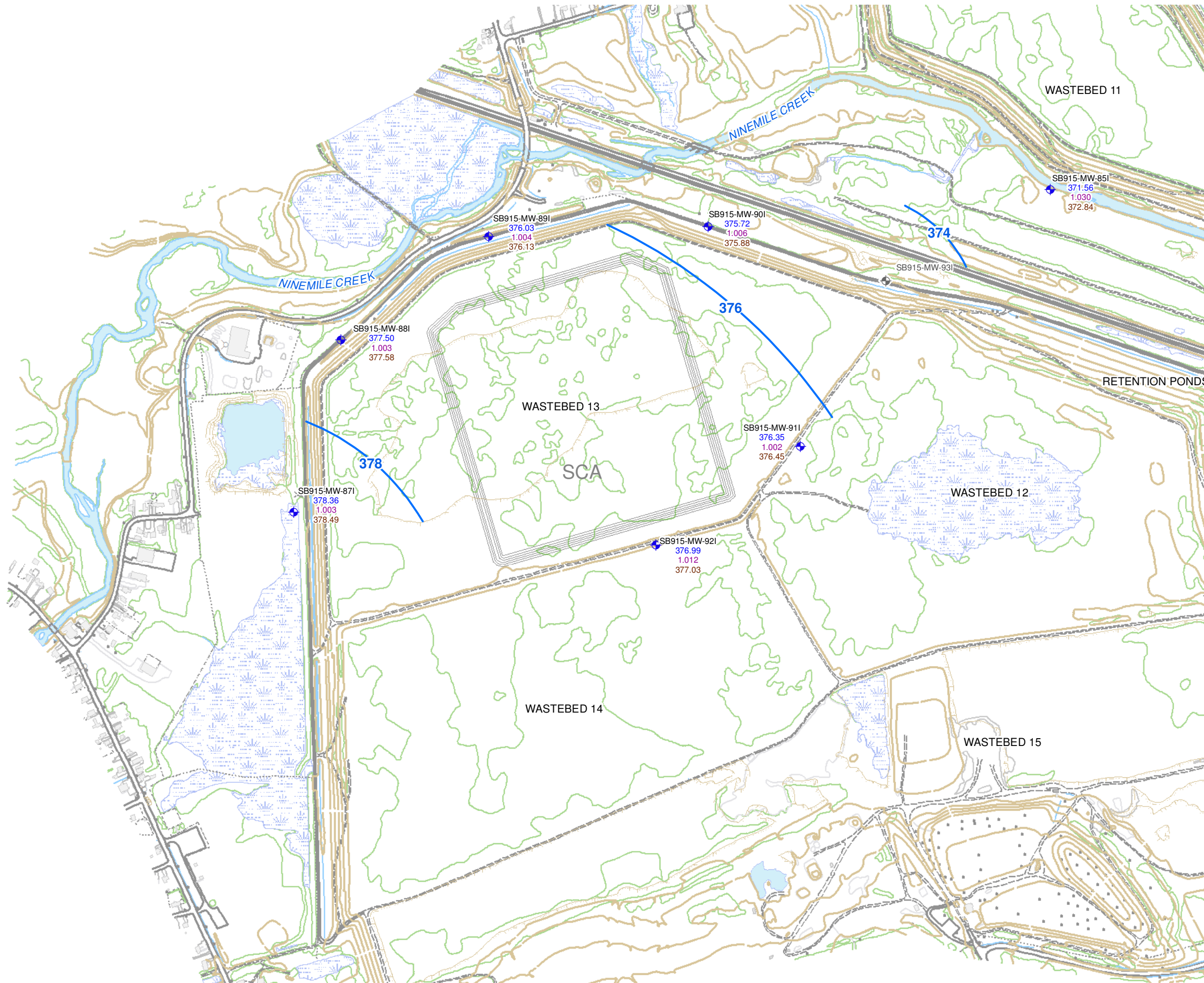
NOTE:
 - WELLS SELECTED BASED ON SCREEN ELEVATION AND UNIT SCREENED.
 - THE POTENTIOMETRIC CONTOURS DEPICTED ARE INTERPOLATED FROM CALCULATED EFH's.

HONEYWELL
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 GEDDES AND CAMILLUS, NY

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 GROUNDWATER ELEVATIONS
 APRIL 2011



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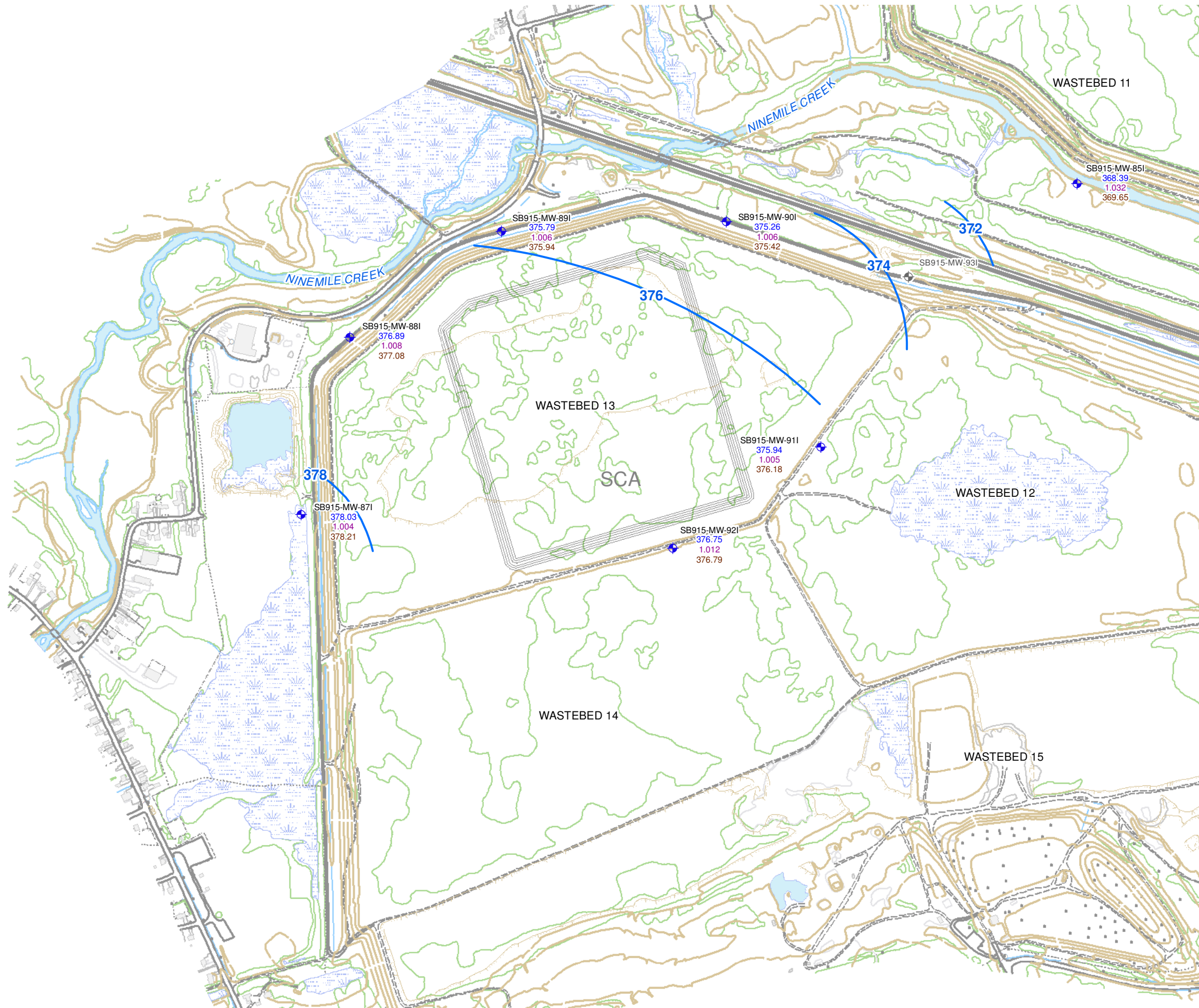


FIGURE 6-3



LEGEND

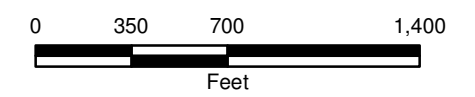
- ◆ MONITORING WELL
- ◆ NOT YET INSTALLED
- GROUNDWATER CONTOUR
- EQUIVALENT FRESH WATER HEAD (FT AMSL)

SB915-MW-921 - LOCATION ID
376.75 - GROUNDWATER ELEVATION (FTAMSL)
1.012 - SPECIFIC GRAVITY
376.79 - EQUIVALENT FRESH WATER HEAD

NOTE:
 - WELLS SELECTED BASED ON SCREEN ELEVATION AND UNIT SCREENED.
 - THE POTENTIOMETRIC CONTOURS DEPICTED ARE INTERPOLATED FROM CALCULATED EFH's.

HONEYWELL
 SETTLING BASINS 9-15
 GEDDES AND CAMILLUS, NY

**INTERMEDIATE
 GROUNDWATER ELEVATIONS
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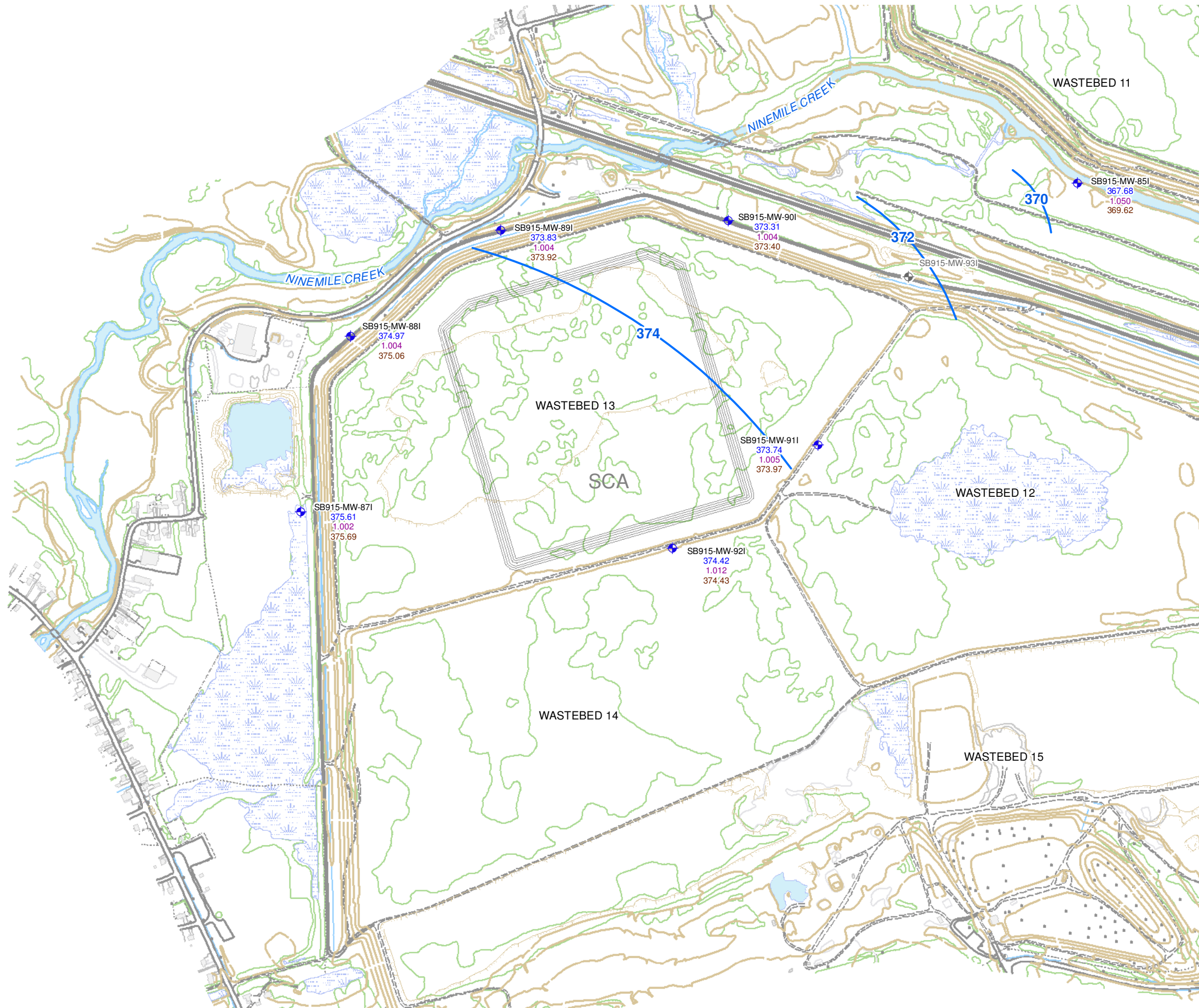


FIGURE 6-4



LEGEND

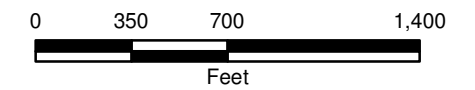
- MONITORING WELL
- NOT YET INSTALLED
- GROUNDWATER CONTOUR
- EQUIVALENT FRESH WATER HEAD (FT AMSL)

SB915-MW-921 - LOCATION ID
 374.42 - GROUNDWATER ELEVATION (FT AMSL)
 1.012 - SPECIFIC GRAVITY
 374.43 - EQUIVALENT FRESH WATER HEAD (FT AMSL)

NOTE:
 - WELLS SELECTED BASED ON SCREEN ELEVATION AND UNIT SCREENED.
 - THE POTENTIOMETRIC CONTOURS DEPICTED ARE INTERPOLATED FROM CALCULATED EFH's.

HONEYWELL
 SETTLING BASINS 9-15
 GEDDES AND CAMILLUS, NY

**INTERMEDIATE
 GROUNDWATER ELEVATIONS
 JUNE 2011**



MARCH 2012
 1163.46698



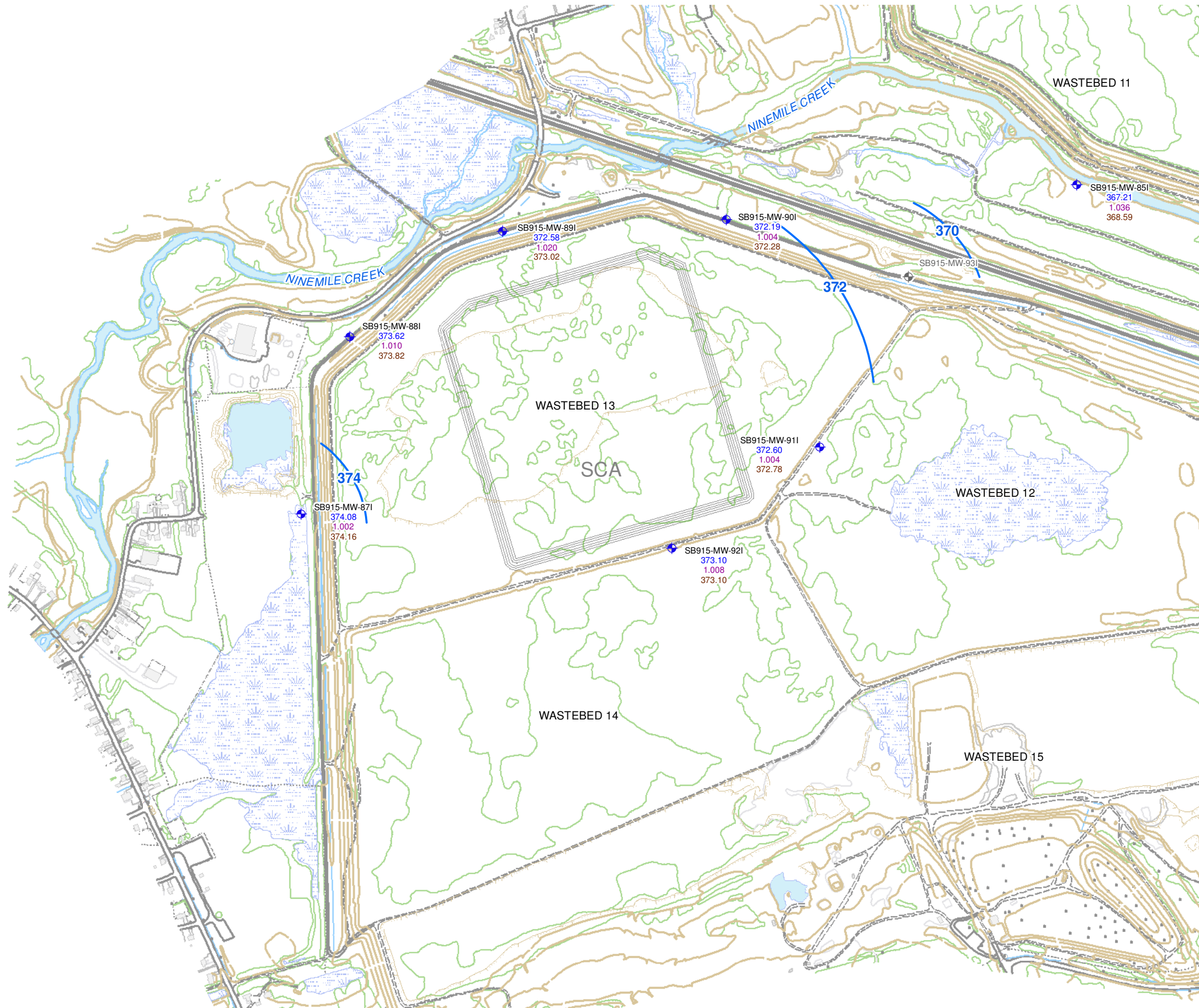


FIGURE 6-5



LEGEND

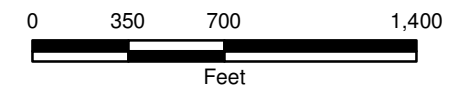
- MONITORING WELL
- NOT YET INSTALLED
- GROUNDWATER CONTOUR
- EQUIVALENT FRESH WATER HEAD (FT AMSL)

SB915-MW-921 - LOCATION ID
373.10 - GROUNDWATER ELEVATION (FT AMSL)
1.008 - SPECIFIC GRAVITY
373.10 - EQUIVALENT FRESH WATER HEAD (FT AMSL)

NOTE:
 - WELLS SELECTED BASED ON SCREEN ELEVATION AND UNIT SCREENED.
 - THE POTENTIOMETRIC CONTOURS DEPICTED ARE INTERPOLATED FROM CALCULATED EFH's.

HONEYWELL
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 GEDDES AND CAMILLUS, NY

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 GROUNDWATER ELEVATIONS
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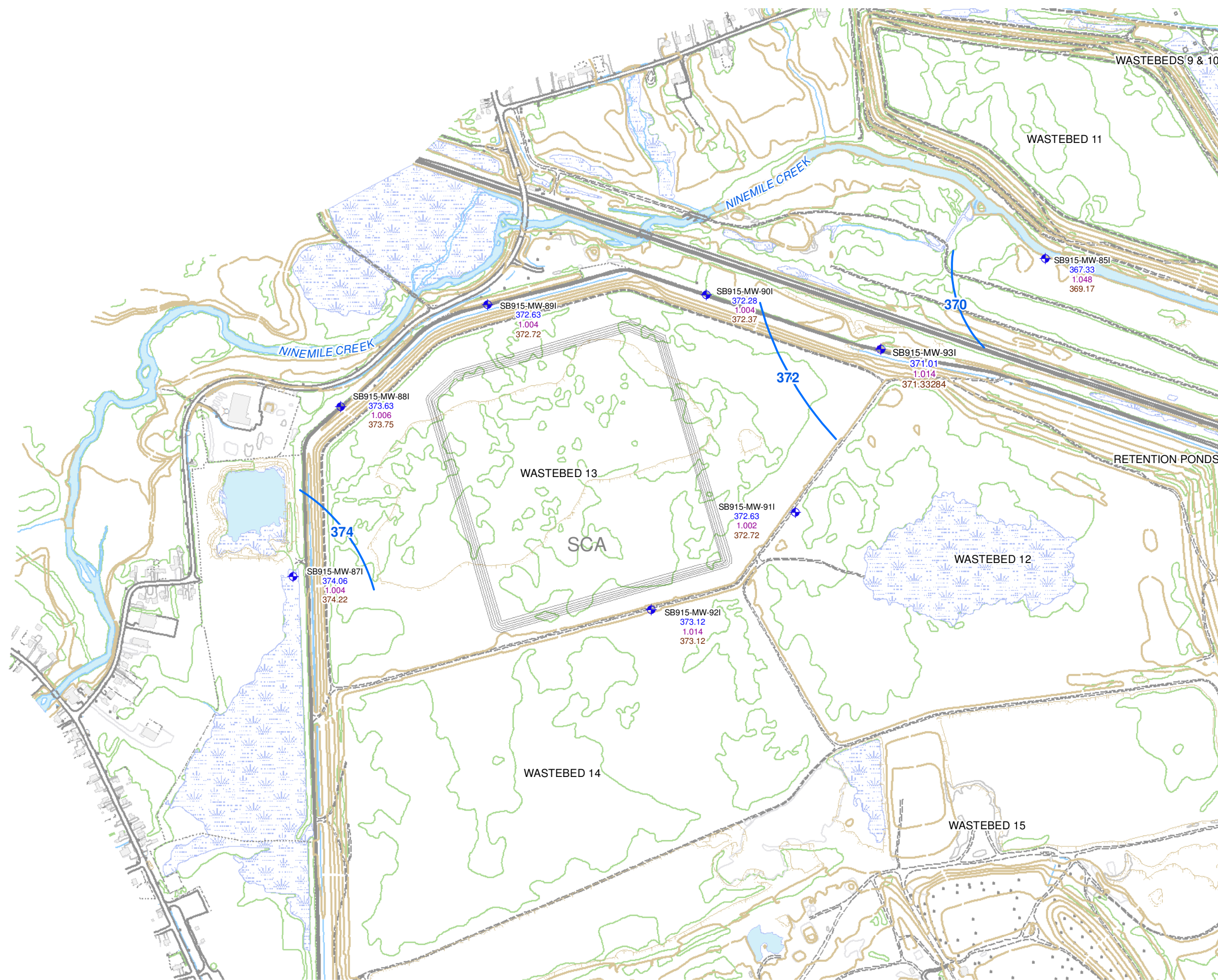


FIGURE 6-6



LEGEND

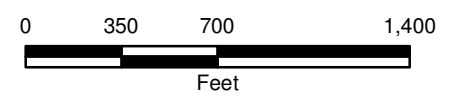
- MONITORING WELL
- GROUNDWATER CONTOUR
EQUIVALENT FRESH WATER HEAD
(FT AMSL)

SB915-MW-921 - LOCATION ID
 373.12 - GROUNDWATER ELEVATION (FTAMSL)
 1.014 - SPECIFIC GRAVITY
 373.12 - EQUIVALENT FRESH WATER HEAD (FT AMSL)

NOTE:
 - WELLS SELECTED BASED ON SCREEN ELEVATION AND UNIT SCREENED.
 - THE POTENTIOMETRIC CONTOURS DEPICTED ARE INTERPOLATED FROM CALCULATED EFH's.

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 SETTLING BASINS 9-15
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**INTERMEDIATE
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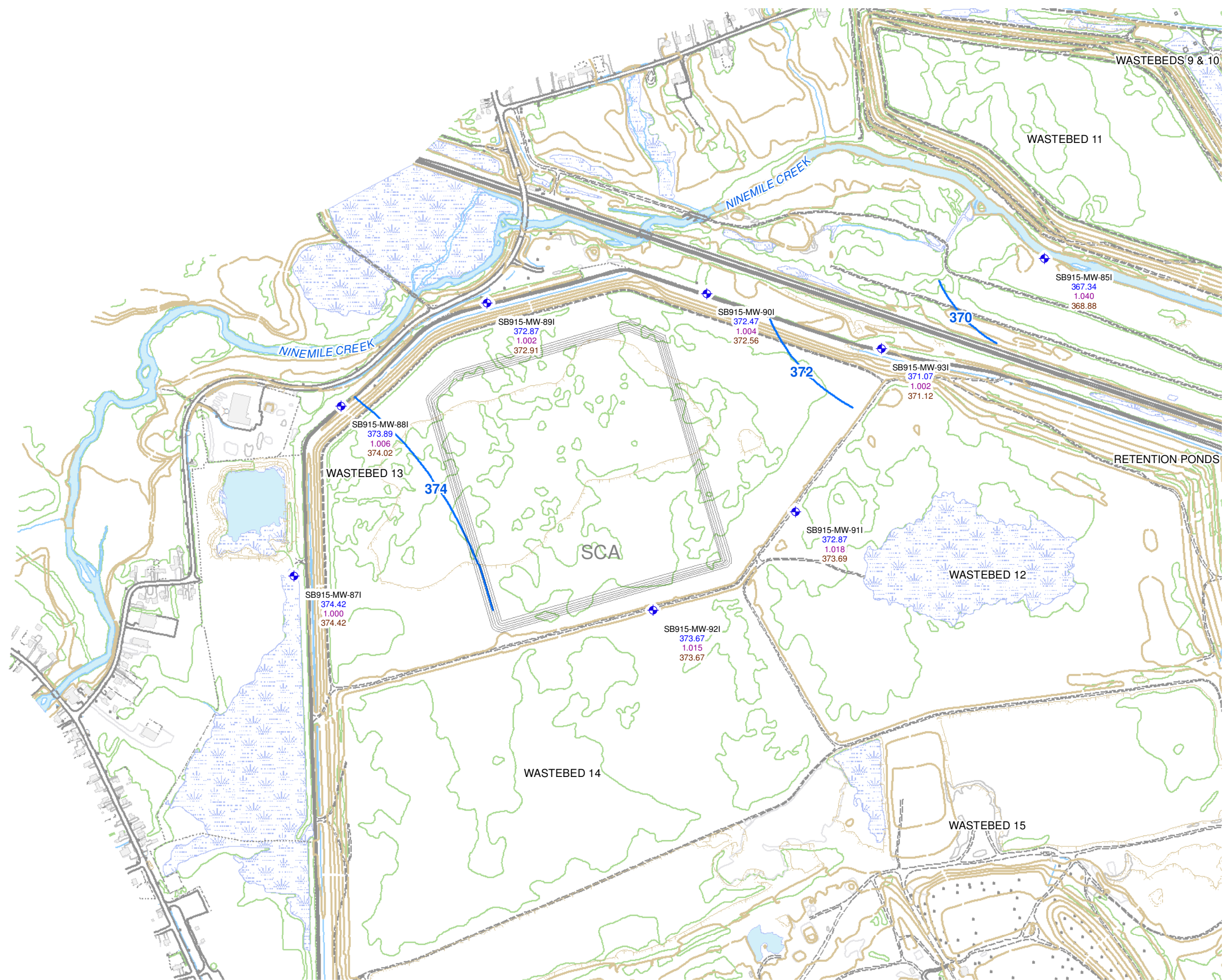


FIGURE 6-7



LEGEND

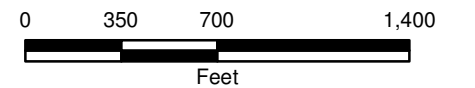
- ◆ MONITORING WELL
- GROUNDWATER CONTOUR (ELEVATION IN FEET ABOVE MEAN SEA LEVEL)

SB915-MW-921 - LOCATION ID
 377.27 - GROUNDWATER ELEVATION (FTMSL)
 1.004 - SPECIFIC GRAVITY
 377.29 - FRESH WATER EQUIVALENT HEAD (FT AMSL)

NOTE:
 - WELLS SELECTED BASED ON SCREEN ELEVATION AND UNIT SCREENED.
 - THE POTENTIOMETRIC CONTOURS DEPICTED ARE INTERPOLATED FROM CALCULATED EFH's.

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 SETTLING BASINS 9-15
 GEDDES AND CAMILLUS, NY

**INTERMEDIATE
 GROUNDWATER ELEVATIONS
 SEPTEMBER 2011**






MARCH 2012
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FIGURE 6-8



LEGEND

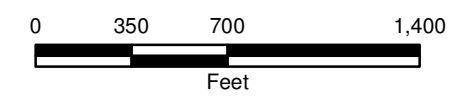
-  MONITORING WELL
-  GROUNDWATER CONTOUR
-  EQUIVALENT FRESH WATER HEAD (FT AMSL)

SB915-MW-921 - LOCATION ID
 374.04 - GROUNDWATER ELEVATION (FTAMSL)
 1.018 - SPECIFIC GRAVITY
 374.05 - EQUIVALENT FRESH WATER HEAD (FT AMSL)

NOTE:
 - WELLS SELECTED BASED ON SCREEN ELEVATION AND UNIT SCREENED.
 - THE POTENTIOMETRIC CONTOURS DEPICTED ARE INTERPOLATED FROM CALCULATED EFH's.

HONEYWELL
 SETTLING BASINS 9-15
 GEDDES AND CAMILLUS, NY

INTERMEDIATE
 GROUNDWATER ELEVATIONS
 OCTOBER 2011



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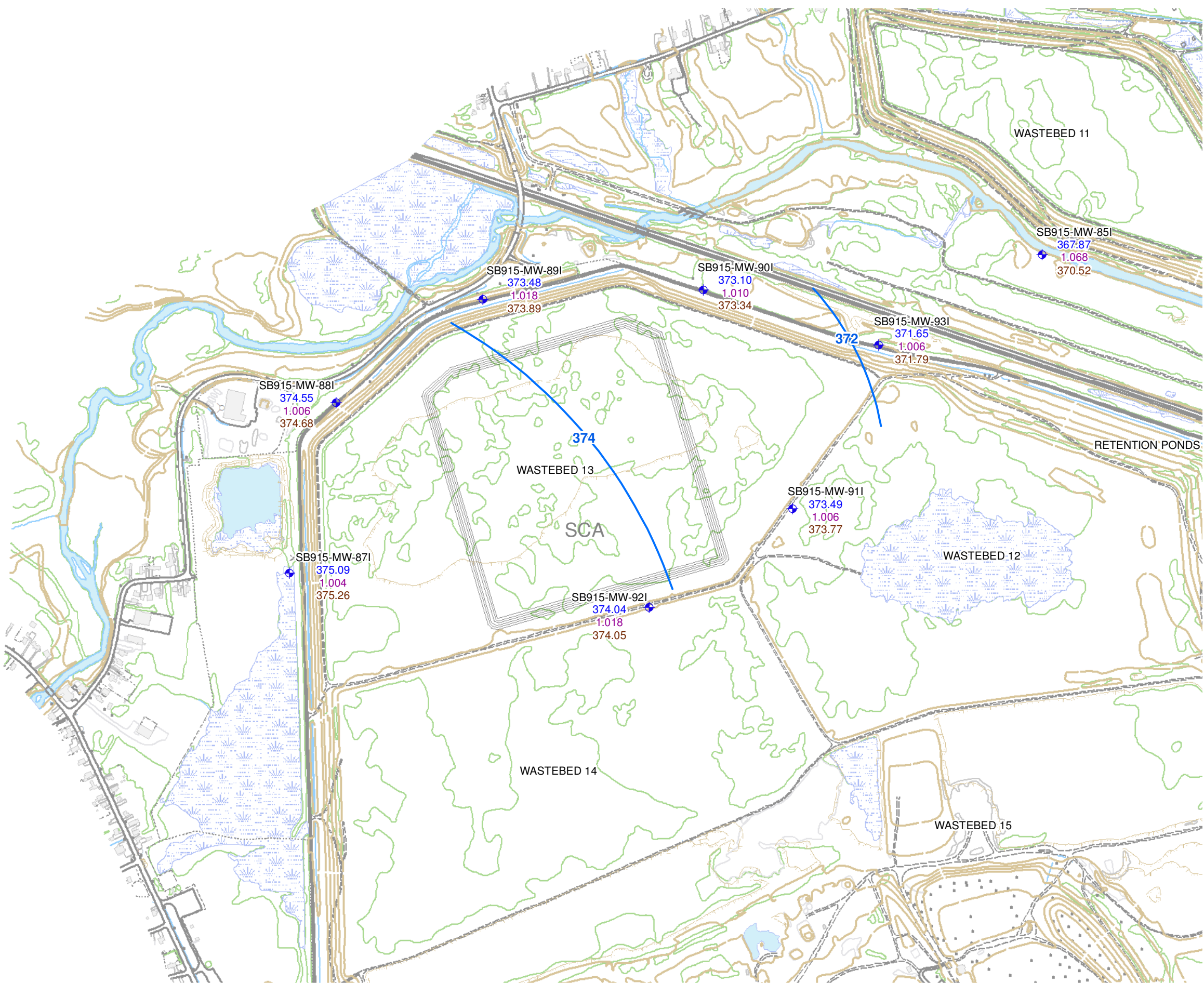





FIGURE 6-9



LEGEND

-  MONITORING WELL
-  GROUNDWATER CONTOUR
-  EQUIVALENT FRESH WATER HEAD (FT AMSL)

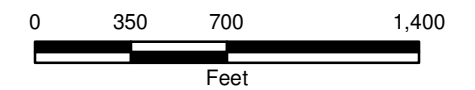
- SB915-MW-92I - LOCATION ID
- 374.39 - GROUNDWATER ELEVATION (FTMSL)
 - 1.016 - SPECIFIC GRAVITY
 - 374.41 - EQUIVALENT FRESH WATER HEAD (FT AMSL)

NOTE:
- WELLS SELECTED BASED ON SCREEN ELEVATION AND UNIT SCREENED.

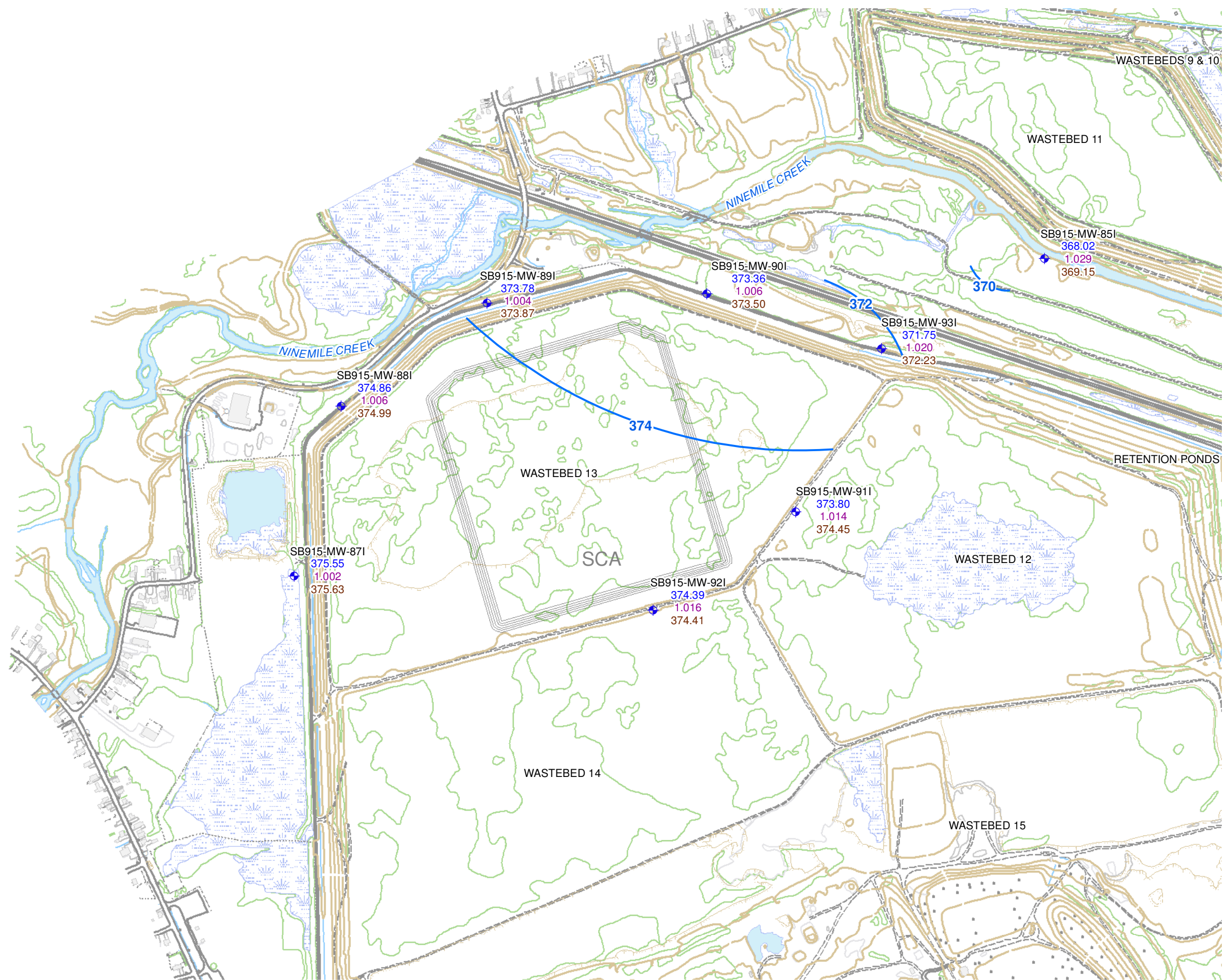
- THE POTENTIOMETRIC CONTOURS DEPICTED ARE INTERPOLATED FROM CALCULATED EFH'S.

HONEYWELL
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INTERMEDIATE
GROUNDWATER ELEVATIONS
NOVEMBER 2011



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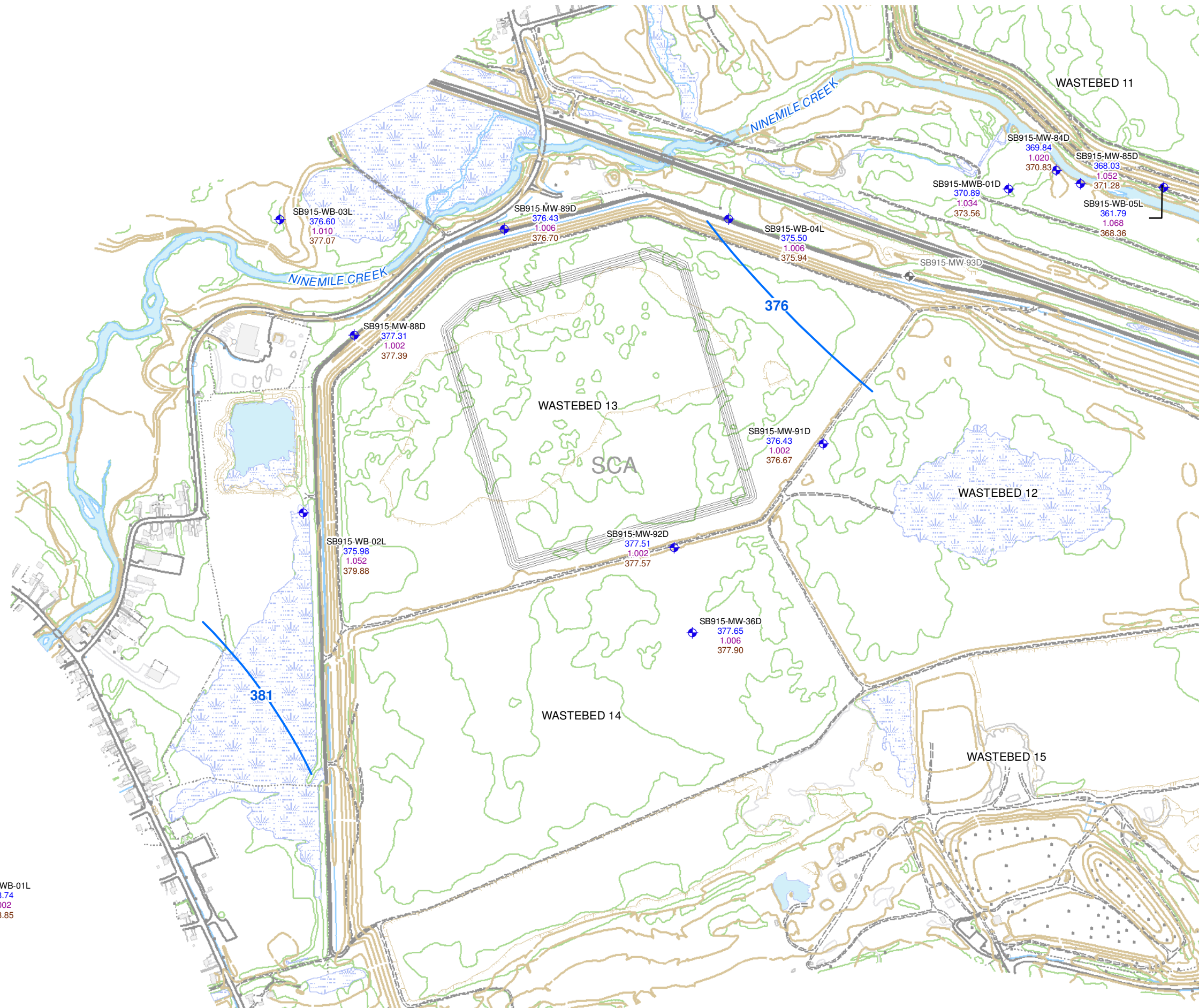






FIGURE 7-1



LEGEND

-  MONITORING WELL
-  GROUNDWATER CONTOUR
-  EQUIVALENT FRESH WATER HEAD (FT AMSL)
-  NOT YET INSTALLED

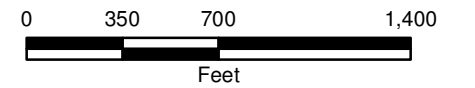
SB915-MW-92D - LOCATION ID
377.51 - GROUNDWATER ELEVATION (FTMSL)
1.002 - SPECIFIC GRAVITY
377.57 - EQUIVALENT FRESH WATER HEAD (FT AMSL)

NOTE:
 - WELLS SELECTED BASED ON SCREEN ELEVATION AND UNIT SCREENED.

- THE POTENTIOMETRIC CONTOURS DEPICTED ARE INTERPOLATED FROM CALCULATED EFH's.

HONEYWELL
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 GEDDES AND CAMILLUS, NY

**DEEP
 GROUNDWATER ELEVATIONS
 MARCH 2011**



MARCH 2012
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FIGURE 7-2



LEGEND

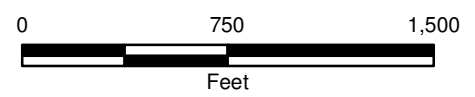
- MONITORING WELL
- GROUNDWATER CONTOUR
EQUIVALENT FRESH WATER HEAD
(FT AMSL)
- NOT YET INSTALLED

SB915-MW-92D - LOCATION ID
377.15 - GROUNDWATER ELEVATION (FTMSL)
1.002 - SPECIFIC GRAVITY
377.21 - EQUIVALENT FRESH WATER HEAD (FT AMSL)

NOTE:
 - WELLS SELECTED BASED ON SCREEN ELEVATION AND UNIT SCREENED.
 - THE POTENTIOMETRIC CONTOURS DEPICTED ARE INTERPOLATED FROM CALCULATED EFH's.

HONEYWELL
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 GEDDES AND CAMILLUS, NY

**DEEP
 GROUNDWATER ELEVATIONS
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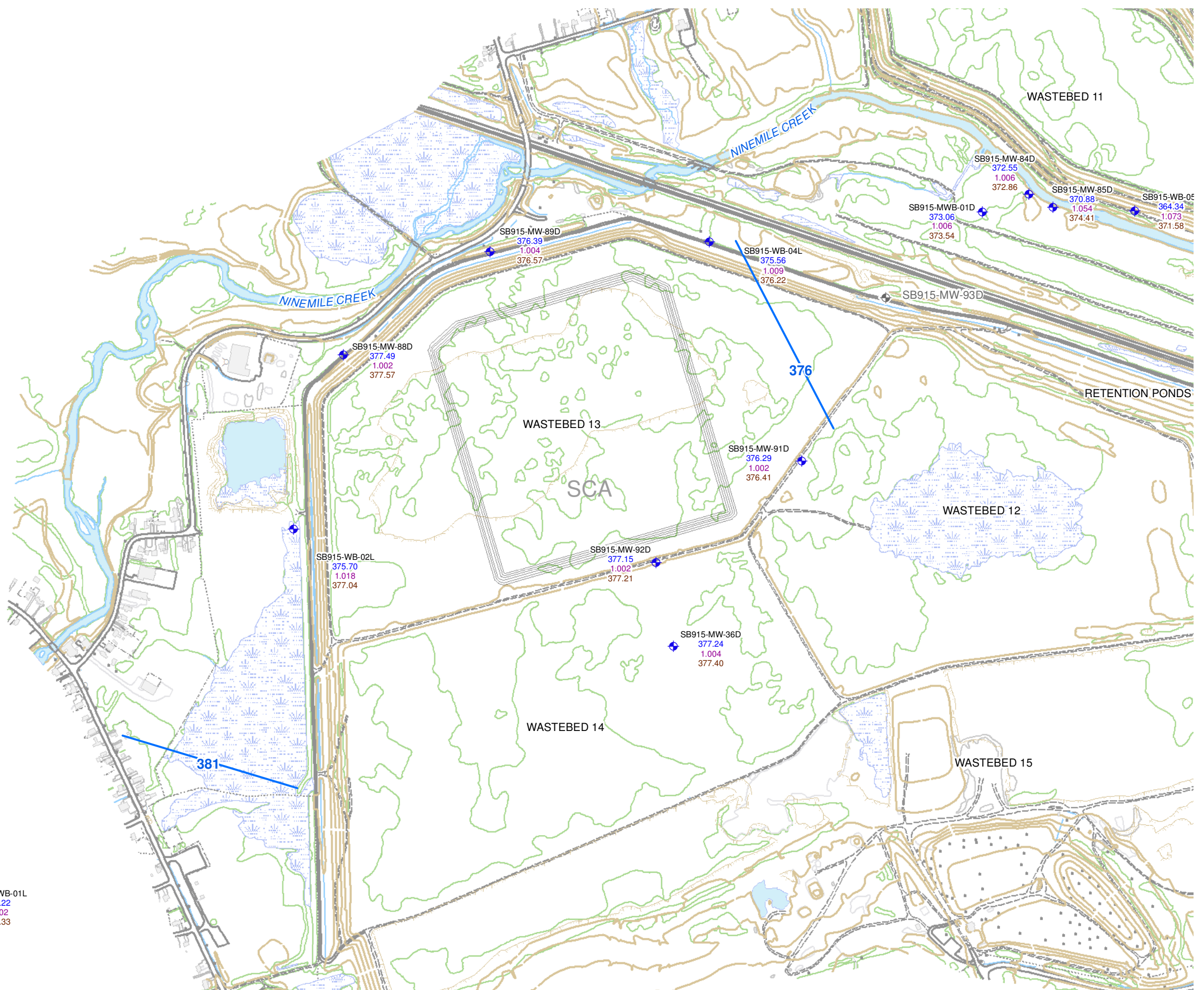


FIGURE 7-3



LEGEND

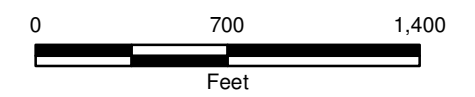
- ◆ MONITORING WELL
- GROUNDWATER CONTOUR
- EQUIVALENT FRESH WATER HEAD (FT AMSL)
- ◆ NOT YET INSTALLED

SB915-MW-92D - LOCATION ID
376.89 - GROUNDWATER ELEVATION (FTAMSL)
1.004 - SPECIFIC GRAVITY
377.00 - EQUIVALENT FRESH WATER HEAD (FT AMSL)

NOTE:
 - WELLS SELECTED BASED ON SCREEN ELEVATION AND UNIT SCREENED.
 - THE POTENTIOMETRIC CONTOURS DEPICTED ARE INTERPOLATED FROM CALCULATED EFH's.

HONEYWELL
 SETTLING BASINS 9-15
 GEDDES AND CAMILLUS, NY

**DEEP
 GROUNDWATER ELEVATIONS
 MAY 2011**



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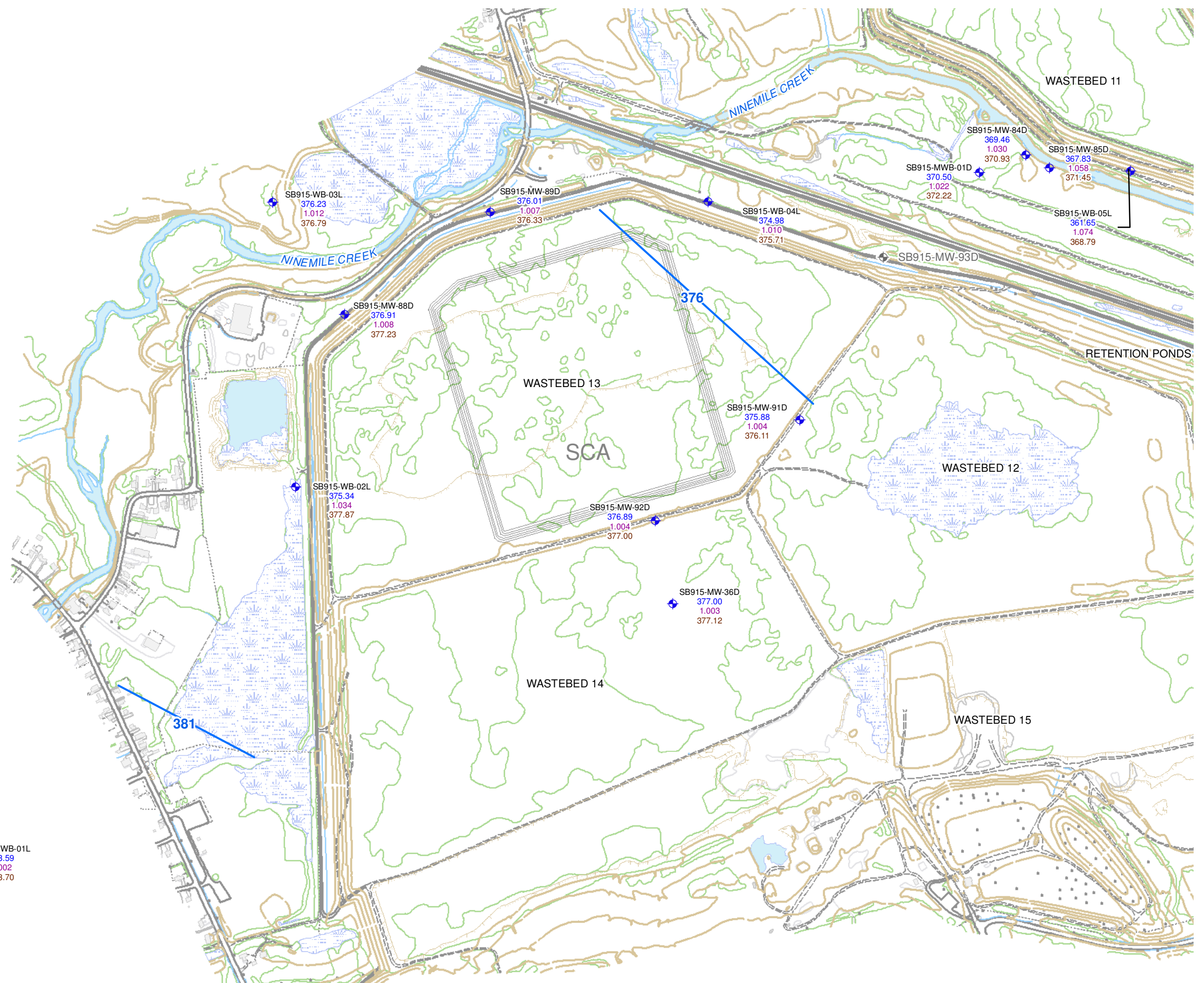


FIGURE 7-4



LEGEND

- MONITORING WELL
- GROUNDWATER CONTOUR
- EQUIVALENT FRESH WATER HEAD (FT AMSL)
- NOT YET INSTALLED

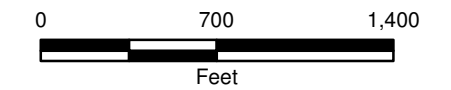
SB915-MW-92D - LOCATION ID
374.58 - GROUNDWATER ELEVATION (FTMSL)
1.006 - SPECIFIC GRAVITY
374.73 - EQUIVALENT FRESH WATER HEAD (FT AMSL)

NOTE:
 - WELLS SELECTED BASED ON SCREEN ELEVATION AND UNIT SCREENED.

- THE POTENTIOMETRIC CONTOURS DEPICTED ARE INTERPOLATED FROM CALCULATED EFH's.

**HONEYWELL
 SETTLING BASINS 9-15
 GEDDES AND CAMILLUS, NY**

**DEEP
 GROUNDWATER ELEVATIONS
 JUNE 2011**



MARCH 2011
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SB915-WB-01L
 381.00
 1.000
 381.00

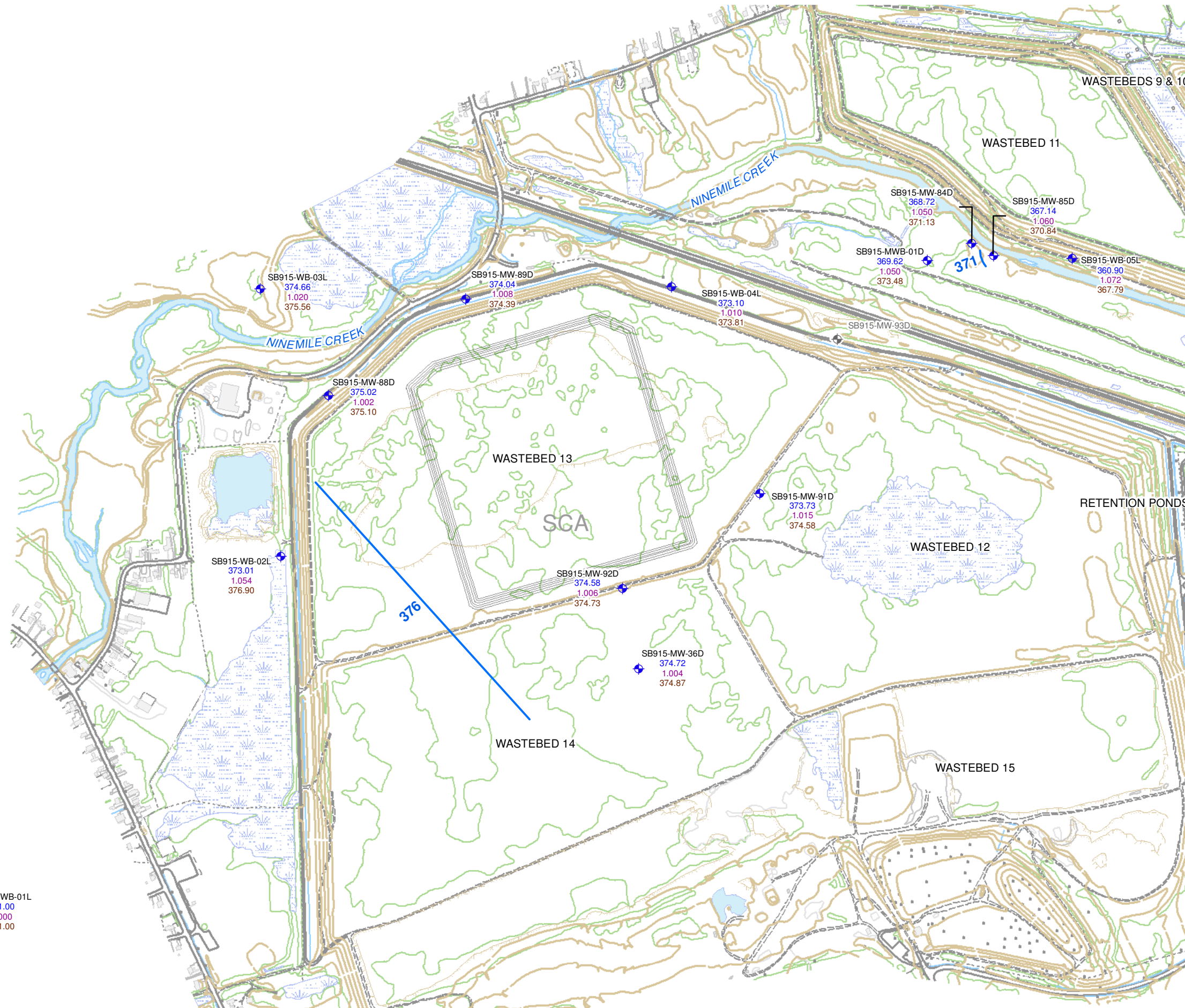


FIGURE 7-5



LEGEND

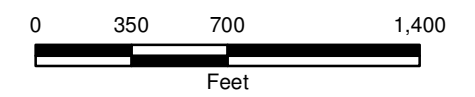
- MONITORING WELL
- GROUNDWATER CONTOUR
- EQUIVALENT FRESH WATER HEAD (FT AMSL)
- NOT YET INSTALLED

SB915-MW-92D - LOCATION ID
 373.24 - GROUNDWATER ELEVATION (FTAMSL)
 1.002 - SPECIFIC GRAVITY
 373.29 - EQUIVALENT FRESH WATER HEAD (FT AMSL)

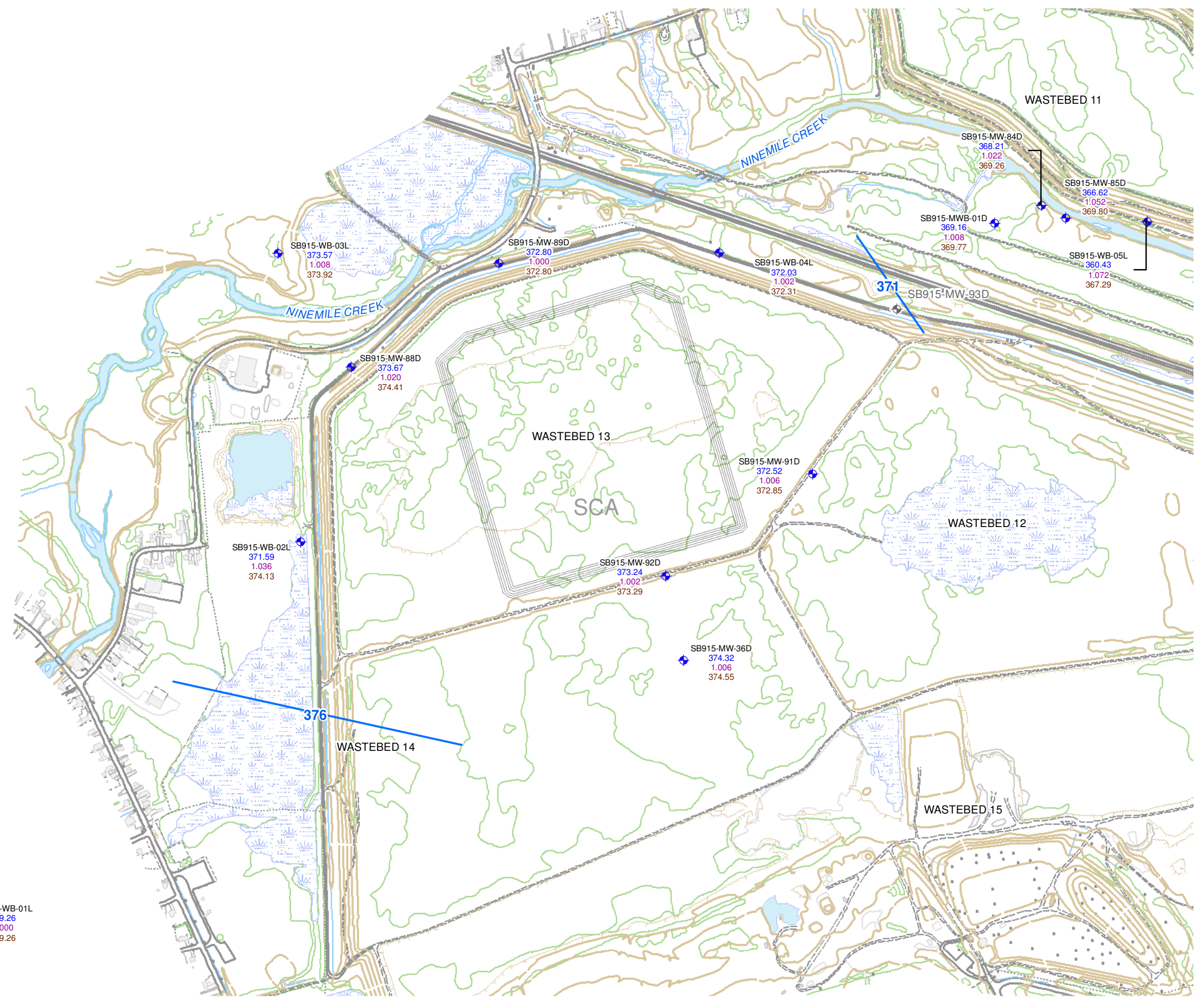
NOTE:
 - WELLS SELECTED BASED ON SCREEN ELEVATION AND UNIT SCREENED.
 - THE POTENTIOMETRIC CONTOURS DEPICTED ARE INTERPOLATED FROM CALCULATED EFH's.

HONEYWELL
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FIGURE 7-6



LEGEND

- MONITORING WELL
- GROUNDWATER CONTOUR
- EQUIVALENT FRESH WATER HEAD (FT AMSL)
- NOT YET INSTALLED

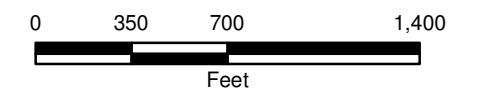
SB915-MW-92D - LOCATION ID
 373.27 - GROUNDWATER ELEVATION (FTMSL)
 1.002 - SPECIFIC GRAVITY
 373.31 - EQUIVALENT FRESH WATER HEAD (FT AMSL)

NOTE:
 - WELLS SELECTED BASED ON SCREEN ELEVATION AND UNIT SCREENED.

- THE POTENTIOMETRIC CONTOURS DEPICTED ARE INTERPOLATED FROM CALCULATED EFH's.

HONEYWELL
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 GROUNDWATER ELEVATIONS
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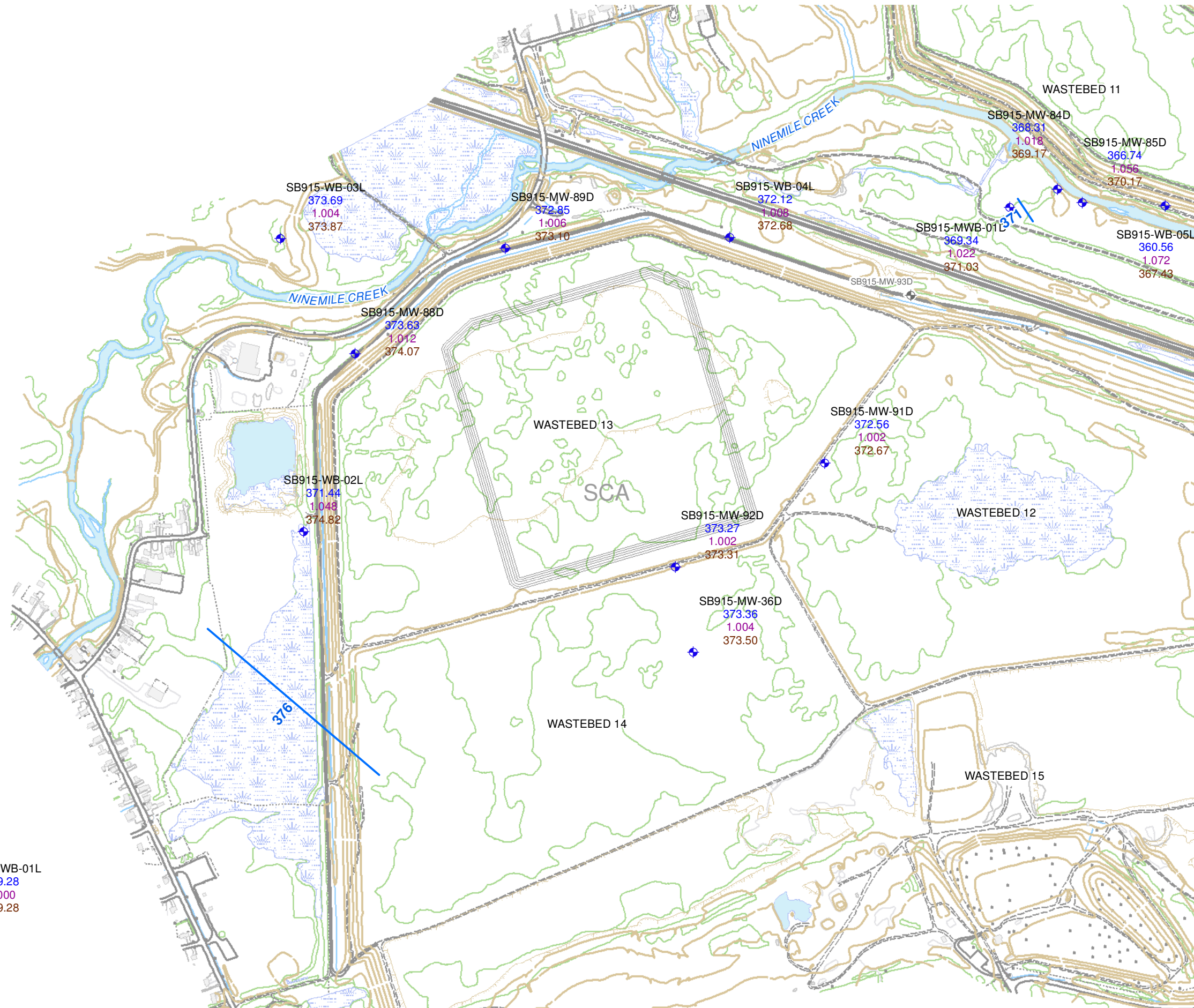





FIGURE 7-7



LEGEND

-  MONITORING WELL
-  GROUNDWATER CONTOUR
-  EQUIVALENT FRESH WATER HEAD (FT AMSL)

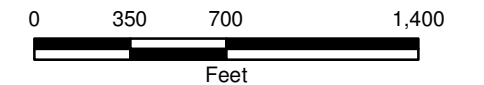
SB915-MW-92D - LOCATION ID
 373.54 - GROUNDWATER ELEVATION (FTMSL)
 1.002 - SPECIFIC GRAVITY
 373.59 - EQUIVALENT FRESH WATER HEAD (FT AMSL)

NOTE:
 - WELLS SELECTED BASED ON SCREEN ELEVATION AND UNIT SCREENED.

- THE POTENTIOMETRIC CONTOURS DEPICTED ARE INTERPOLATED FROM CALCULATED EFH's.

HONEYWELL
 SETTLING BASINS 9-15
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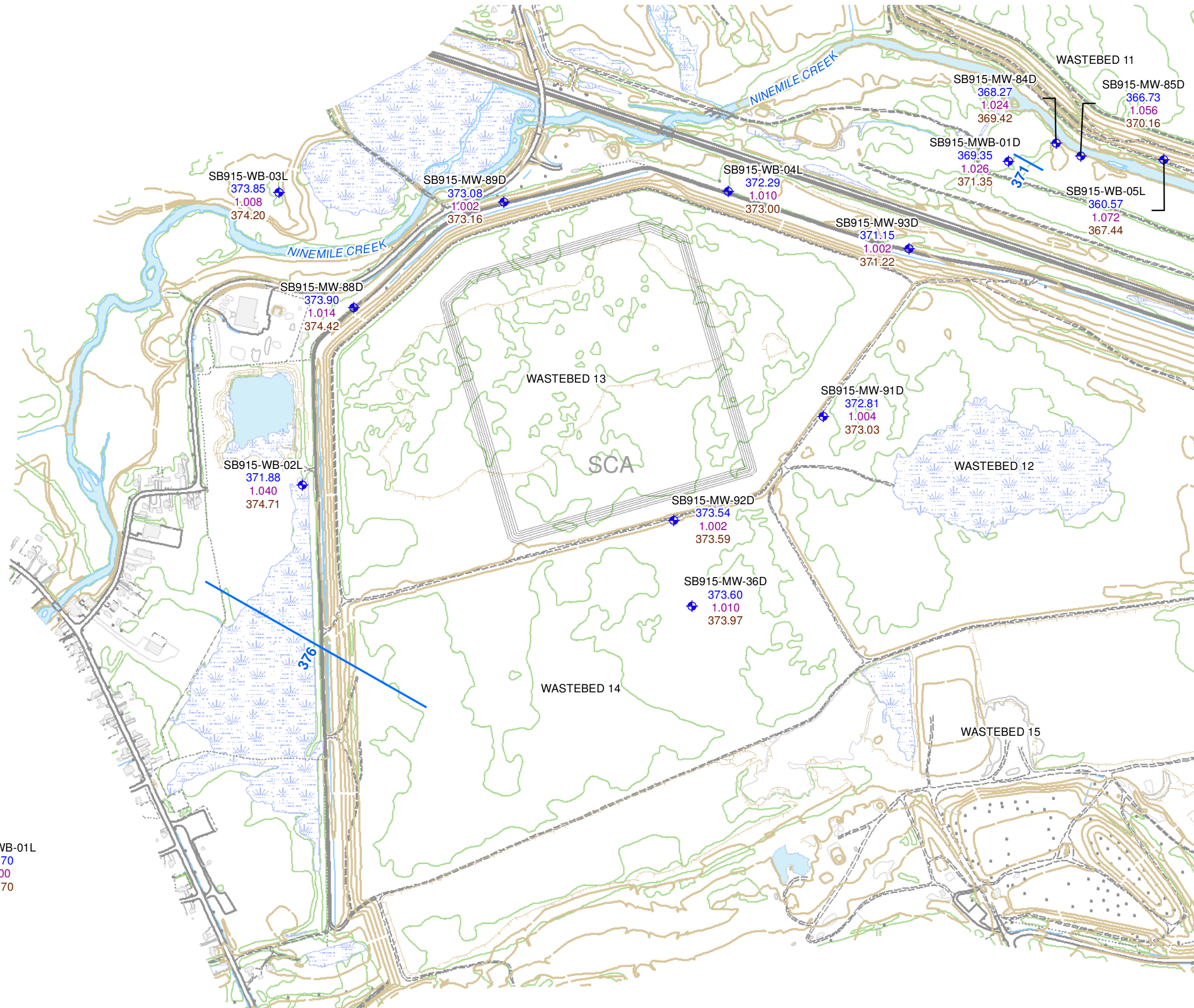





FIGURE 7-8



LEGEND

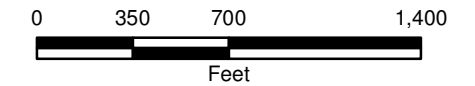
-  MONITORING WELL
-  GROUNDWATER CONTOUR
-  EQUIVALENT FRESH WATER HEAD (FT AMSL)

SB915-MW-92D - LOCATION ID
 374.16 - GROUNDWATER ELEVATION (FTMSL)
 1.006 - SPECIFIC GRAVITY
 374.31 - EQUIVALENT FRESH WATER HEAD (FT AMSL)

NOTE:
 - WELLS SELECTED BASED ON SCREEN ELEVATION AND UNIT SCREENED.
 - THE POTENTIOMETRIC CONTOURS DEPICTED ARE INTERPOLATED FROM CALCULATED EFH's.

HONEYWELL
 SETTLING BASINS 9-15
 GEDDES AND CAMILLUS, NY

DEEP
 GROUNDWATER ELEVATIONS
 OCTOBER 2011



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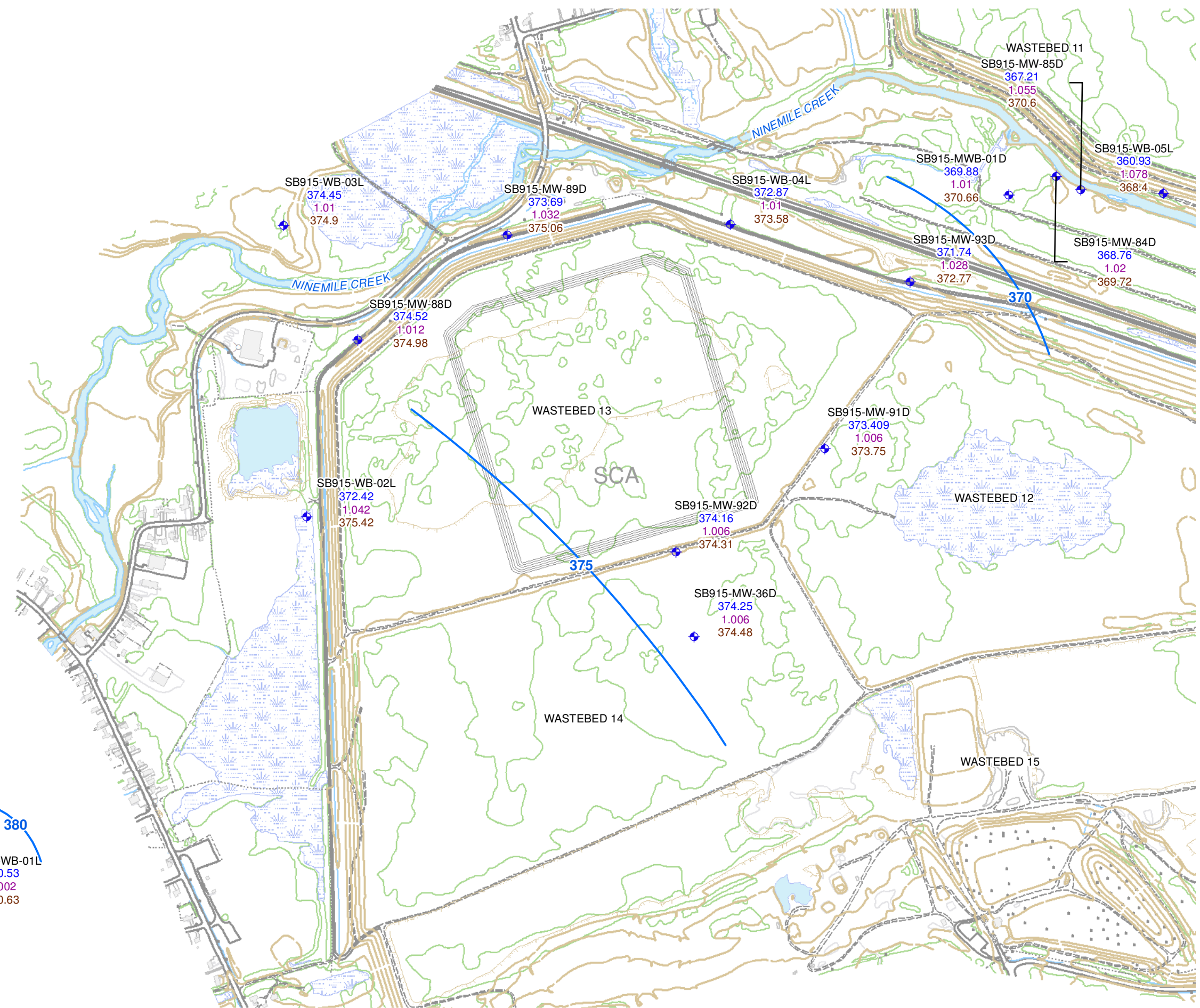


FIGURE 7-9



LEGEND

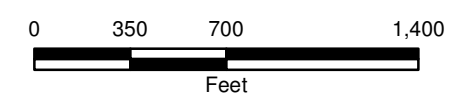
- MONITORING WELL
- GROUNDWATER CONTOUR
- EQUIVALENT FRESH WATER HEAD (FT AMSL)

SB915-MW-92D - LOCATION ID
 374.53 - GROUNDWATER ELEVATION (FTMSL)
 1.004 - SPECIFIC GRAVITY
 374.63 - EQUIVALENT FRESH WATER HEAD (FT AMSL)

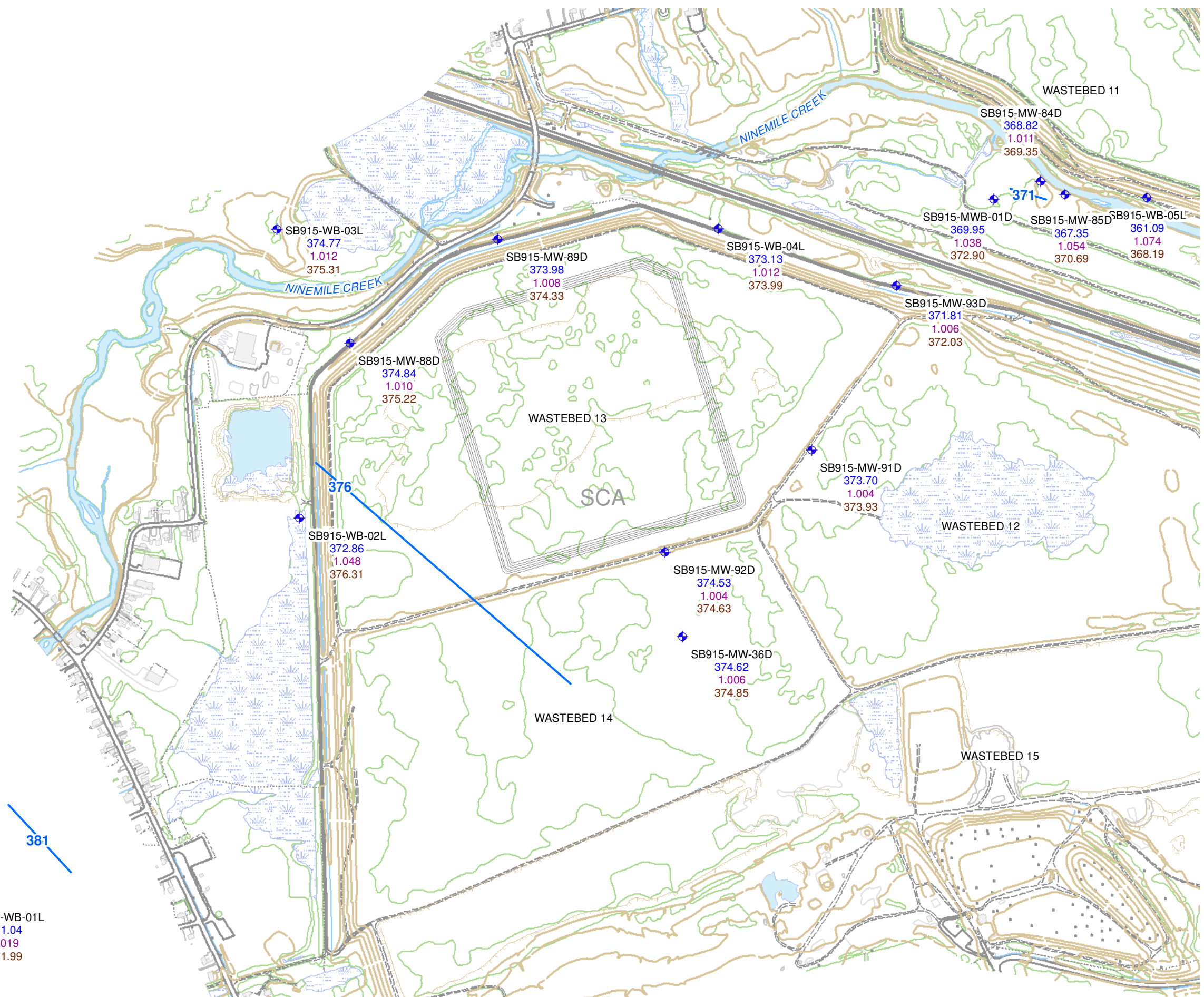
NOTE:
 - WELLS SELECTED BASED ON SCREEN ELEVATION AND UNIT SCREENED.
 - THE POTENTIOMETRIC CONTOURS DEPICTED ARE INTERPOLATED FROM CALCULATED EFH's.

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**DEEP
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FIGURE 7-10



LEGEND

-  MONITORING WELL
-  GROUNDWATER CONTOUR
-  EQUIVALENT FRESH WATER HEAD (FT AMSL)

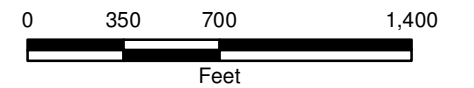
SB915-MW-92I - LOCATION ID
 371.42 - GROUNDWATER ELEVATION (FTAMSL)
 1.002 - SPECIFIC GRAVITY
 371.47 - EQUIVALENT FRESH WATER HEAD (FT AMSL)

NOTE:
 - WELLS SELECTED BASED ON SCREEN ELEVATION AND UNIT SCREENED.

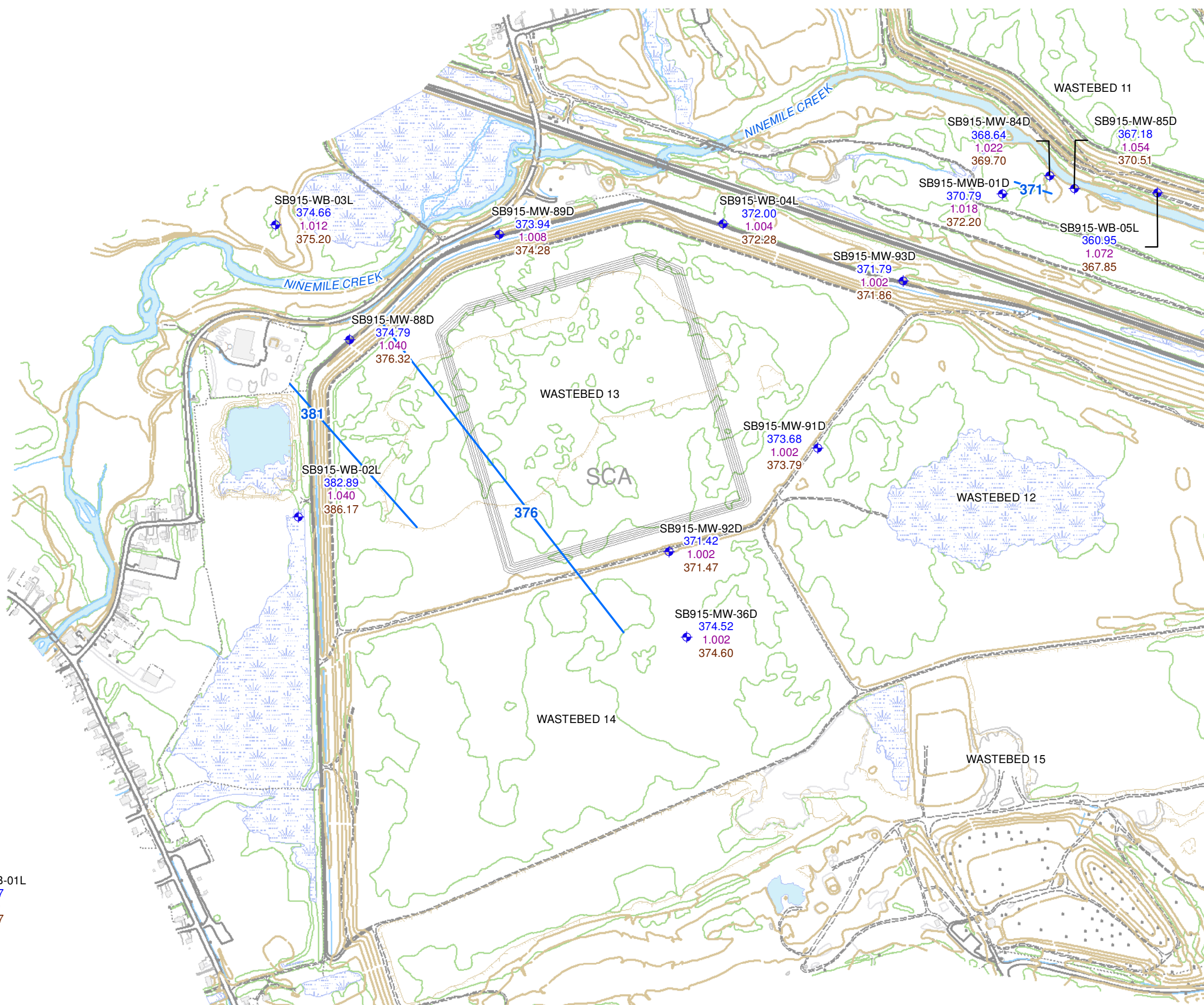
- THE POTENTIOMETRIC CONTOURS DEPICTED ARE INTERPOLATED FROM CALCULATED EFH's.

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DEEP GROUNDWATER ELEVATIONS DECEMBER 2011



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This document was developed in color. Reproduction in B/W may not represent the data as intended.

FIGURE 7-11



LEGEND

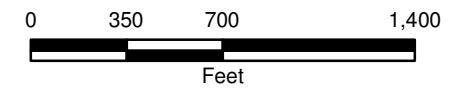
-  MONITORING WELL
-  GROUNDWATER CONTOUR
-  EQUIVALENT FRESH WATER HEAD (FT AMSL)

SB915-MW-92D - LOCATION ID
 375.57 - GROUNDWATER ELEVATION (FTAMSL)
 1.002 - SPECIFIC GRAVITY
 375.62 - EQUIVALENT FRESH WATER HEAD (FT AMSL)

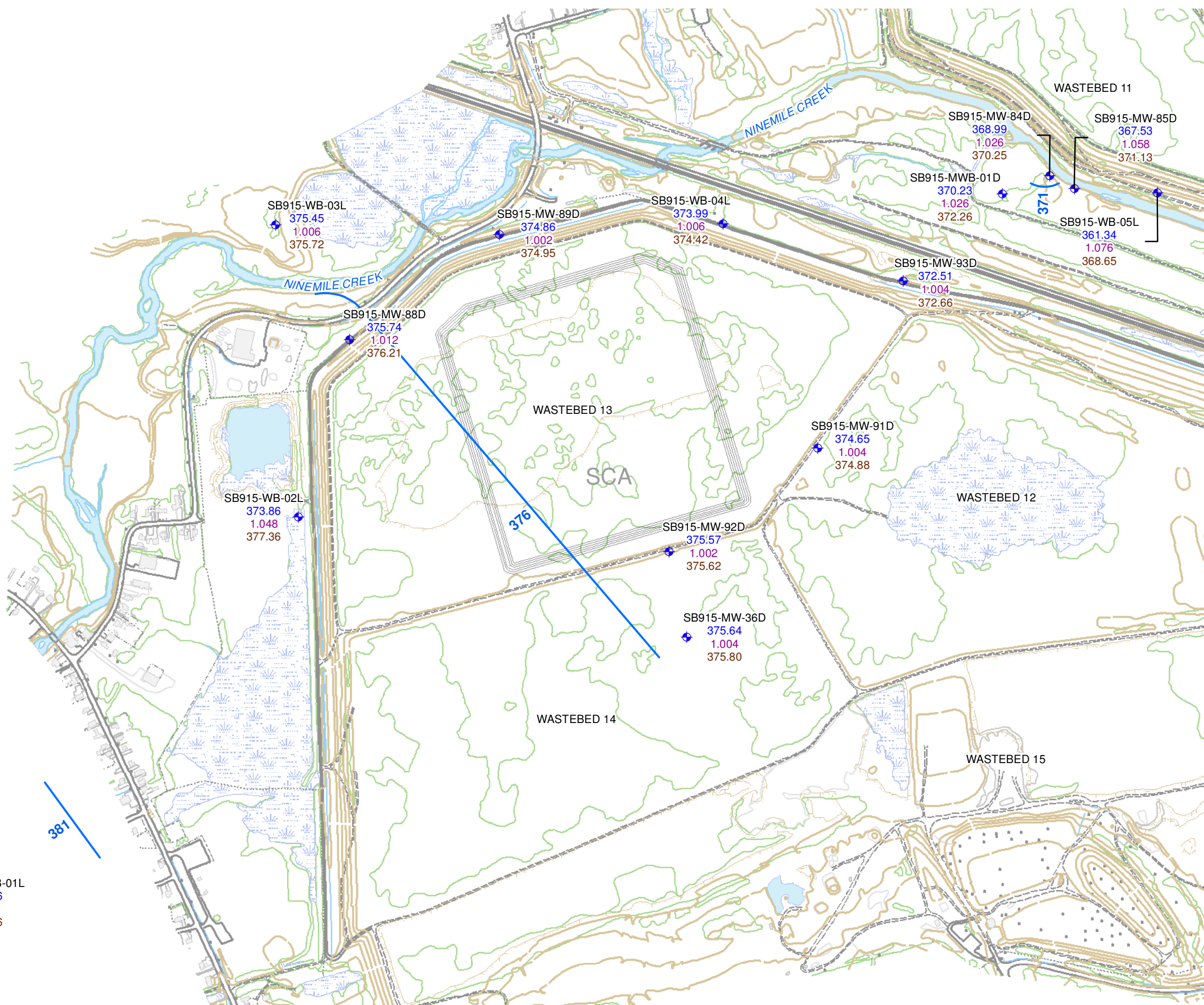
NOTE:
 - WELLS SELECTED BASED ON SCREEN ELEVATION AND UNIT SCREENED.
 - THE POTENTIOMETRIC CONTOURS DEPICTED ARE INTERPOLATED FROM CALCULATED EFH's.

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DEEP
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 JANUARY 2012



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SB915-WB-01L
 382.16
 1.002
 382.26

FIGURE 7-12



LEGEND

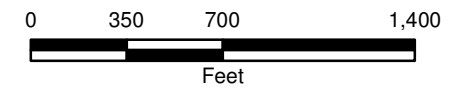
- MONITORING WELL
- GROUNDWATER CONTOUR
- EQUIVALENT FRESH WATER HEAD (FT AMSL)

SB915-MW-92D - LOCATION ID
 374.80 - GROUNDWATER ELEVATION (FTAMSL)
 1.006 - SPECIFIC GRAVITY
 374.95 - EQUIVALENT FRESH WATER HEAD (FT AMSL)

NOTE:
 - WELLS SELECTED BASED ON SCREEN ELEVATION AND UNIT SCREENED.
 - THE POTENTIOMETRIC CONTOURS DEPICTED ARE INTERPOLATED FROM CALCULATED EFH's.

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 SETTLING BASINS 9-15
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DEEP
 GROUNDWATER ELEVATIONS
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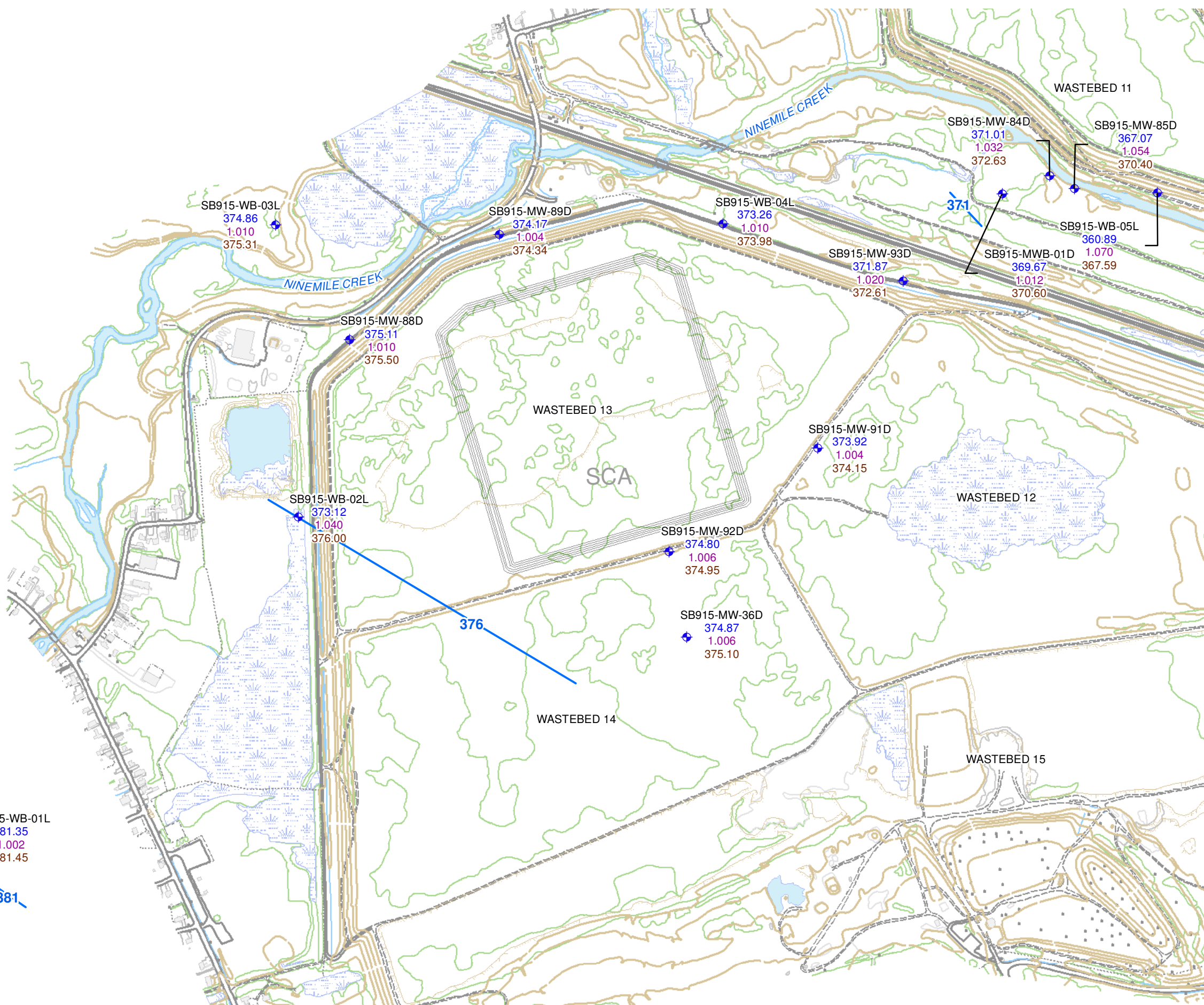


FIGURE 8-1



LEGEND

- MONITORING WELL
- NOT YET INSTALLED
- GROUNDWATER CONTOUR
- EQUIVALENT FRESH WATER HEAD (FT AMSL)
- NOT FULLY RECOVERED FROM WELL DEVELOPMENT ACTIVITIES

SB915-MW-91BR	- LOCATION ID
358.46	- GROUNDWATER ELEVATION (FTMSL)
1.090	- SPECIFIC GRAVITY
368.69	- EQUIVALENT FRESH WATER HEAD (FT AMSL)

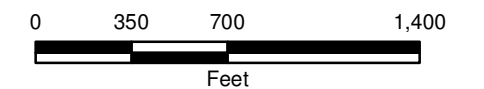
NOTE:
 - GROUNDWATER LEVELS AT LOCATIONS SB915-MW-91BR AND SB915-MW-92BR WERE NOT AT STATIC.

- WELLS SELECTED BASED ON SCREEN ELEVATION AND UNIT SCREENED.

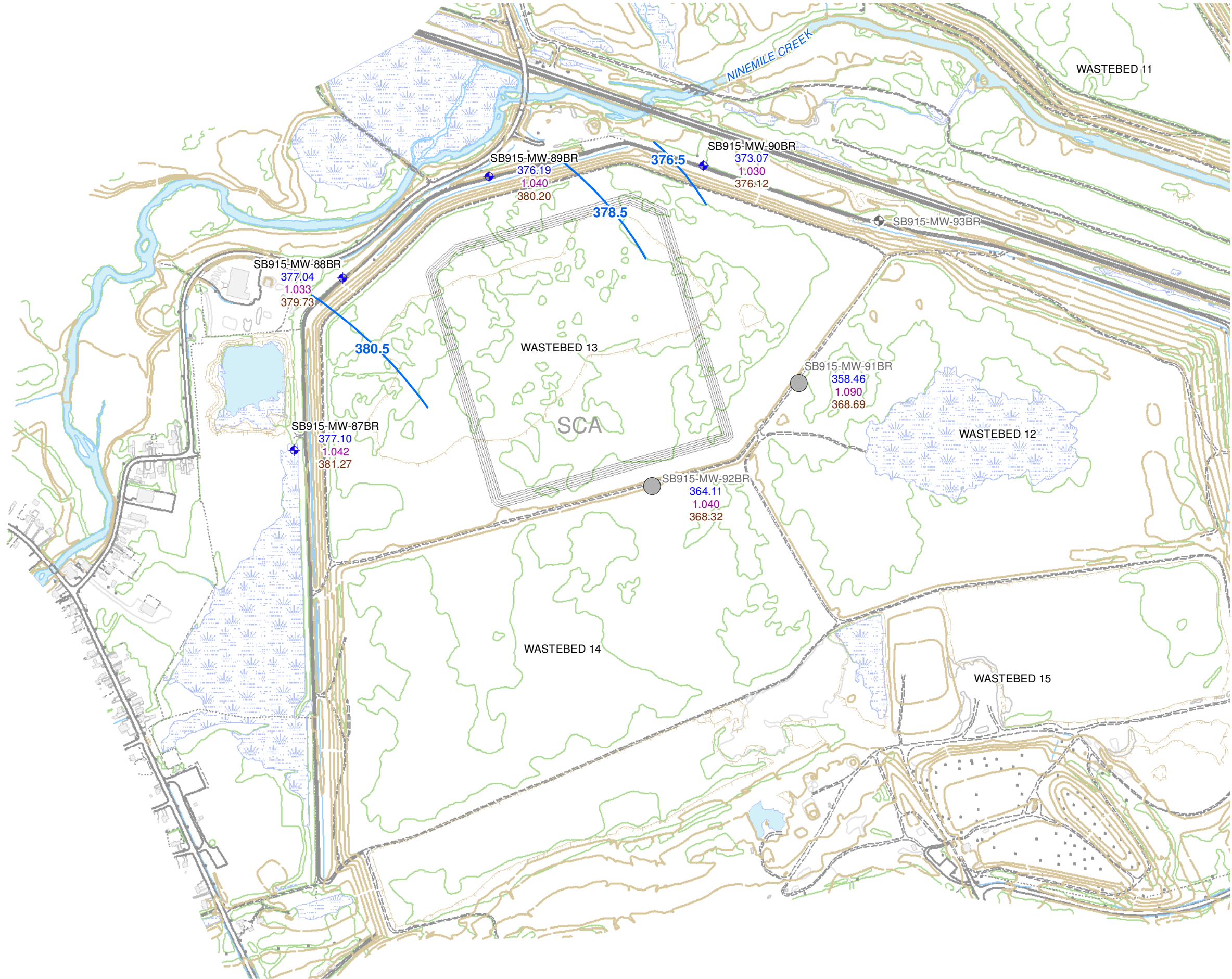
- THE POTENTIOMETRIC CONTOURS DEPICTED ARE INTERPOLATED FROM CALCULATED EFH's.

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BEDROCK
 GROUNDWATER ELEVATIONS
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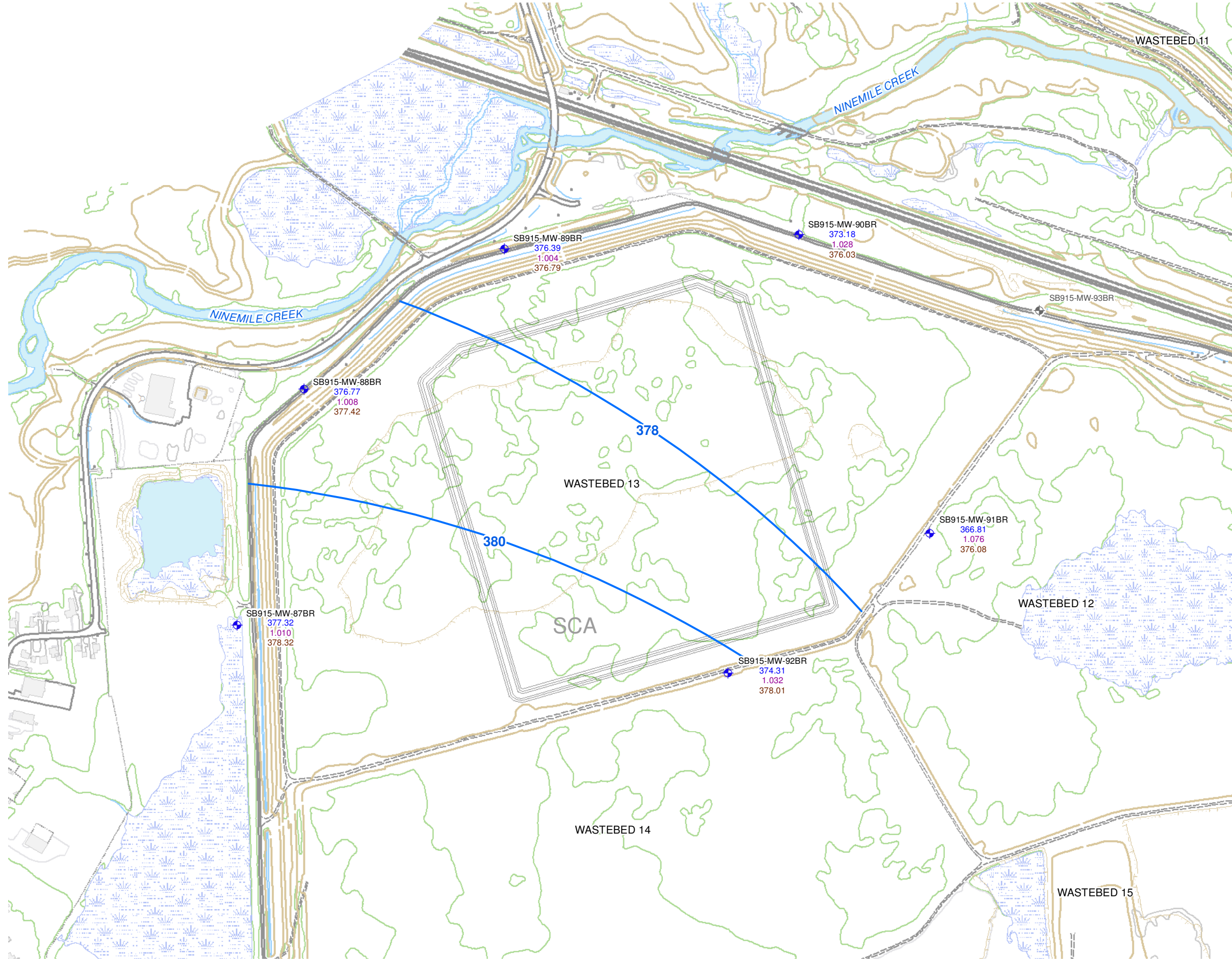


FIGURE 8-2



LEGEND

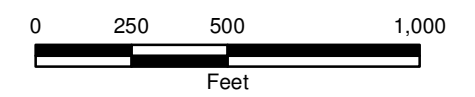
- MONITORING WELL
- NOT YET INSTALLED
- GROUNDWATER CONTOUR
- EQUIVALENT FRESH WATER HEAD (FT AMSL)

SB915-MW-91BR - LOCATION ID
366.81 - GROUNDWATER ELEVATION (FT AMSL)
1.090 - SPECIFIC GRAVITY
376.08 - EQUIVALENT FRESH WATER HEAD (FT AMSL)

NOTE:
 - WELLS SELECTED BASED ON SCREEN ELEVATION AND UNIT SCREENED.
 - THE POTENTIOMETRIC CONTOURS DEPICTED ARE INTERPOLATED FROM CALCULATED EFH's.

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FIGURE 8-3



LEGEND

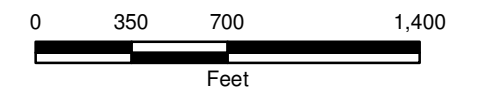
- MONITORING WELL
- NOT YET INSTALLED
- GROUNDWATER CONTOUR
- EQUIVALENT FRESH WATER HEAD (FT AMSL)

SB915-MW-91BR	- LOCATION ID
367.01	- GROUNDWATER ELEVATION (FTAMSL)
1.082	- SPECIFIC GRAVITY
377.03	- EQUIVALENT FRESH WATER HEAD (FT AMSL)

NOTE:
 - WELLS SELECTED BASED ON SCREEN ELEVATION AND UNIT SCREENED.
 - THE POTENTIOMETRIC CONTOURS DEPICTED ARE INTERPOLATED FROM CALCULATED EFH's.

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**BEDROCK
 GROUNDWATER ELEVATIONS
 MAY 2011**



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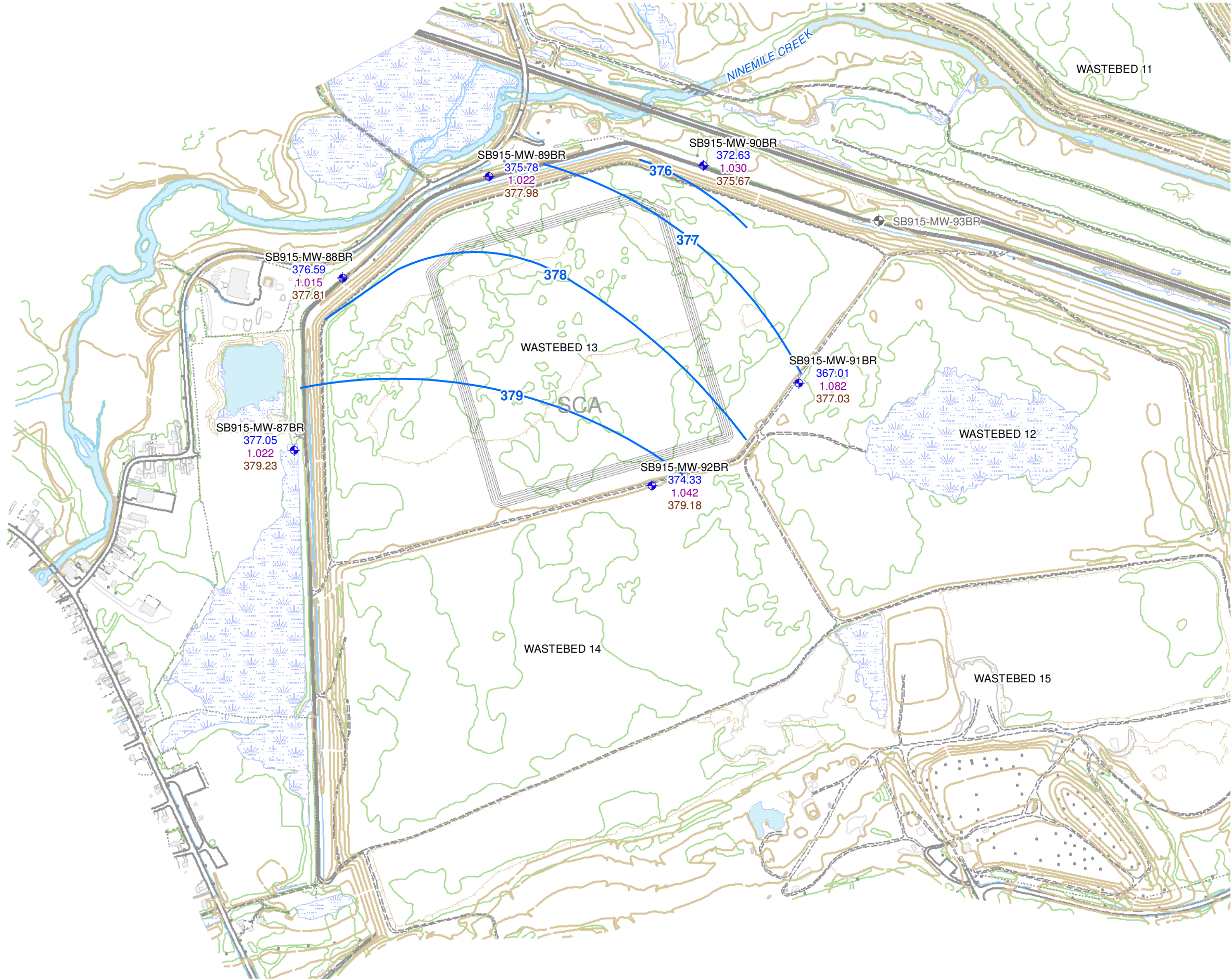


FIGURE 8-4



LEGEND

- MONITORING WELL
- NOT YET INSTALLED
- GROUNDWATER CONTOUR
- EQUIVALENT FRESH WATER HEAD (FT AMSL)

SB915-MW-91BR - LOCATION ID

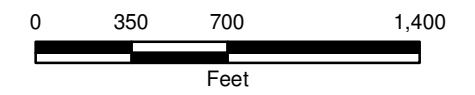
365.59	- GROUNDWATER ELEVATION (FTMSL)
1.088	- SPECIFIC GRAVITY
376.22	- EQUIVALENT FRESH WATER HEAD (FT AMSL)

NOTE:
- WELLS SELECTED BASED ON SCREEN ELEVATION AND UNIT SCREENED.

- THE POTENTIOMETRIC CONTOURS DEPICTED ARE INTERPOLATED FROM CALCULATED EFH's.

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JUNE 2011**



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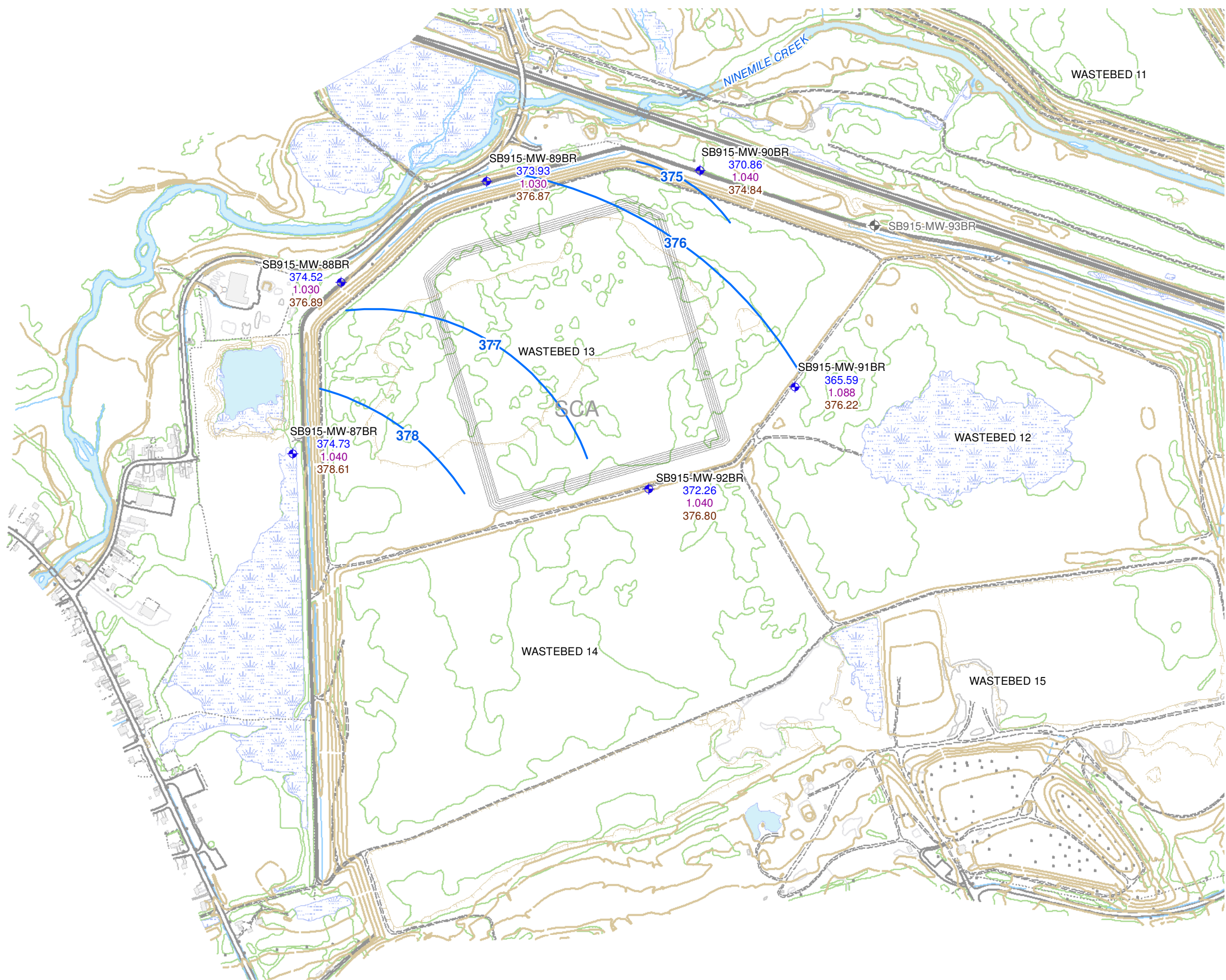


FIGURE 8-5



LEGEND

- MONITORING WELL
- NOT YET INSTALLED
- GROUNDWATER CONTOUR
- EQUIVALENT FRESH WATER HEAD (FT AMSL)

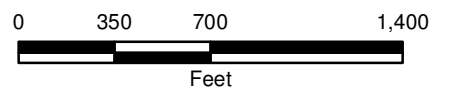
SB915-MW-91BR - LOCATION ID

363.87	- GROUNDWATER ELEVATION (FTMSL)
1.088	- SPECIFIC GRAVITY
374.35	- EQUIVALENT FRESH WATER HEAD (FT AMSL)

NOTE:
 - WELLS SELECTED BASED ON SCREEN ELEVATION AND UNIT SCREENED.
 - THE POTENTIOMETRIC CONTOURS DEPICTED ARE INTERPOLATED FROM CALCULATED EFH's.

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**BEDROCK
 GROUNDWATER ELEVATIONS
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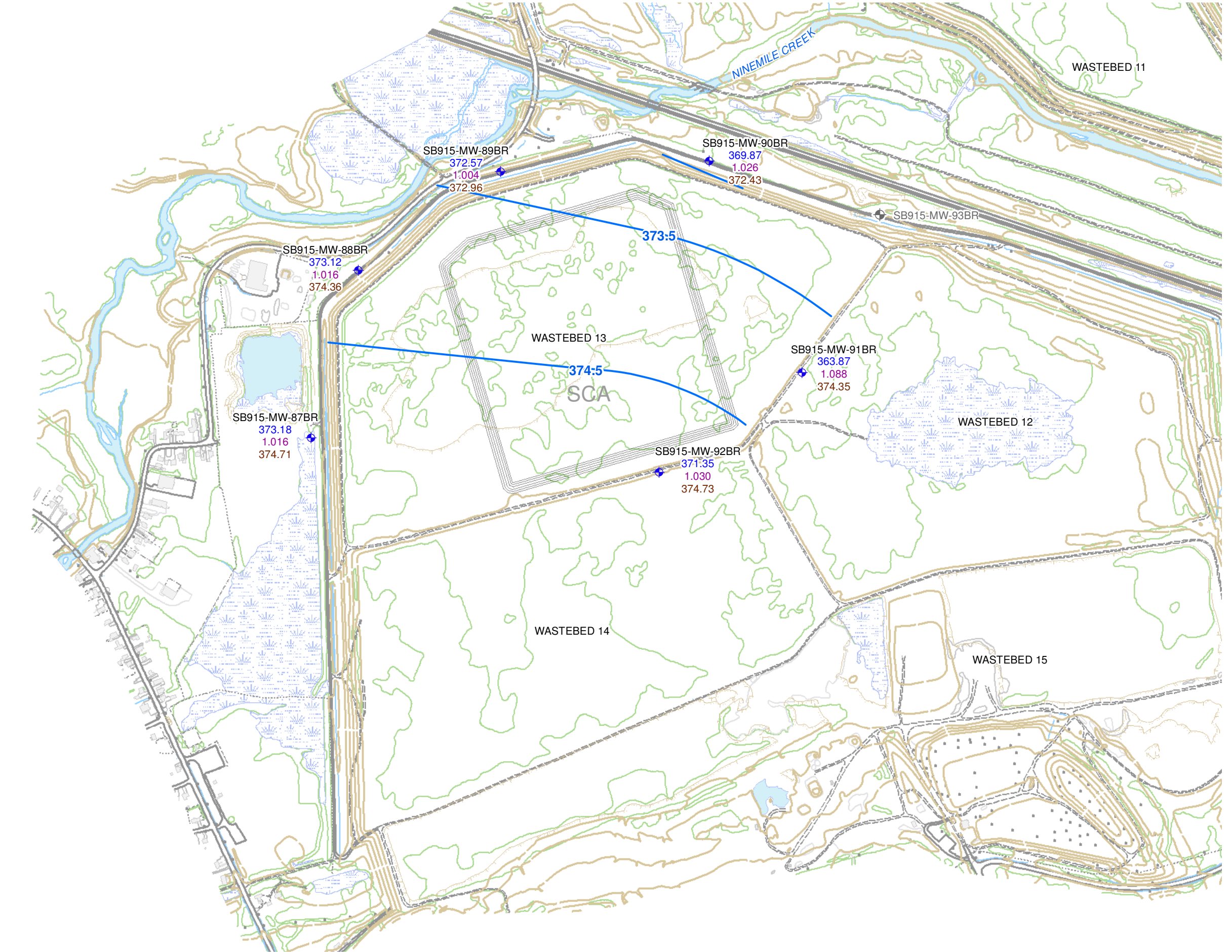


FIGURE 8-6



LEGEND

- MONITORING WELL
- NOT YET INSTALLED
- GROUNDWATER CONTOUR
- EQUIVALENT FRESH WATER HEAD (FT AMSL)

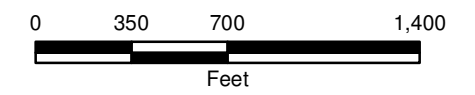
SB915-MW-91BR - LOCATION ID

364.16	- GROUNDWATER ELEVATION (FTMSL)
1.086	- SPECIFIC GRAVITY
374.43	- EQUIVALENT FRESH WATER HEAD (FT AMSL)

NOTE:
 - WELLS SELECTED BASED ON SCREEN ELEVATION AND UNIT SCREENED.
 - THE POTENTIOMETRIC CONTOURS DEPICTED ARE INTERPOLATED FROM CALCULATED EFH's.

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**BEDROCK
 GROUNDWATER ELEVATIONS
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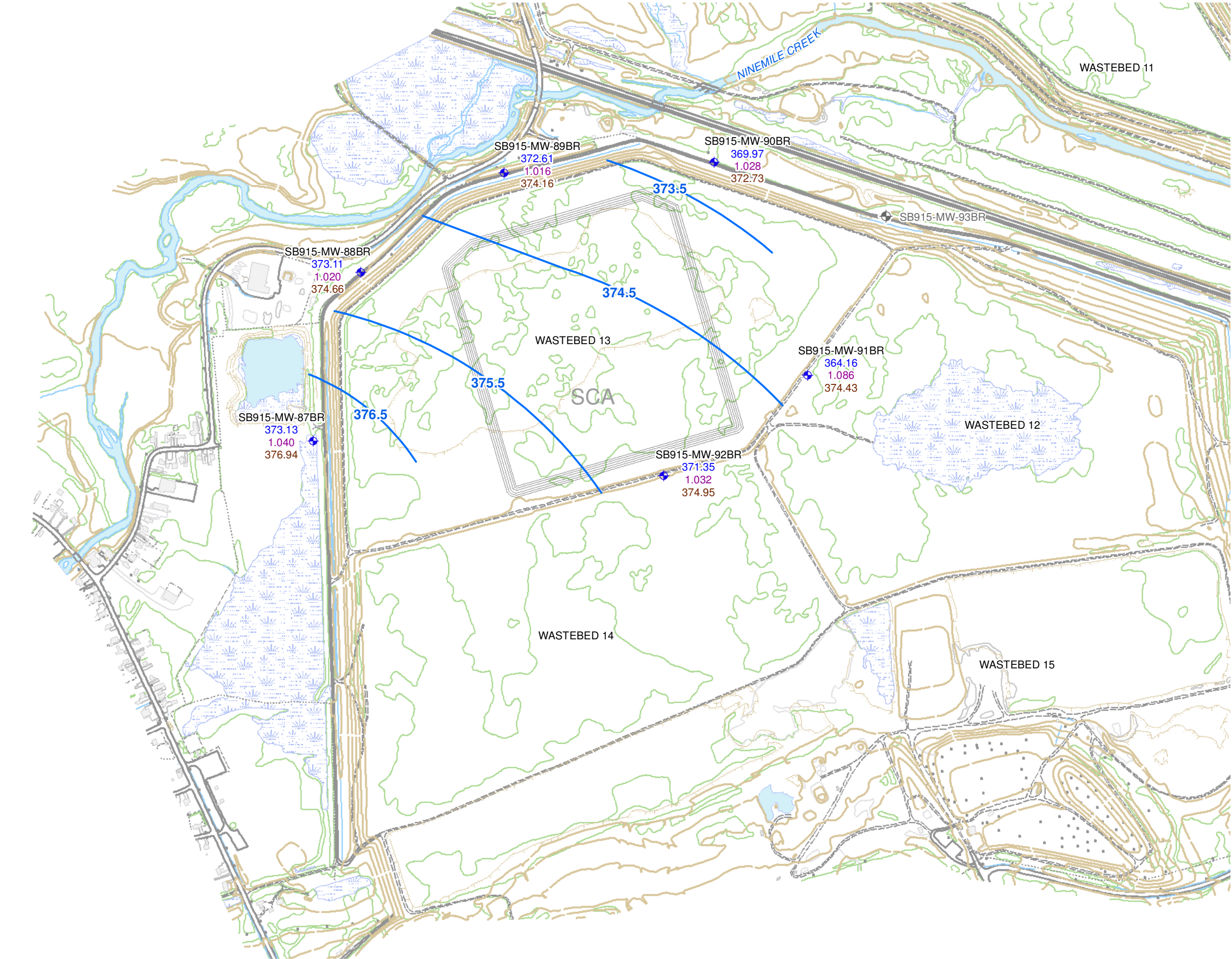


FIGURE 8-7



LEGEND

- MONITORING WELL
- GROUNDWATER CONTOUR
- EQUIVALENT FRESH WATER HEAD (FT AMSL)

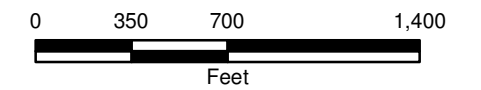
SB915-MW-91BR	- LOCATION ID
364.47	- GROUNDWATER ELEVATION (FTMSL)
1.092	- SPECIFIC GRAVITY
375.48	- EQUIVALENT FRESH WATER HEAD (FT AMSL)

NOTE:
 - WELLS SELECTED BASED ON SCREEN ELEVATION AND UNIT SCREENED.

- THE POTENTIOMETRIC CONTOURS DEPICTED ARE INTERPOLATED FROM CALCULATED EFH'S.

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 GEDDES AND CAMILLUS, NY

BEDROCK GROUNDWATER ELEVATIONS SEPTEMBER 2011



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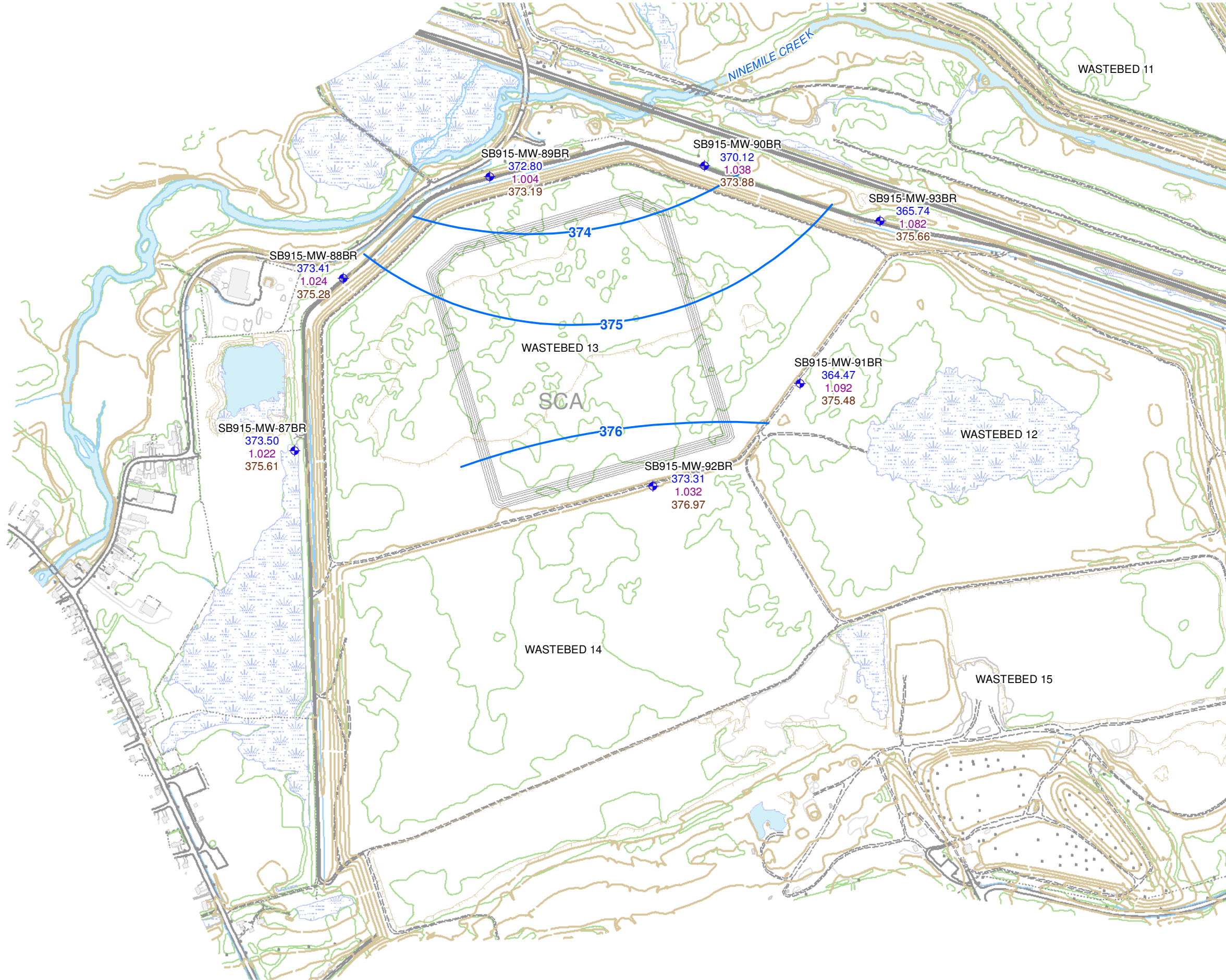





FIGURE 8-8



LEGEND

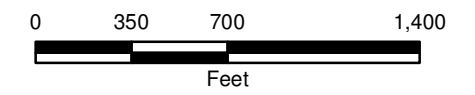
-  MONITORING WELL
-  GROUNDWATER CONTOUR
-  EQUIVALENT FRESH WATER HEAD (FT AMSL)

SB915-MW-91BR - LOCATION ID
 364.45 - GROUNDWATER ELEVATION (FTMSL)
 1.088 - SPECIFIC GRAVITY
 374.98 - EQUIVALENT FRESH WATER HEAD (FT AMSL)

NOTE:
 - WELLS SELECTED BASED ON SCREEN ELEVATION AND UNIT SCREENED.
 - THE POTENTIOMETRIC CONTOURS DEPICTED ARE INTERPOLATED FROM CALCULATED EFH's.

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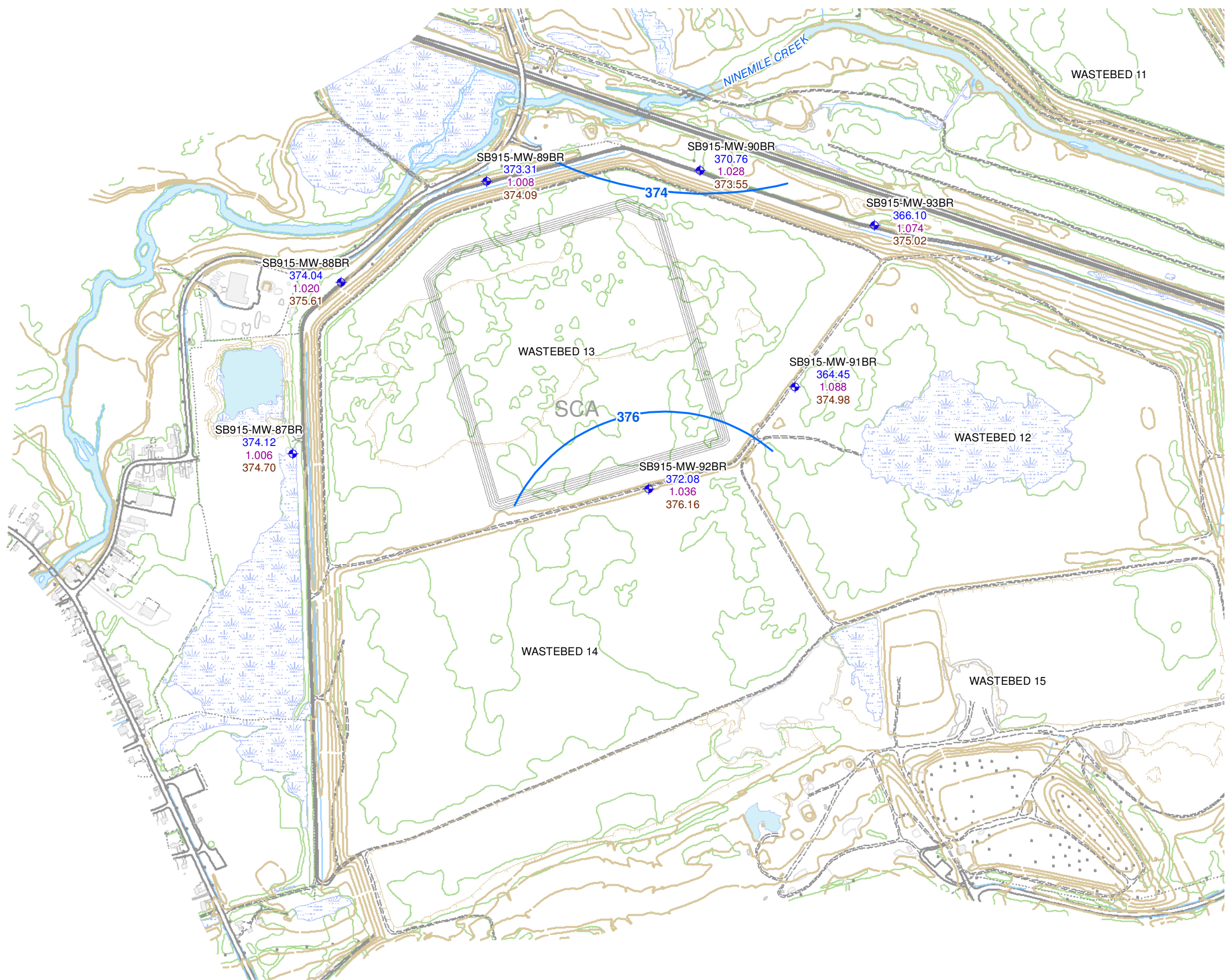





FIGURE 8-9



LEGEND

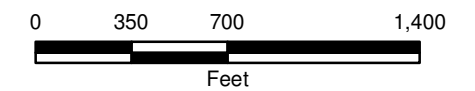
-  MONITORING WELL
-  GROUNDWATER CONTOUR
-  EQUIVALENT FRESH WATER HEAD (FT AMSL)

SB915-MW-91BR	- LOCATION ID
364.93	- GROUNDWATER ELEVATION (FTMSL)
1.092	- SPECIFIC GRAVITY
375.92	- EQUIVALENT FRESH WATER HEAD (FT AMSL)

NOTE:
 - WELLS SELECTED BASED ON SCREEN ELEVATION AND UNIT SCREENED.
 - THE POTENTIOMETRIC CONTOURS DEPICTED ARE INTERPOLATED FROM CALCULATED EFH's.

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**BEDROCK
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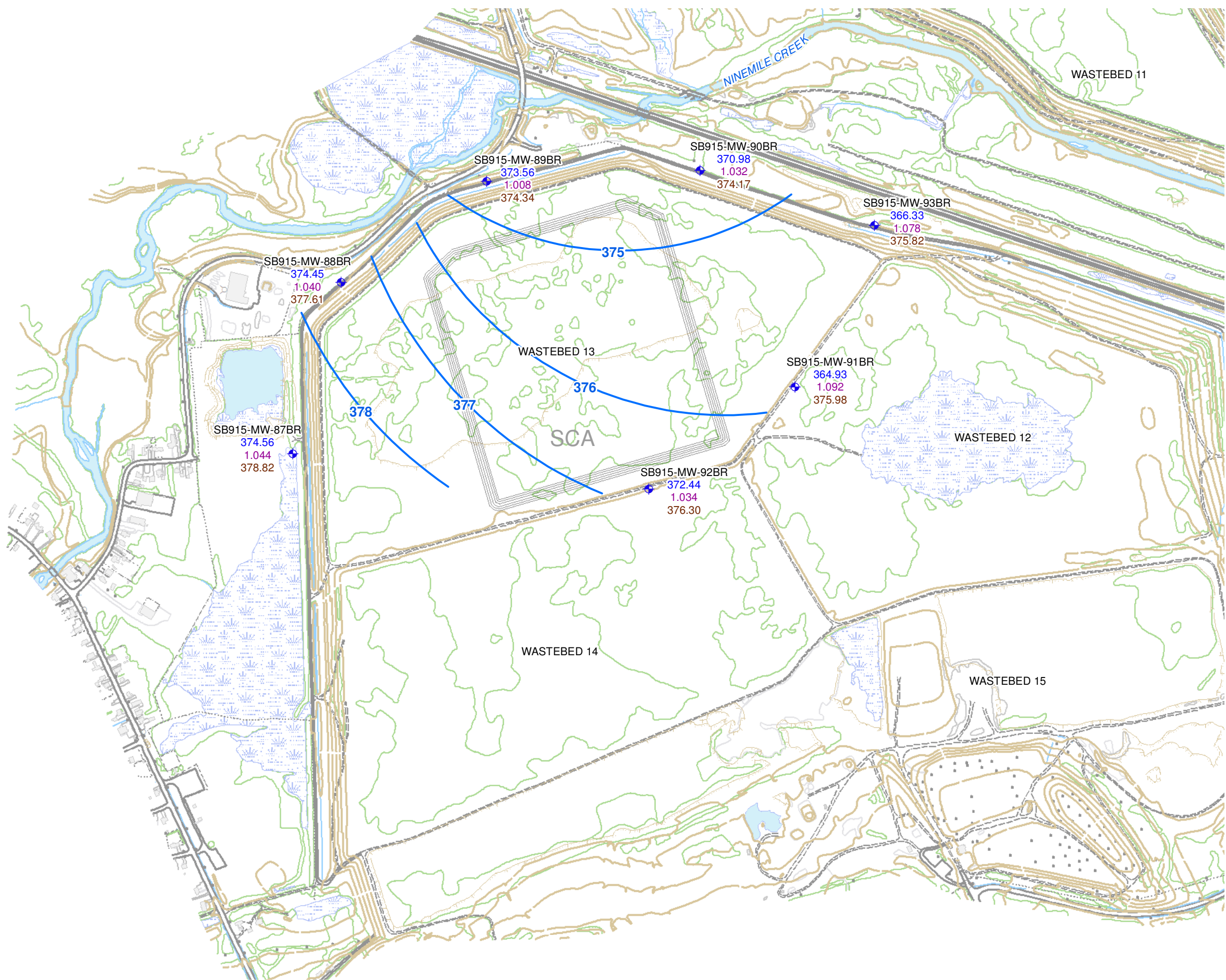





FIGURE 8-10



LEGEND

-  MONITORING WELL
-  GROUNDWATER CONTOUR
-  EQUIVALENT FRESH WATER HEAD (FT AMSL)

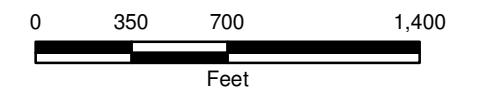
SB915-MW-91BR	- LOCATION ID
364.35	- GROUNDWATER ELEVATION (FTMSL)
1.090	- SPECIFIC GRAVITY
375.11	- EQUIVALENT FRESH WATER HEAD (FT AMSL)

NOTE:
 - WELLS SELECTED BASED ON SCREEN ELEVATION AND UNIT SCREENED.

- THE POTENTIOMETRIC CONTOURS DEPICTED ARE INTERPOLATED FROM CALCULATED EFH's.

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 DECEMBER 2011**



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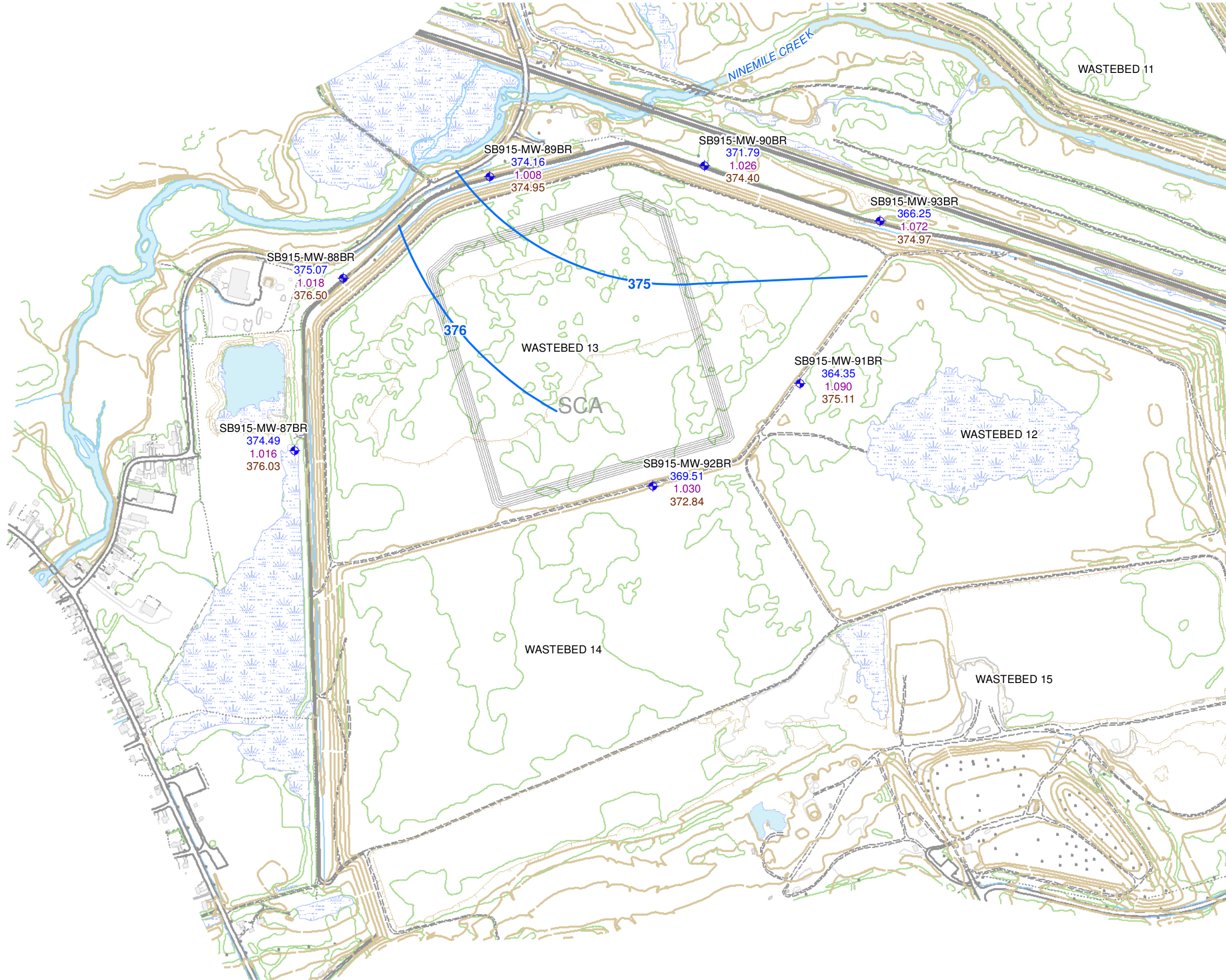





FIGURE 8-11



LEGEND

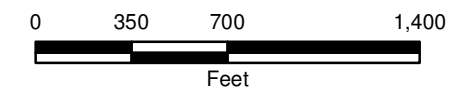
-  MONITORING WELL
-  GROUNDWATER CONTOUR
-  EQUIVALENT FRESH WATER HEAD (FT AMSL)

SB915-MW-91BR	- LOCATION ID
365.32	- GROUNDWATER ELEVATION (FTAMSL)
1.090	- SPECIFIC GRAVITY
376.17	- EQUIVALENT FRESH WATER HEAD (FT AMSL)

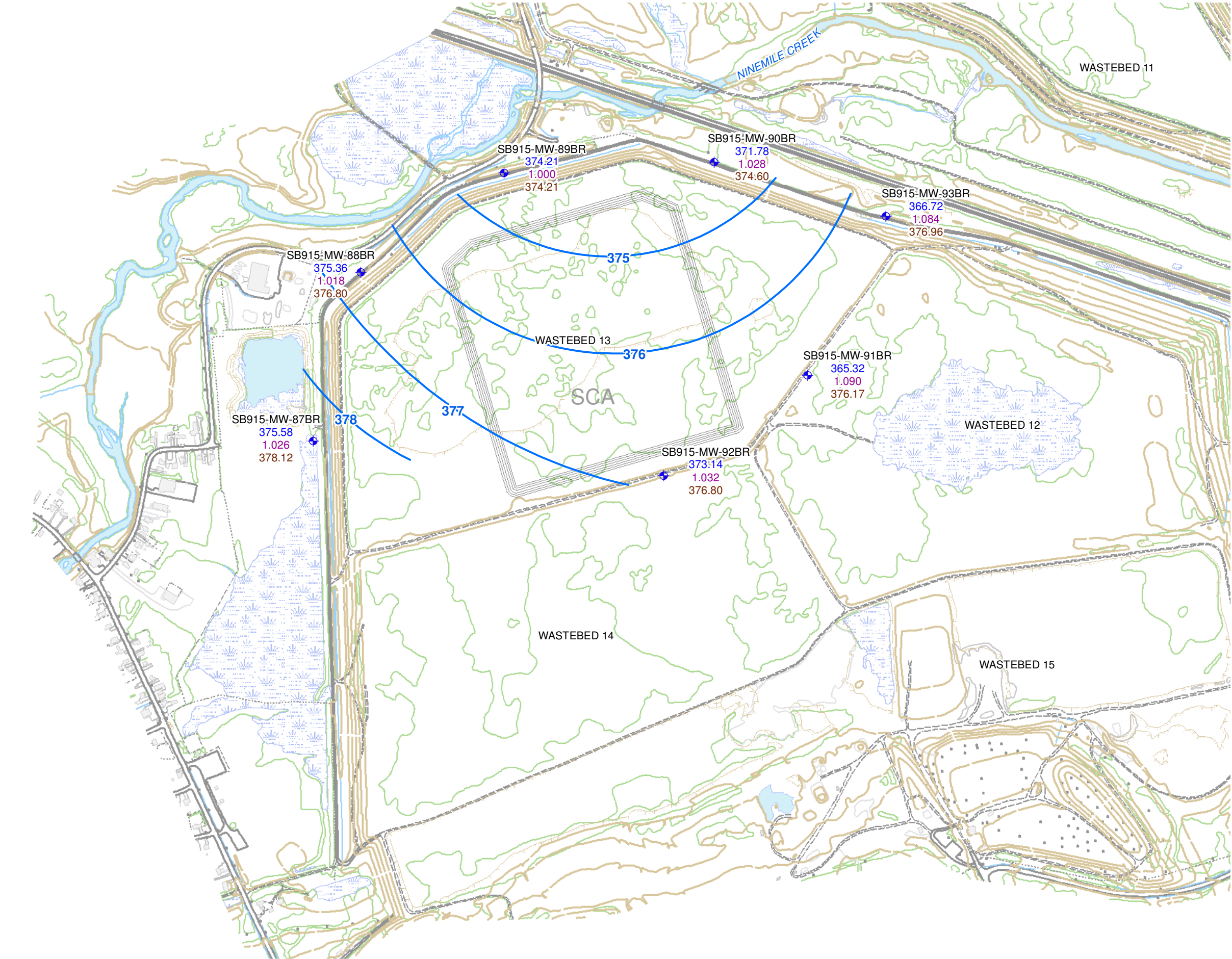
NOTE:
 - WELLS SELECTED BASED ON SCREEN ELEVATION AND UNIT SCREENED.
 - THE POTENTIOMETRIC CONTOURS DEPICTED ARE INTERPOLATED FROM CALCULATED EFH's.

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 GEDDES AND CAMILLUS, NY

**BEDROCK
 GROUNDWATER ELEVATIONS
 JANUARY 2012**



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 1163.46698






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FIGURE 8-12



LEGEND

-  MONITORING WELL
-  GROUNDWATER CONTOUR
-  EQUIVALENT FRESH WATER HEAD (FT AMSL)

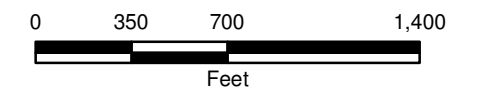
SB915-MW-91BR	- LOCATION ID
365.04	- GROUNDWATER ELEVATION (FTMSL)
1.088	- SPECIFIC GRAVITY
375.62	- EQUIVALENT FRESH WATER HEAD (FT AMSL)

NOTE:
 - WELLS SELECTED BASED ON SCREEN ELEVATION AND UNIT SCREENED.

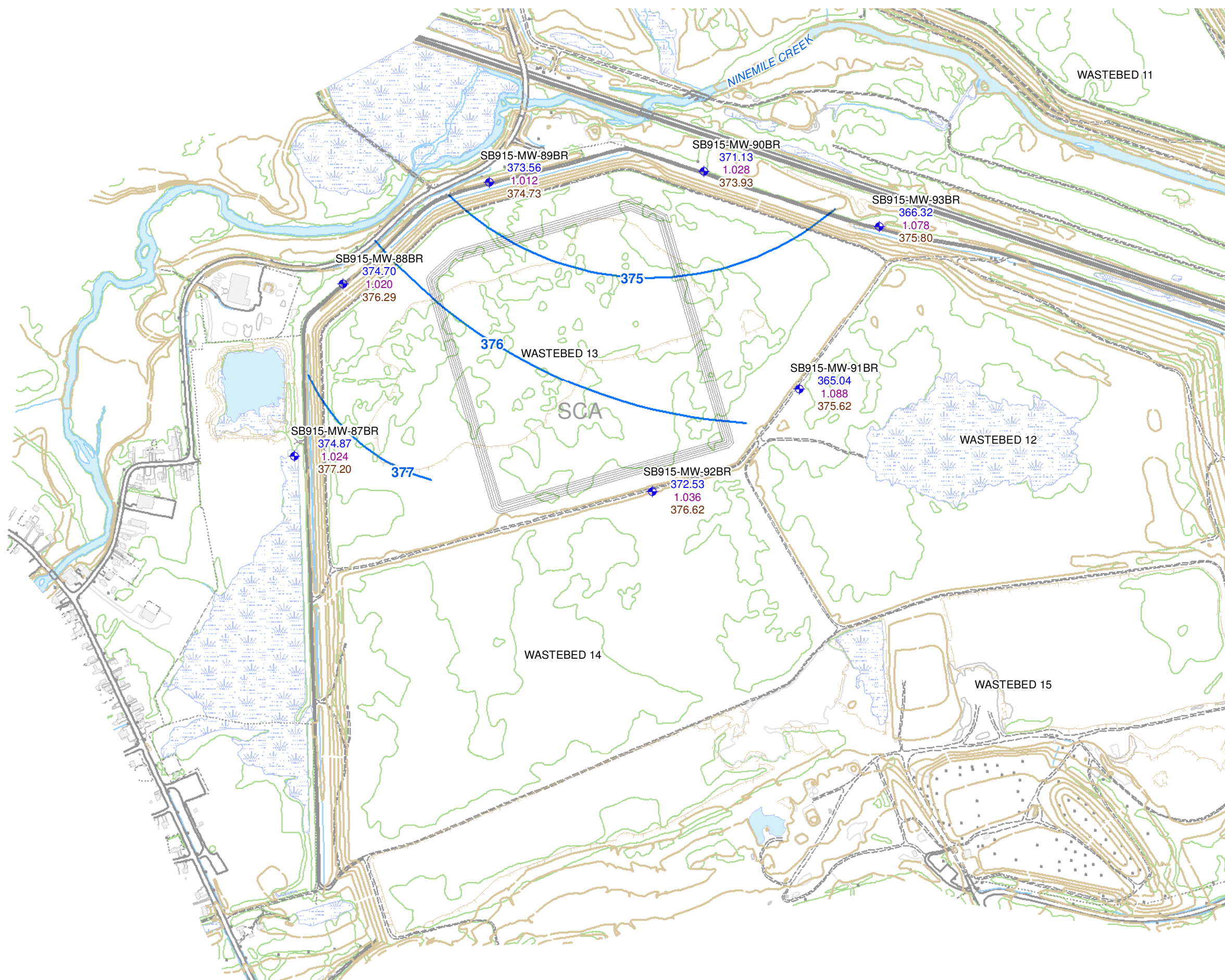
- THE POTENTIOMETRIC CONTOURS DEPICTED ARE INTERPOLATED FROM CALCULATED EFH'S.

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 FEBRUARY 2012**



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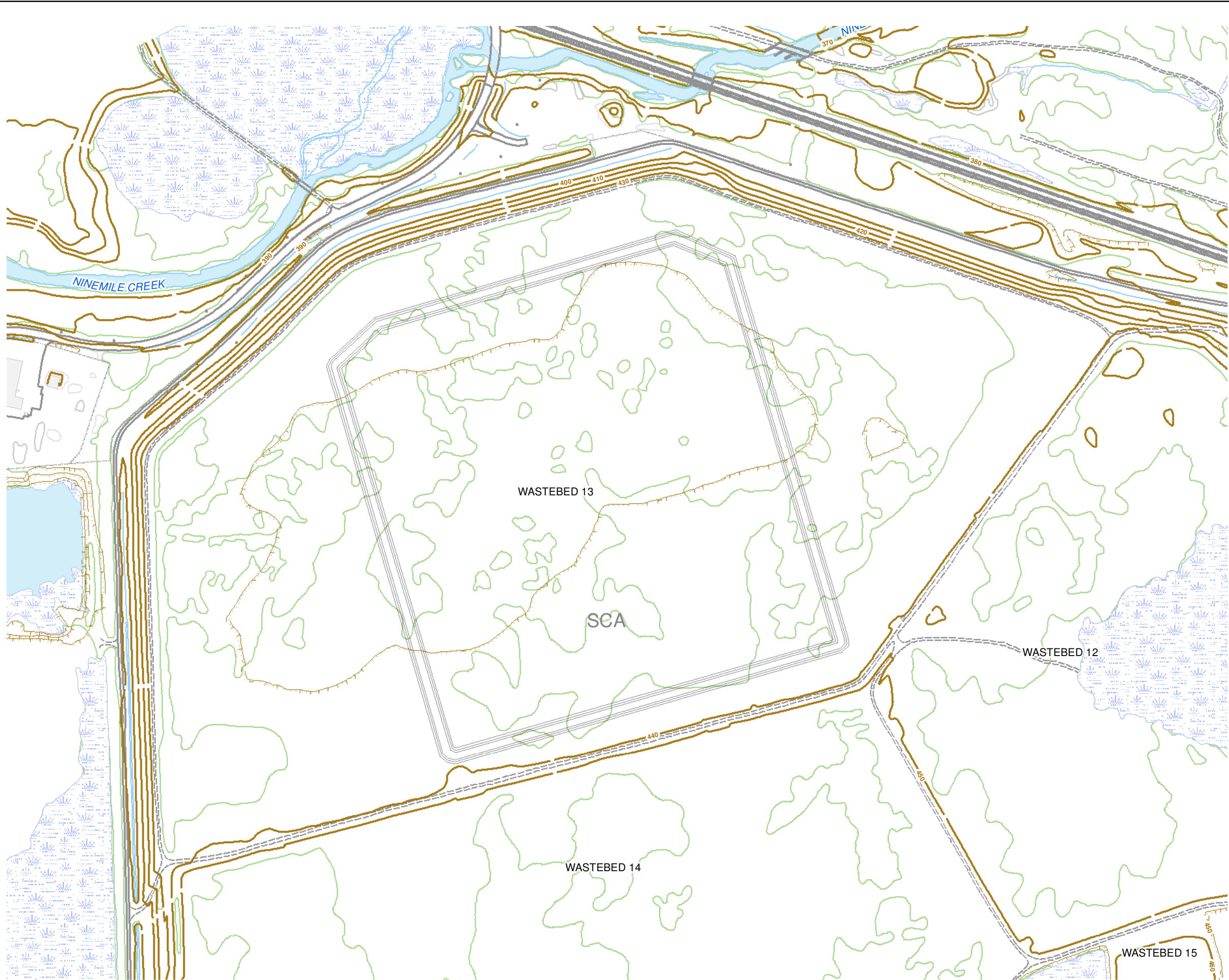




FIGURE 9



LEGEND

-  CONTOUR 10 FT
-  SCA

NOTE: HISTORIC WELLS SB915-WB-2U AND 4U SAMPLED INITIALLY. SAMPLE LOCATIONS CHANGED TO SB915-MW-87S AND 90S, RESPECTIVELY, ONCE INSTALLED.

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SITE TOPOGRAPHY



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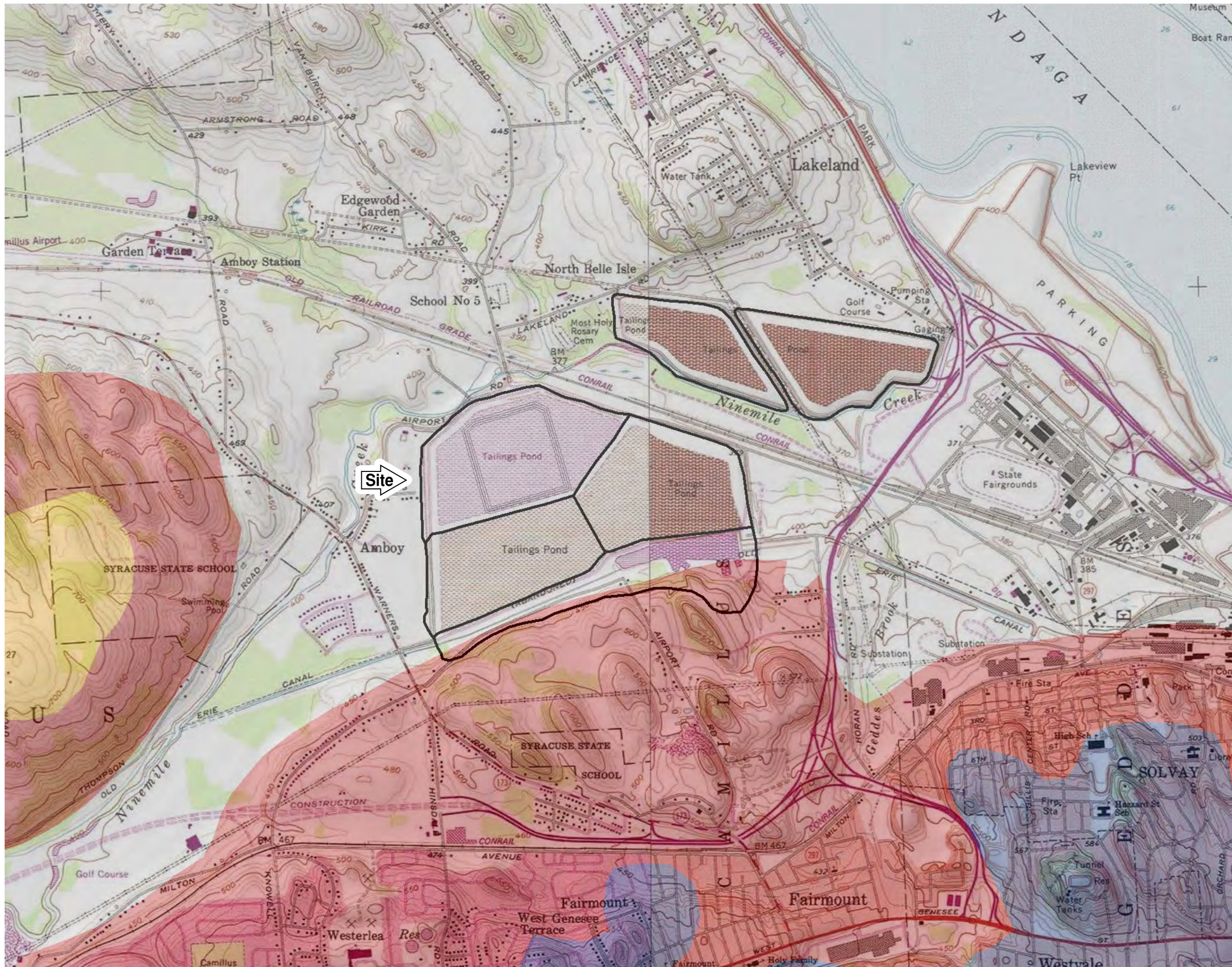







FIGURE 10

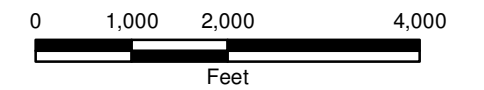


LEGEND

-  SCA
- BEDROCK GEOLOGY**
-  Cobleskill Limestone
-  Port Ewen Formation
-  Syracuse Formation
-  Vernon Formation

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**REGIONAL BEDROCK
 GEOLOGY**



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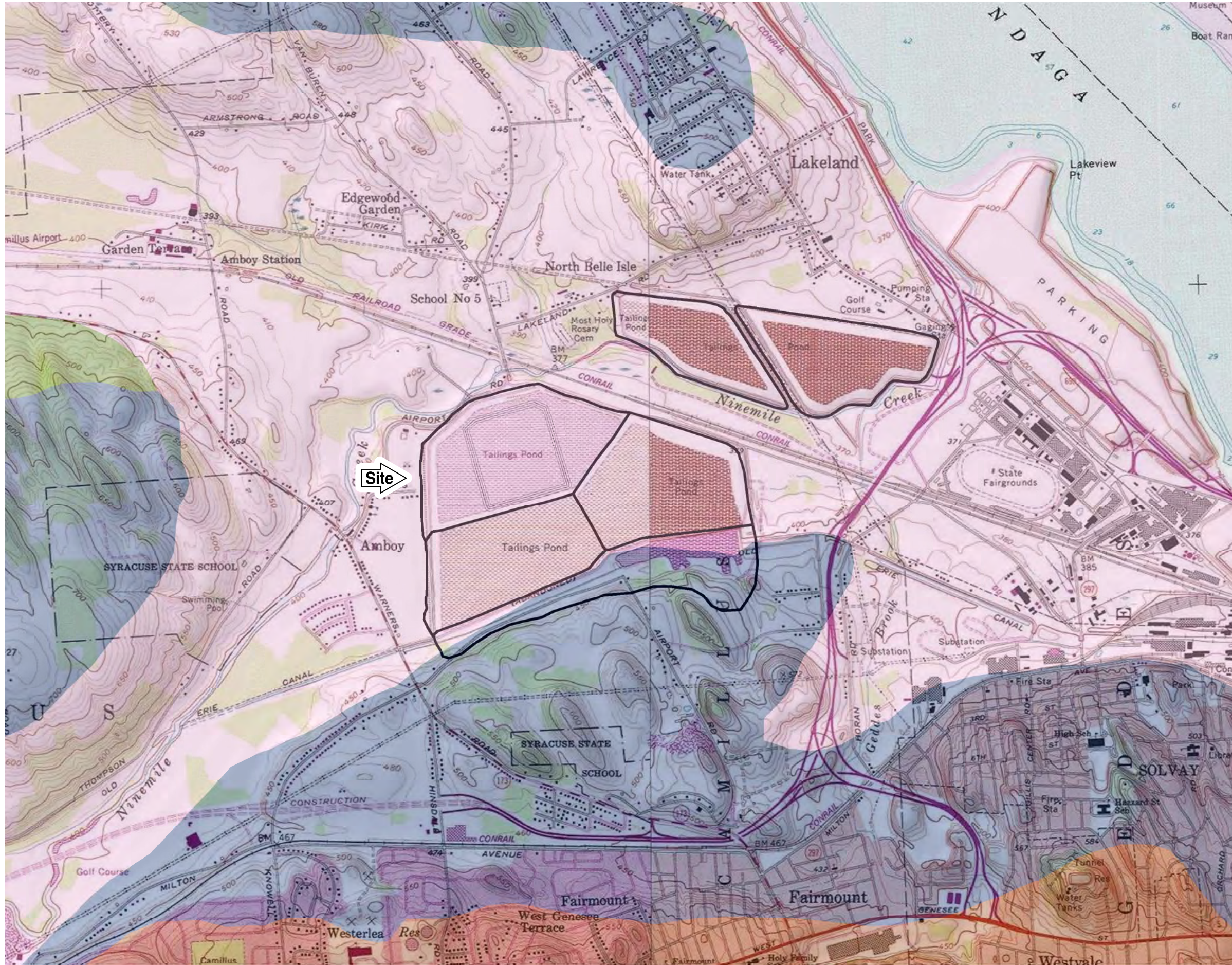







FIGURE 11

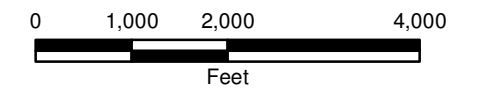


LEGEND

-  SCA
- SURFICIAL GEOLOGY**
-  Bedrock
-  Lacustrine Silt and Clay
-  Outwash Sand and Gravel
-  Till

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REGIONAL SURFICIAL
 GEOLOGY



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FIGURE 12

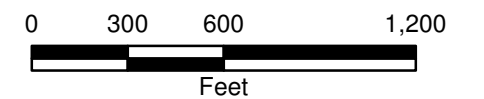


LEGEND

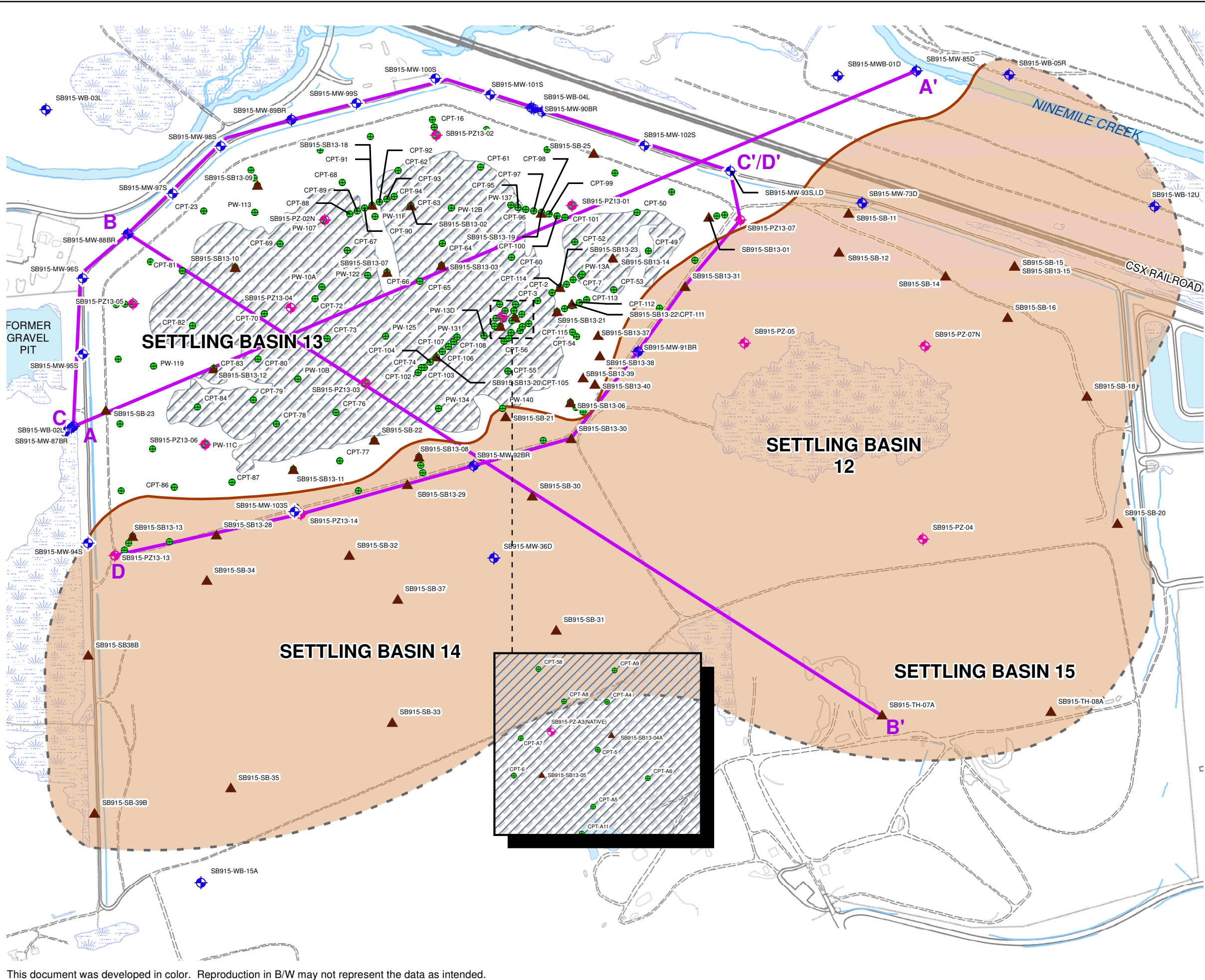
- CPT/PW
- ◆ MONITORING WELL
- ◆ PIEZOMETER
- ▲ SOIL BORING
- GEOLOGIC CROSS SECTION
- APPROXIMATE FORMER GRAVEL PITS
- SILT AND CLAY UNIT EXTENT
- DETERMINED UNIT BOUNDARY
- UNDETERMINED UNIT BOUNDARY

HONEYWELL
SETTLING BASINS 9-15
GEDDES AND CAMILLUS, NY

GEOLOGICAL CROSS SECTION
LOCATIONS



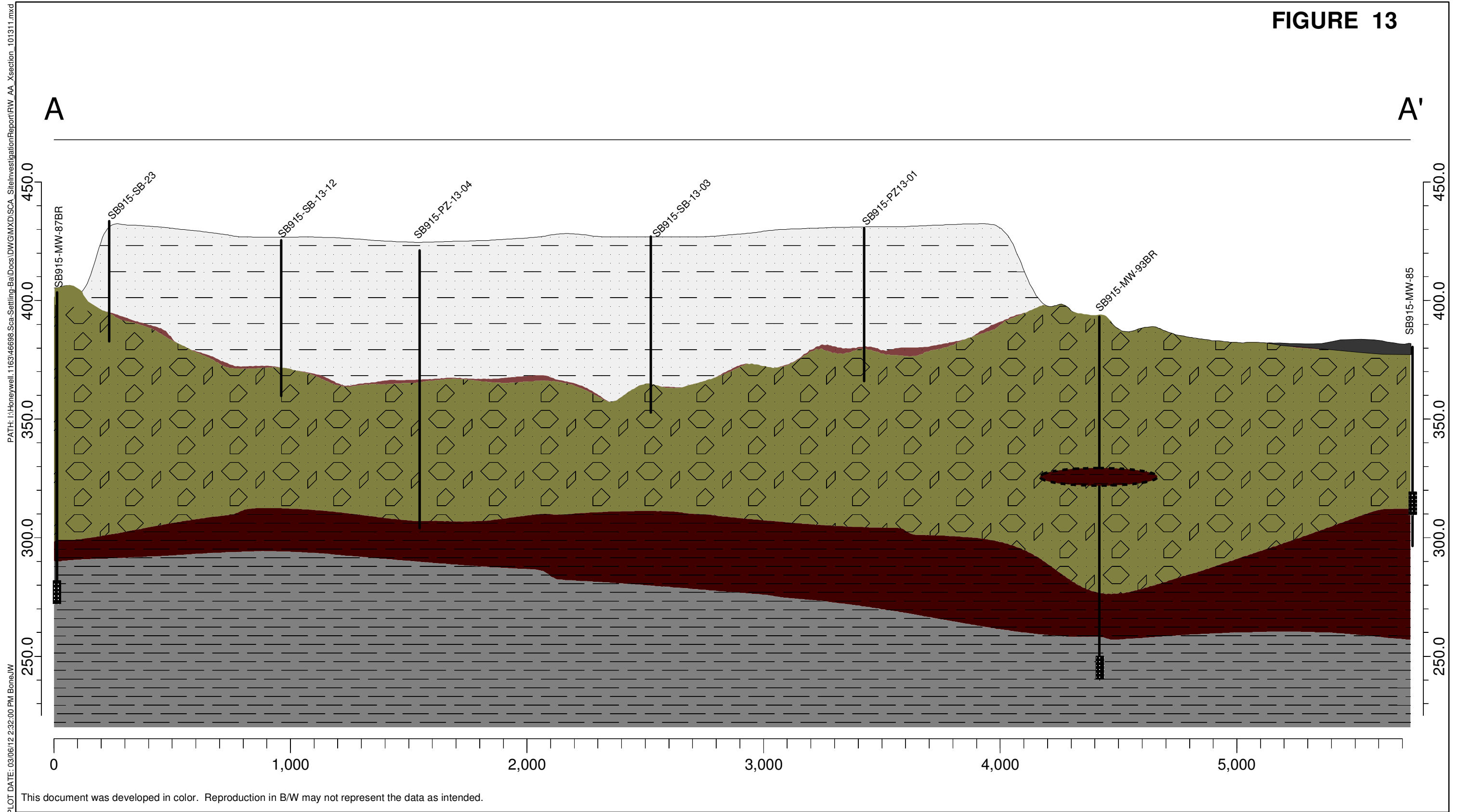
SEPTEMBER 2012
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NAME: NewtonJM
DATE: 1/26/2012 1:46:17 PM

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FIGURE 13



LEGEND

- FILL
- TILL
- SOLVAY WASTE FILL
- BEDROCK
- SILT AND CLAY
- SCREEN INTERVAL
- MIXED NINEMILE CREEK DEPOSITS

VERTICAL EXAGGERATION = 10

HONEYWELL
SETTLING BASINS 9-15
GEDDES AND CAMILLUS, NY

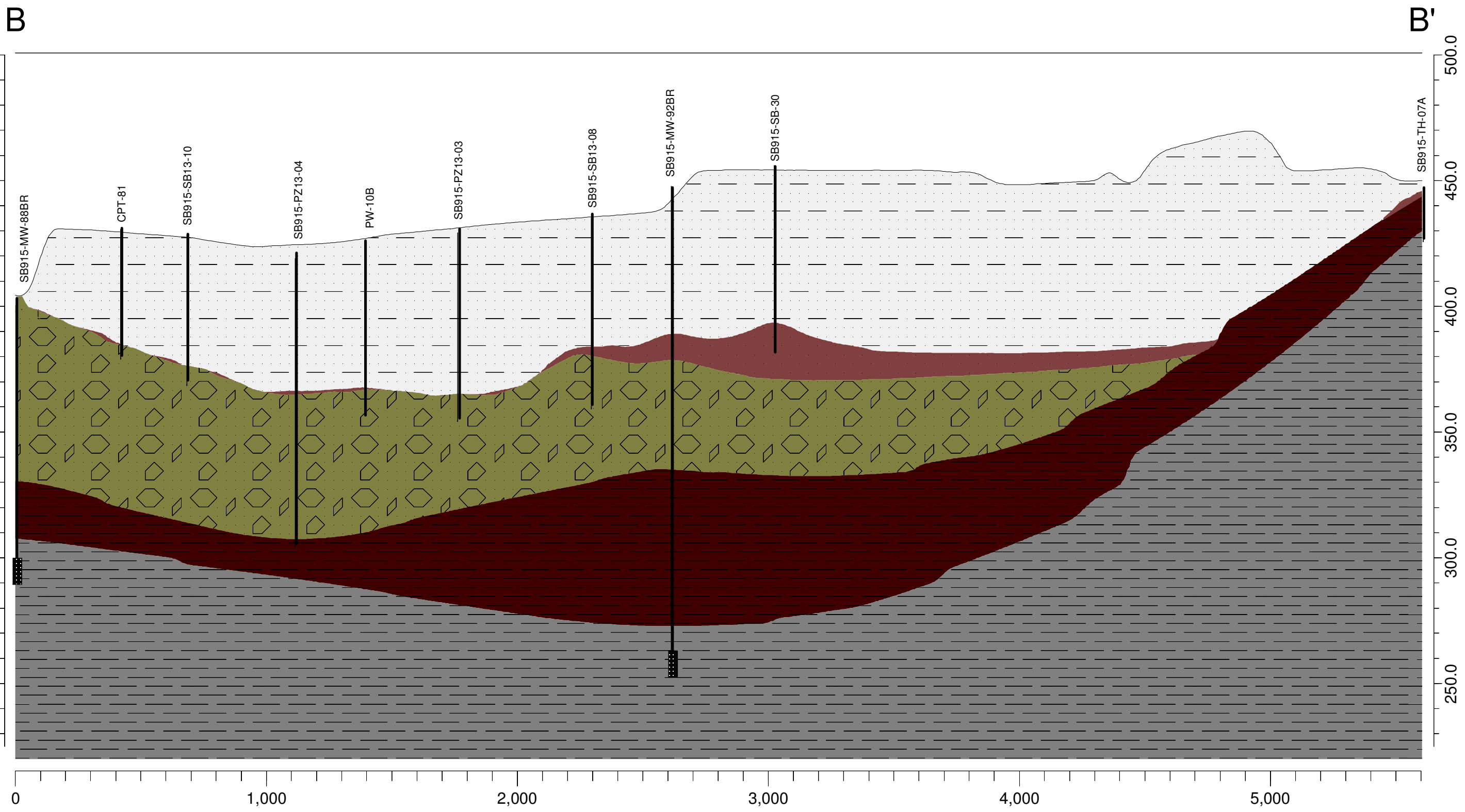
NOTE: GEOLOGIC CONTACT REPRESENTATION IS INTERPOLATED BETWEEN DATA POINTS.

**CROSS SECTION
A-A'**

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1163.46698



FIGURE 14



PATH: I:\Honeywell.1163.46698.Sca-Settling-Basins\DWG\MXD\SCA_SiteInvestigationReport\RW_BB_Xsection_101311.mxd
PLOT DATE: 03/06/12 2:33:05 PM BoneJW

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LEGEND

- SOLVAY WASTE FILL
- SILT AND CLAY
- MIXED NINEMILE CREEK DEPOSITS
- TILL
- BEDROCK
- SCREEN INTERVAL

VERTICAL EXAGGERATION = 10

HONEYWELL
SETTLING BASINS 9-15
GEDDES AND CAMILLUS, NY

NOTE: GEOLOGIC CONTACT REPRESENTATION IS INTERPOLATED BETWEEN DATA POINTS.

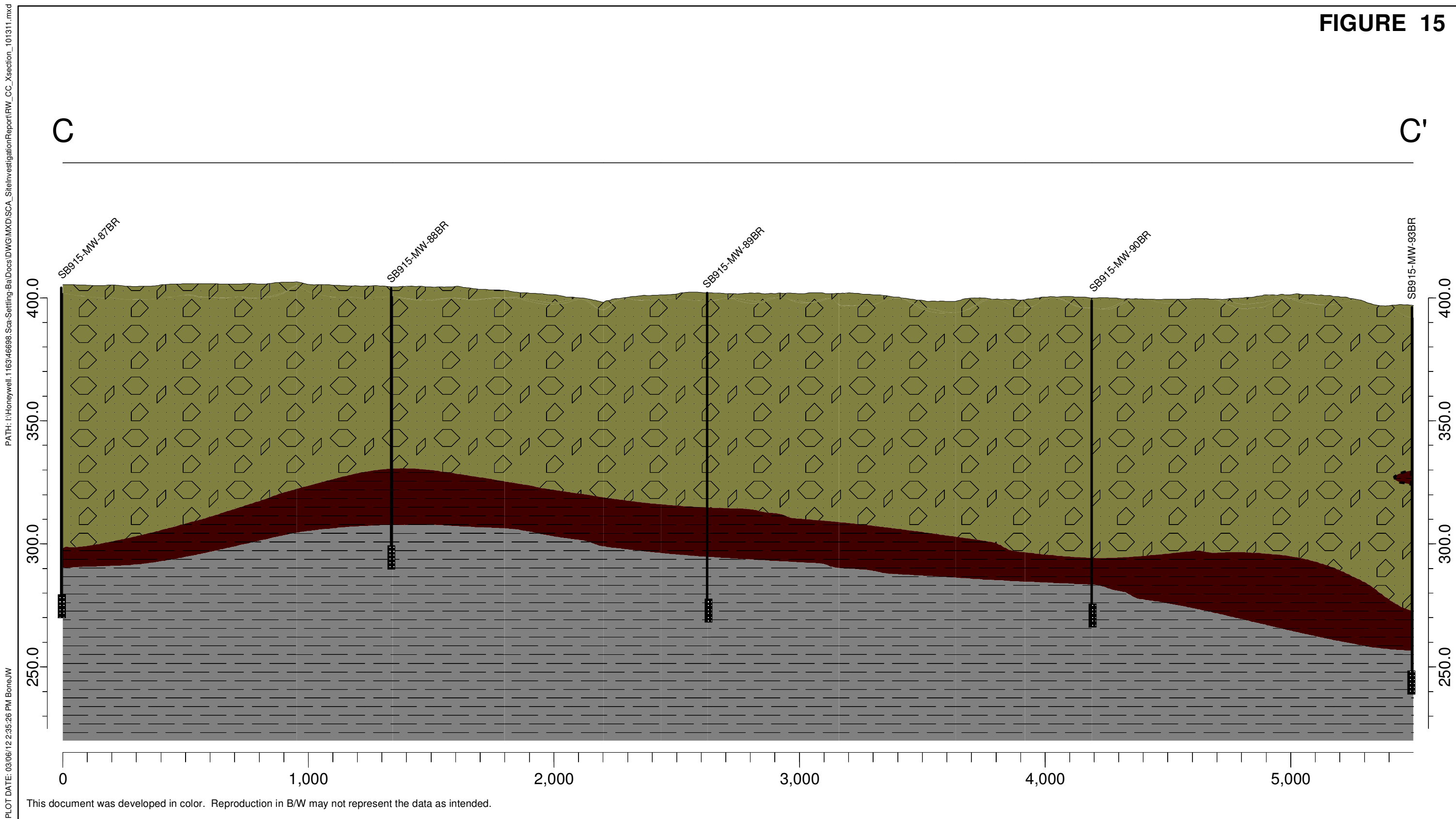
CROSS SECTION
B-B'

OCTOBER 2011
1163.46698



FIGURE 15

C C'



LEGEND

- FILL
- TILL
- SOLVAY WASTE FILL
- BEDROCK
- SILT AND CLAY
- SCREEN INTERVAL
- MIXED NINEMILE CREEK DEPOSITS

VERTICAL EXAGGERATION = 10

HONEYWELL
SETTLING BASINS 9-15
GEDDES AND CAMILLUS, NY

NOTE: GEOLOGIC CONTACT REPRESENTATION IS INTERPOLATED BETWEEN DATA POINTS.

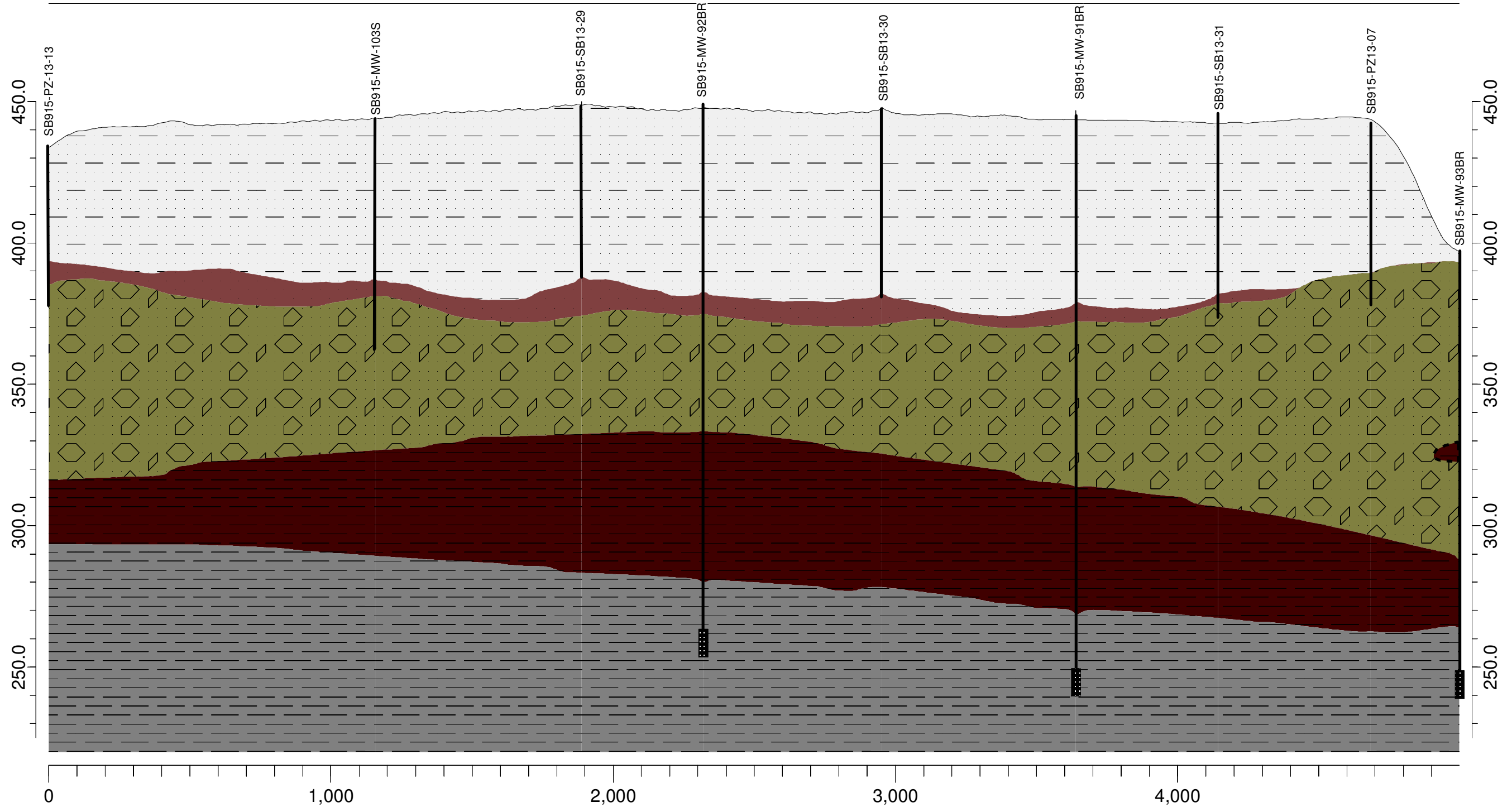
CROSS SECTION
C-C'

OCTOBER 2011
1163.46698



D

D'



PATH: I:\Honeywell\1163\46698_Sca-Setting-Ba\Docs\DWG\MXD\SCA_SiteInvestigationReport\RW_DD_Xsection_101311.mxd

PLOT DATE: 03/06/12 2:38:38 PM Bone,W

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LEGEND

- FILL
- TILL
- SOLVAY WASTE FILL
- BEDROCK
- SILT AND CLAY
- MIXED NINEMILE CREEK DEPOSITS
- SCREEN INTERVAL

VERTICAL EXAGGERATION = 10

HONEYWELL
SETTLING BASINS 9-15
GEDDES AND CAMILLUS, NY

NOTE: GEOLOGIC CONTACT REPRESENTATION IS INTERPOLATED BETWEEN DATA POINTS.

CROSS SECTION
D-D'

OCTOBER 2011
1163.46698



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PLOTDATE: 04/09/12 8:19:24 AM NewtonJM

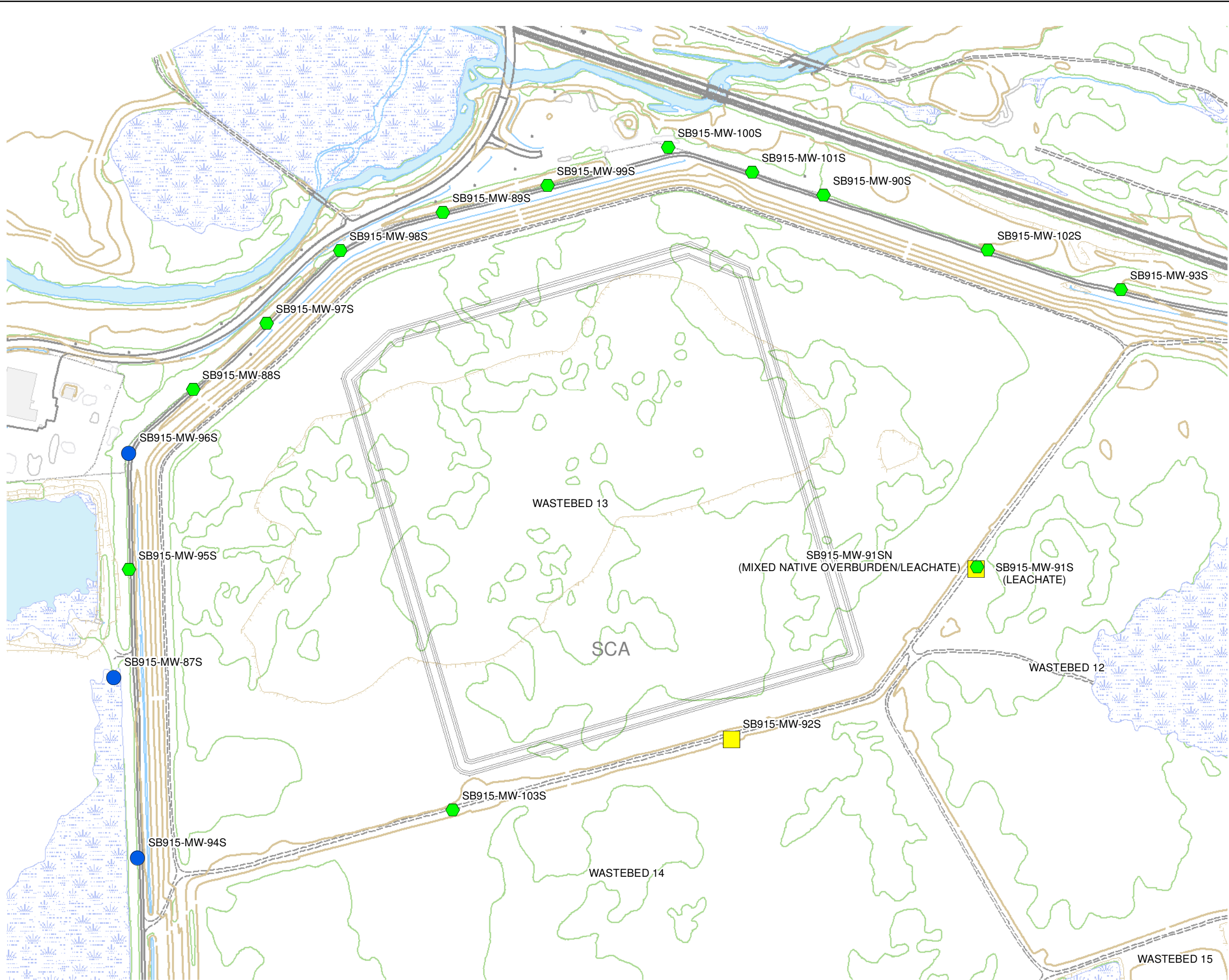


FIGURE 17

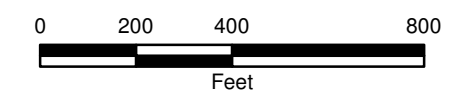


LEGEND

- LEACHATE
- MIXED NATIVE OVERBURDEN / LEACHATE
- NATIVE OVERBURDEN
- PROPOSED SCA

HONEYWELL
 SETTling BASINS 9-15
 GEDDES AND CAMILLUS, NY

**SHALLOW NATIVE
 GROUNDWATER
 CHEMISTRY**



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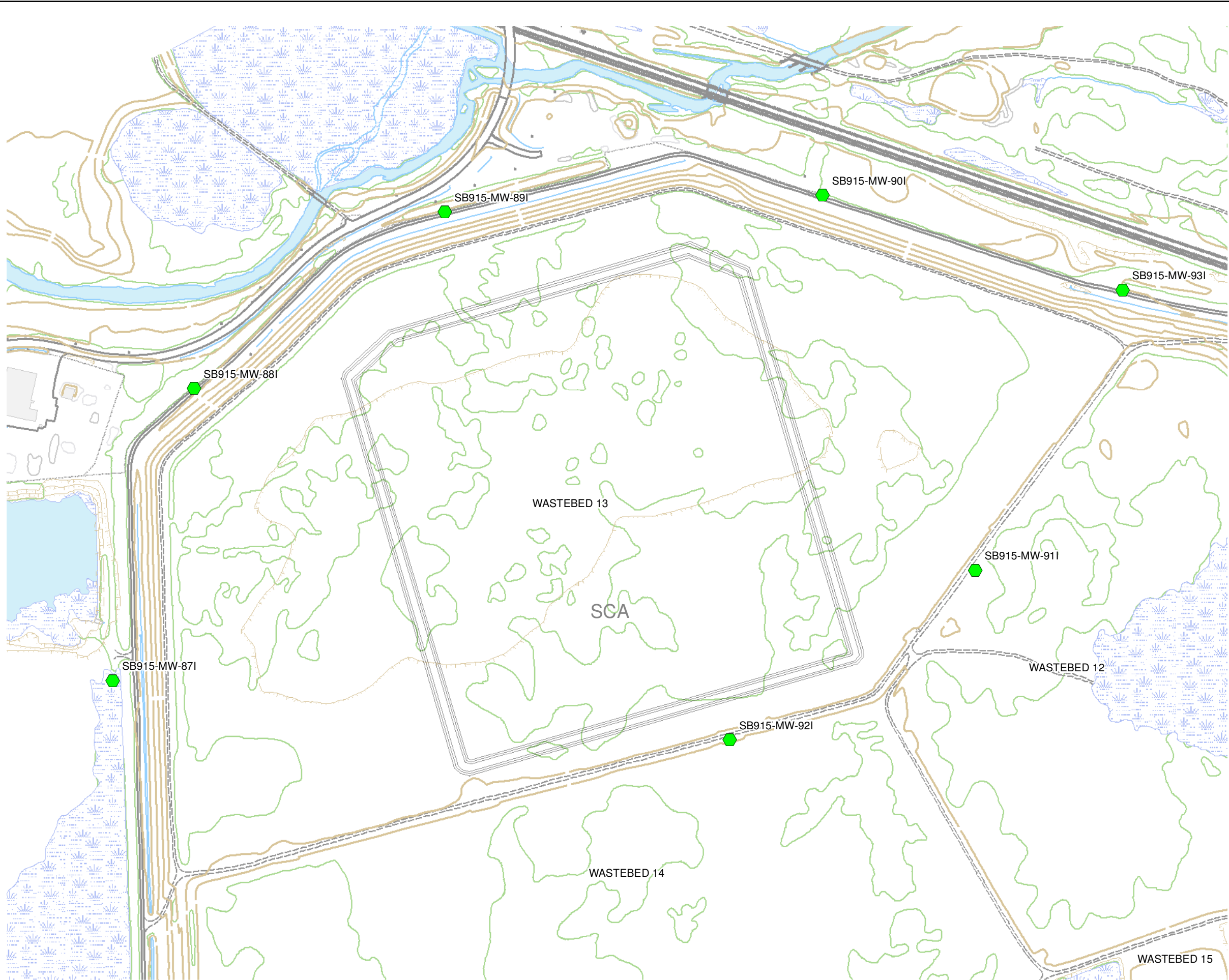




FIGURE 18



LEGEND

-  MIXED NATIVE OVERBURDEN/LEACHATE
-  PROPOSED SCA

HONEYWELL
SETTLING BASINS 9-15
GEDDES AND CAMILLUS, NY

INTERMEDIATE
GROUNDWATER
CHEMISTRY



FEBRUARY 2012
1163.46698



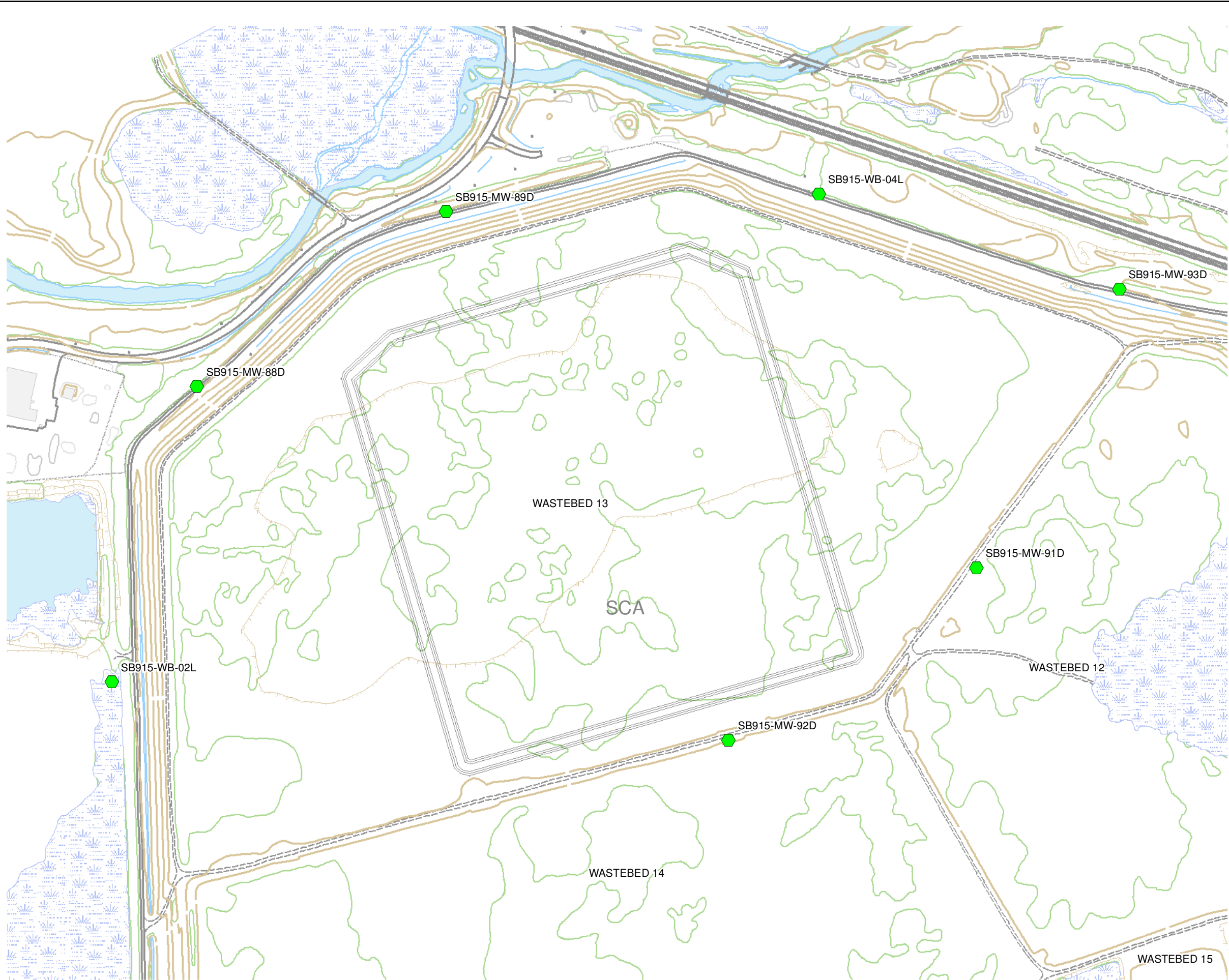




FIGURE 19

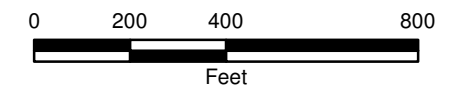


LEGEND

-  MIXED NATIVE OVERBURDEN/LEACHATE
-  PROPOSED SCA

HONEYWELL
SETTLING BASINS 9-15
GEDDES AND CAMILLUS, NY

DEEP
GROUNDWATER
CHEMISTRY



FEBRUARY 2012
1163.46698



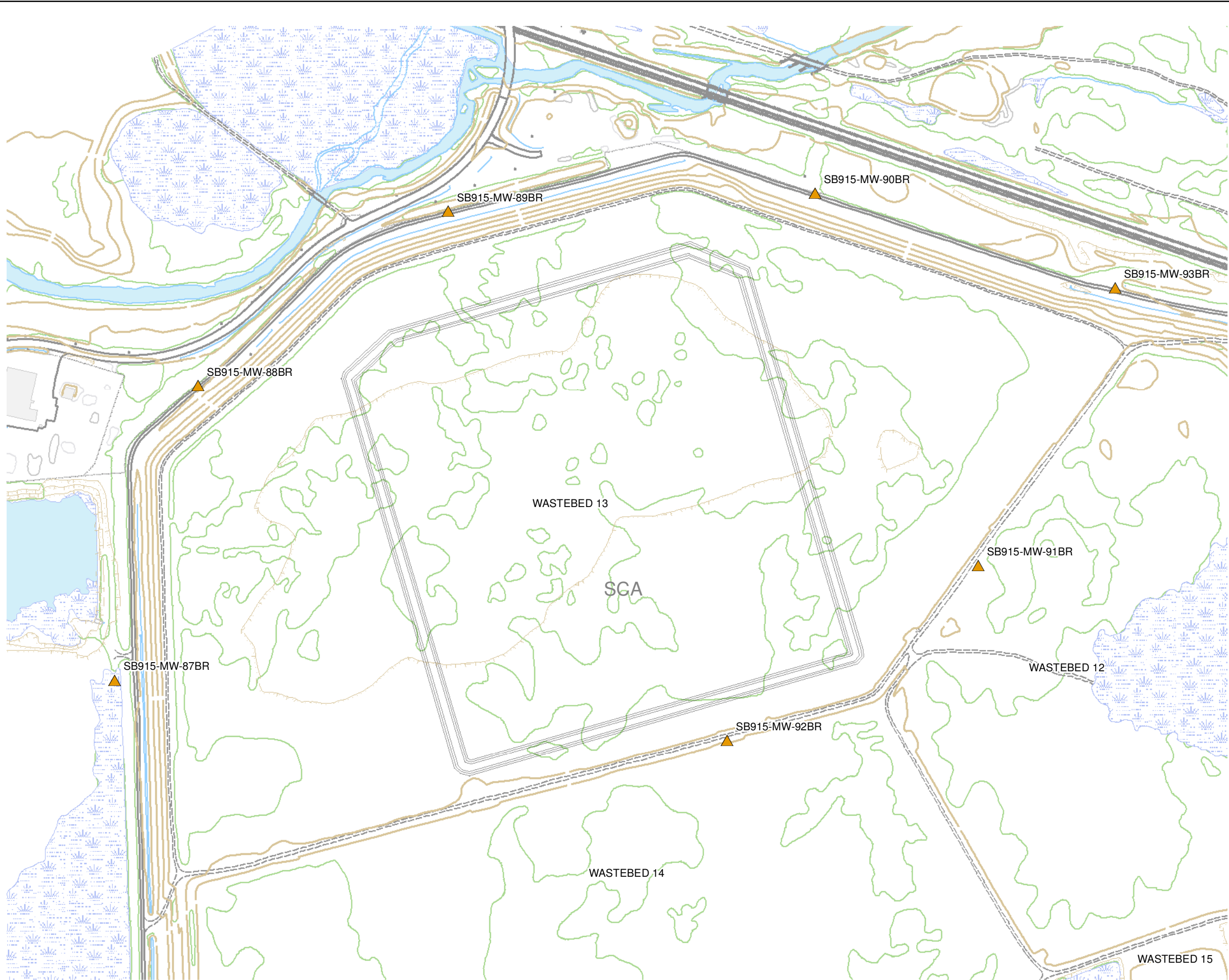




FIGURE 20

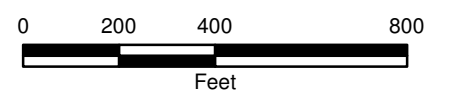


LEGEND

-  BEDROCK GROUNDWATER
-  PROPOSED SCA

HONEYWELL
 SETTLING BASINS 9-15
 GEDDES AND CAMILLUS, NY

**BEDROCK
 GROUNDWATER
 CHEMISTRY**

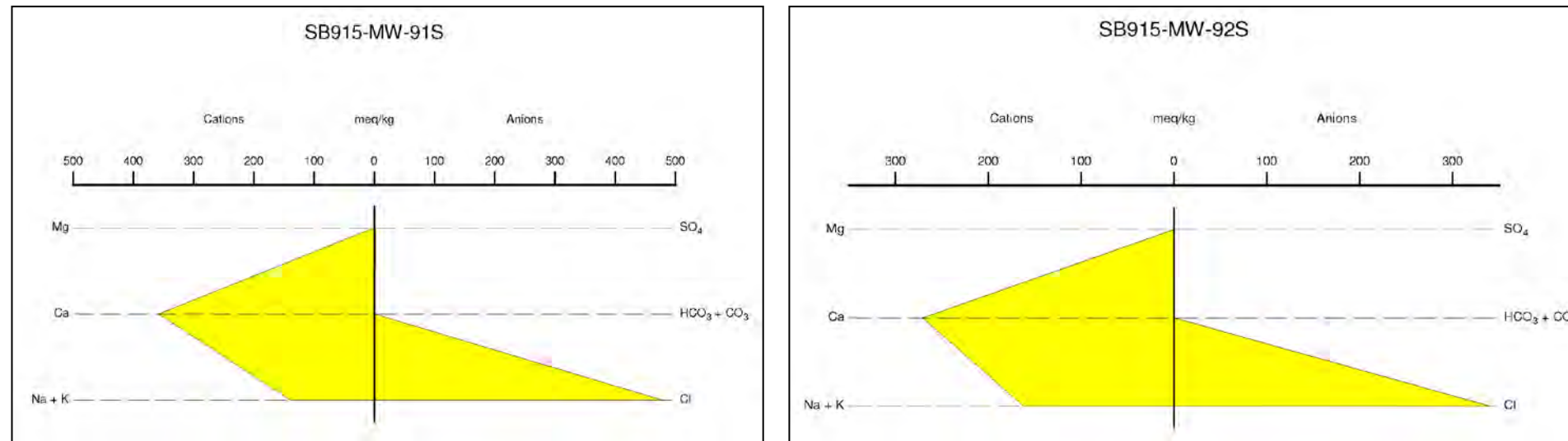


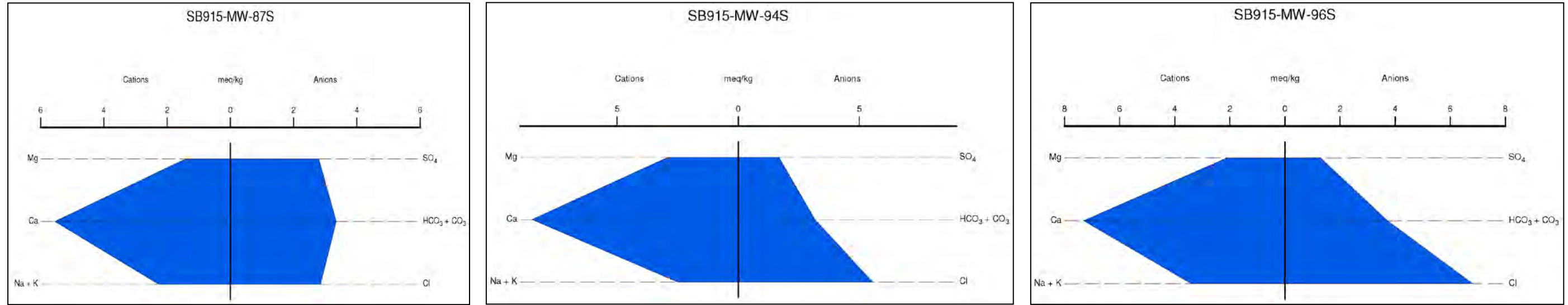
FEBRUARY 2012
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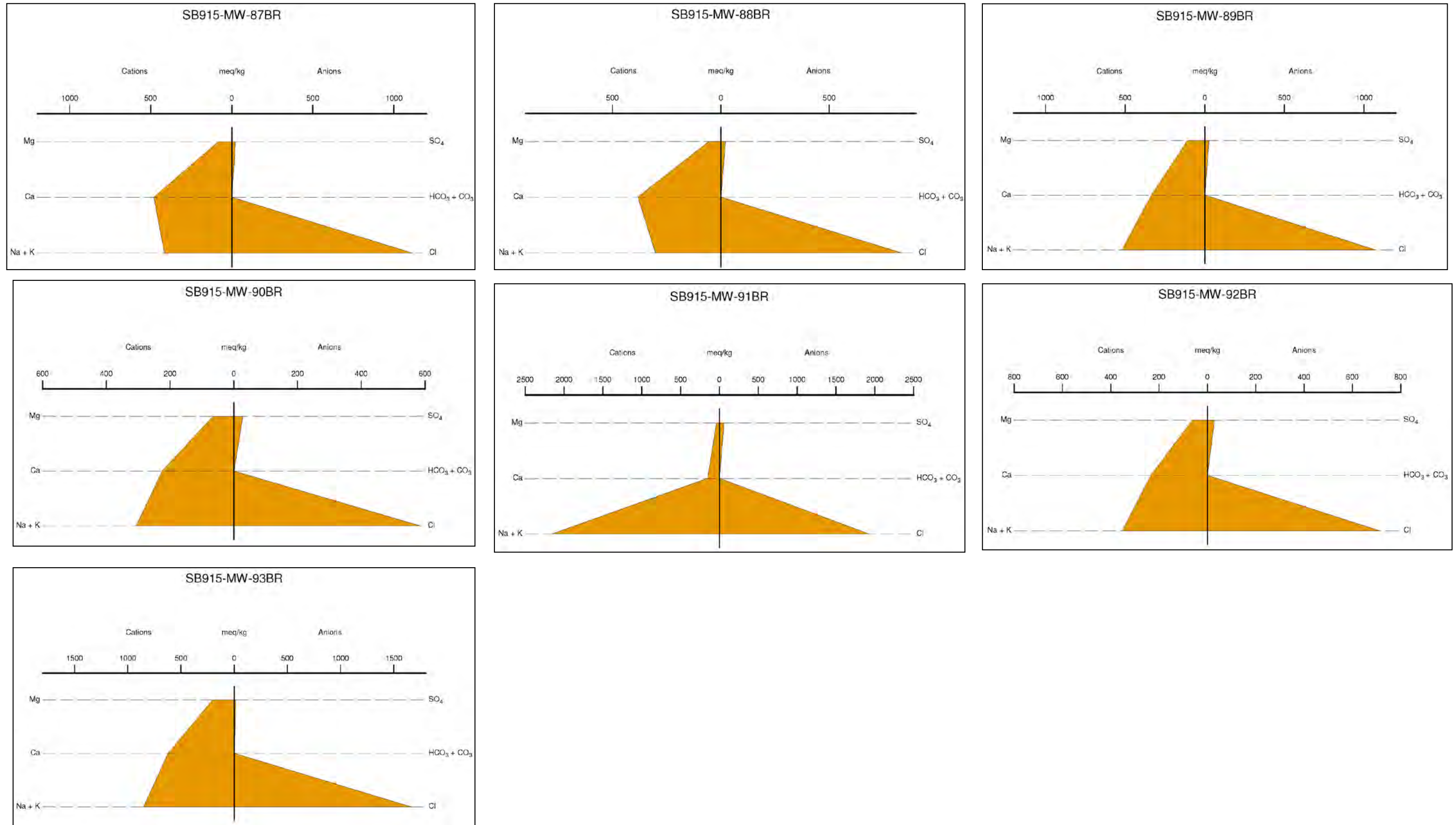


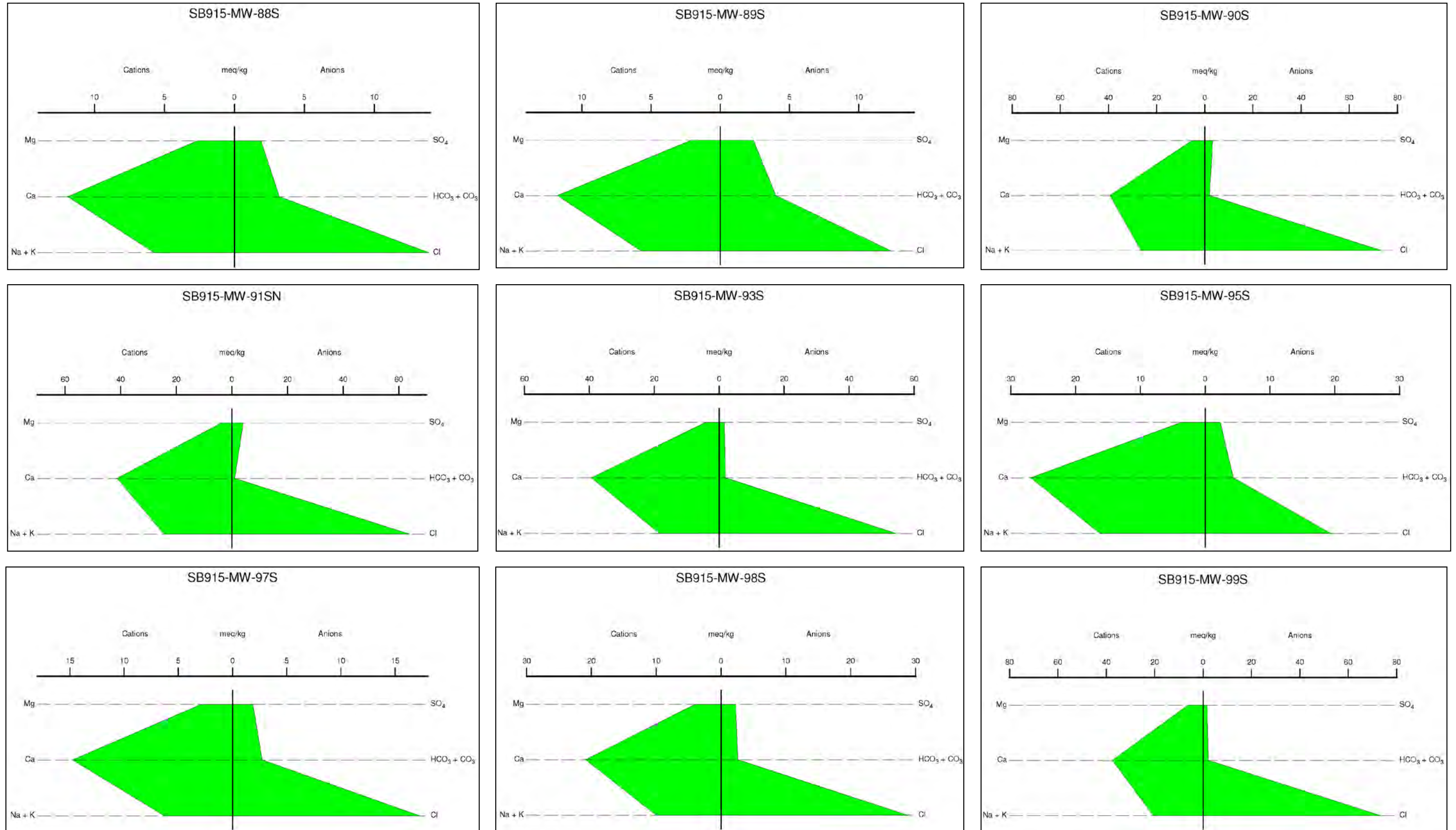
STIFF DIAGRAMS – LEACHATE

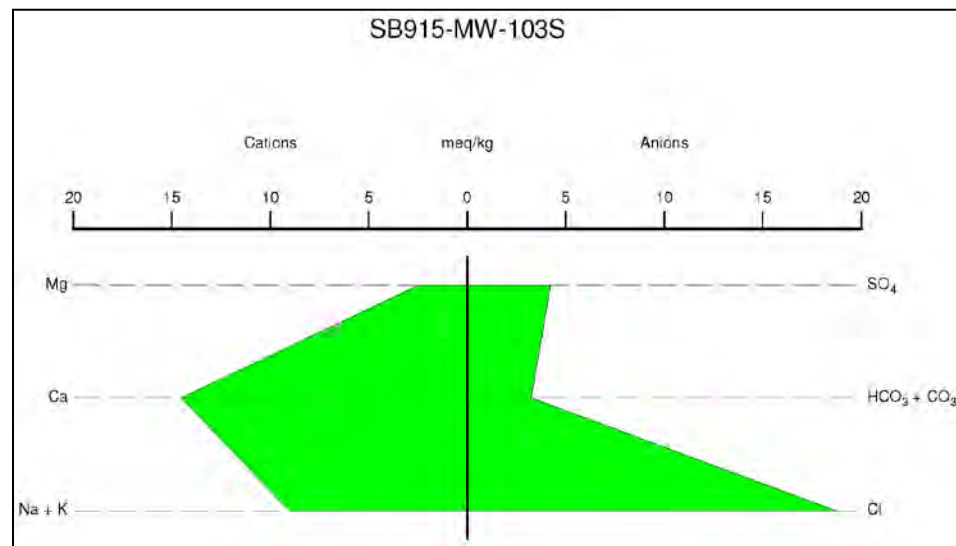
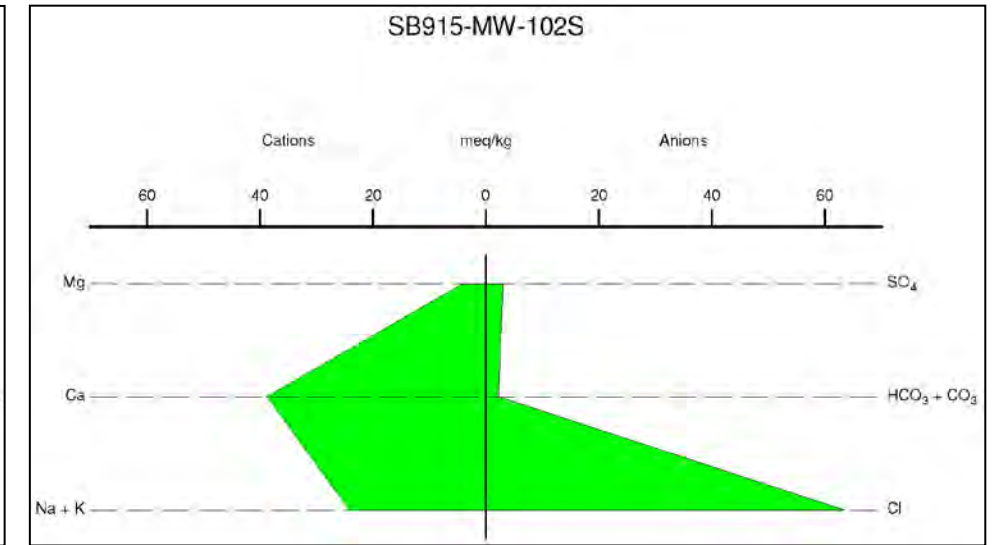
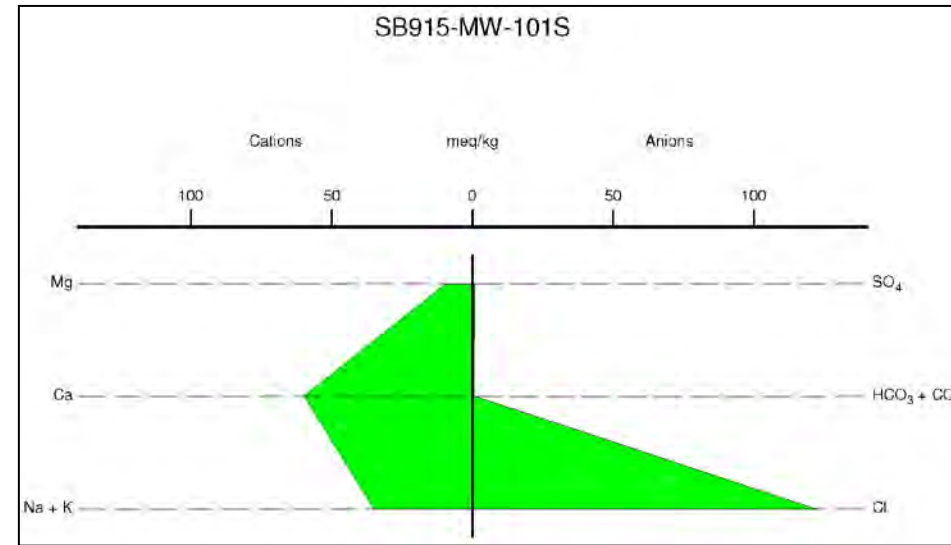
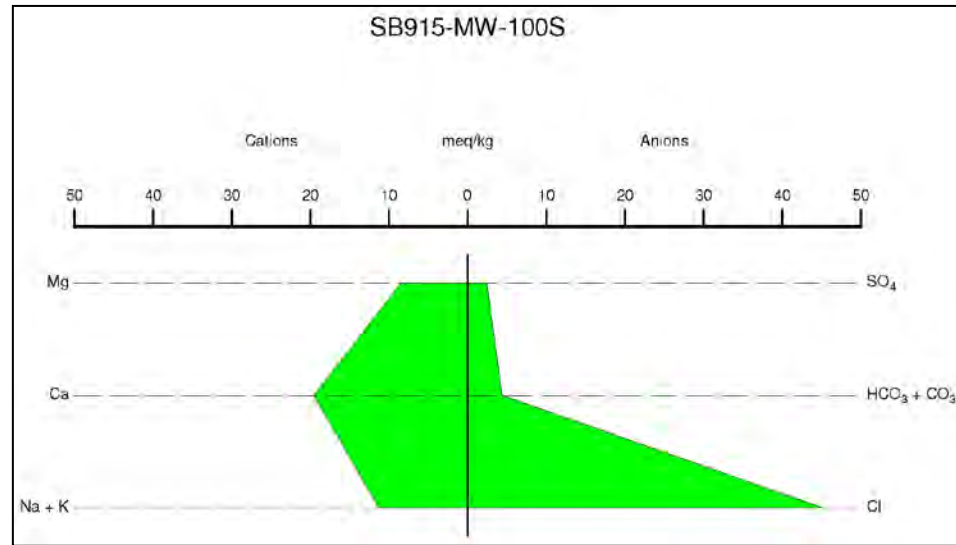
FIGURE 21

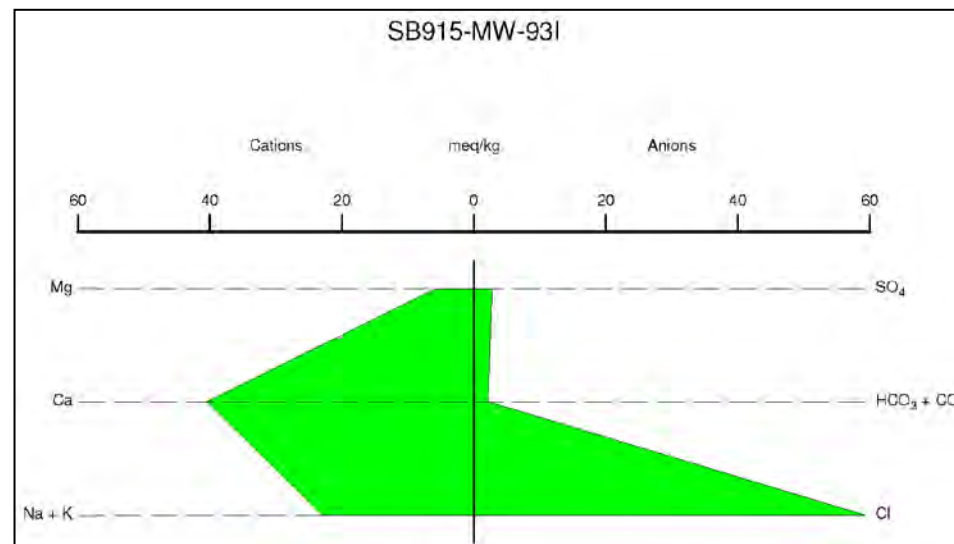
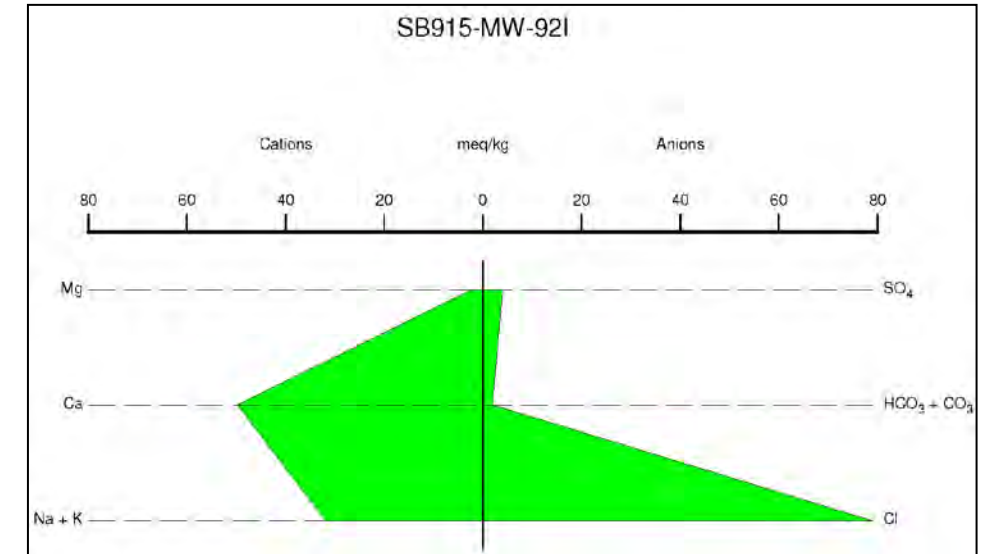
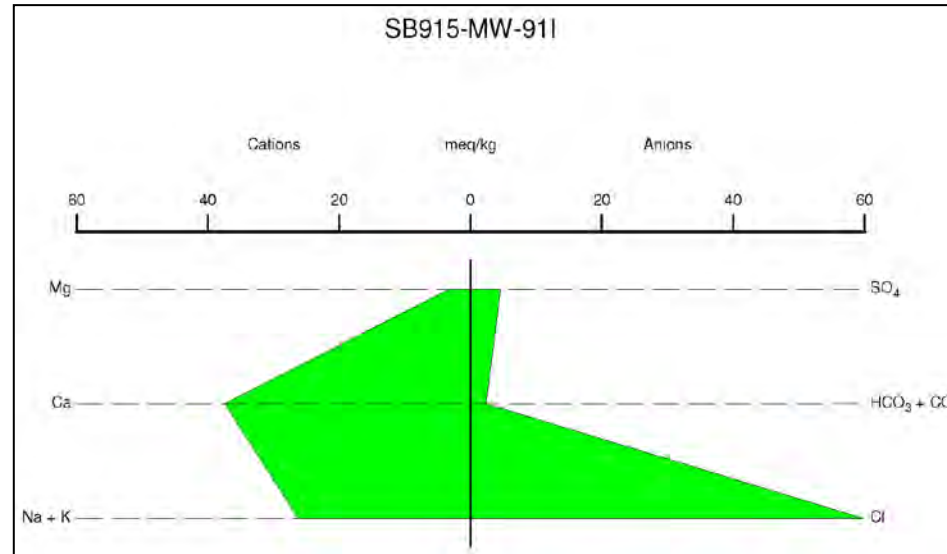
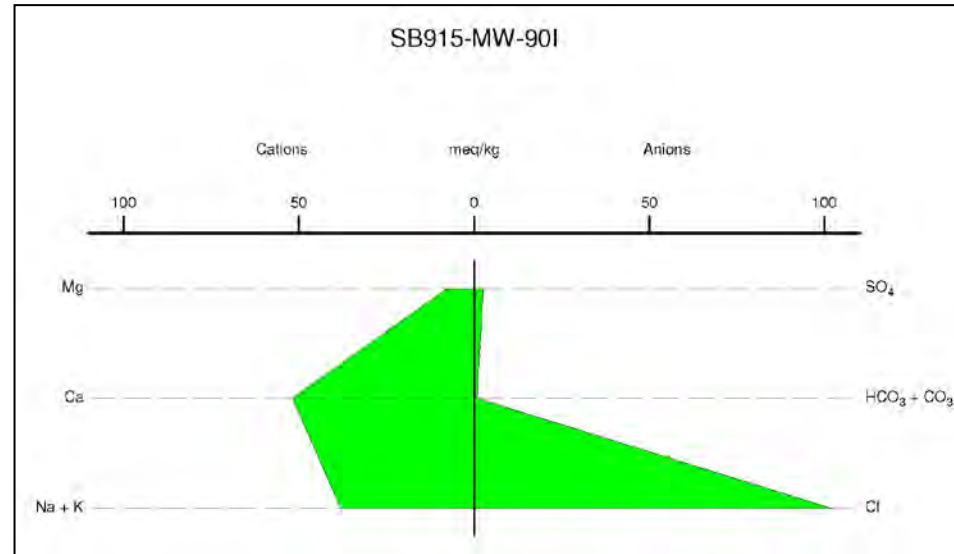
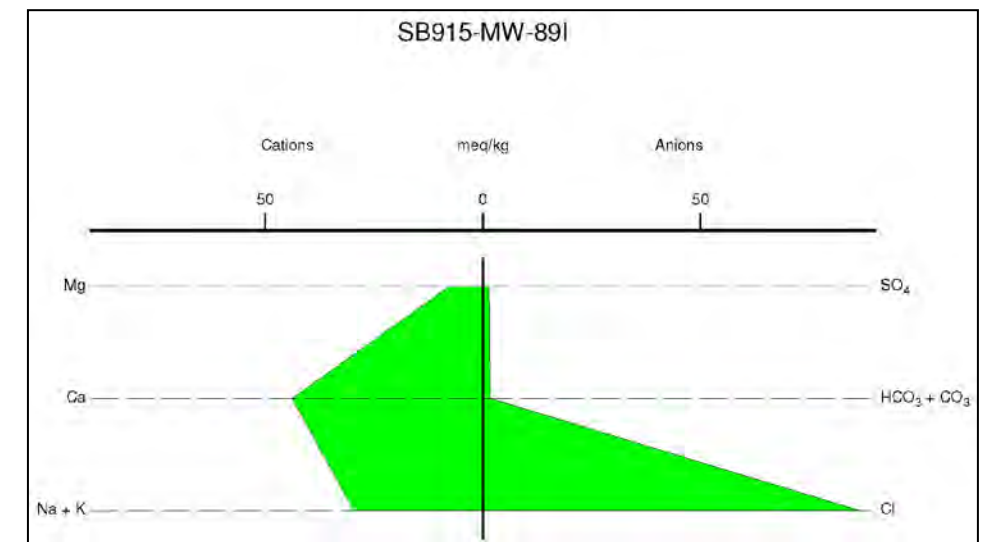
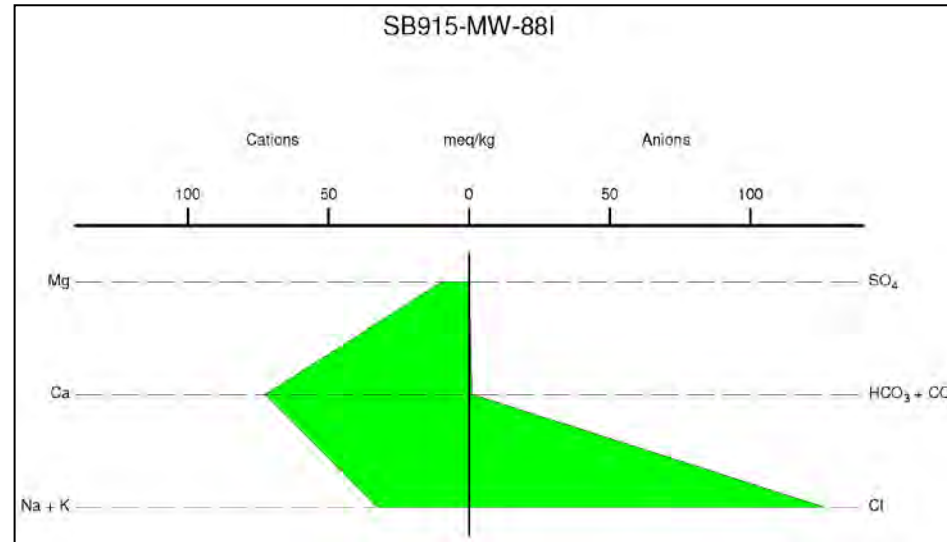
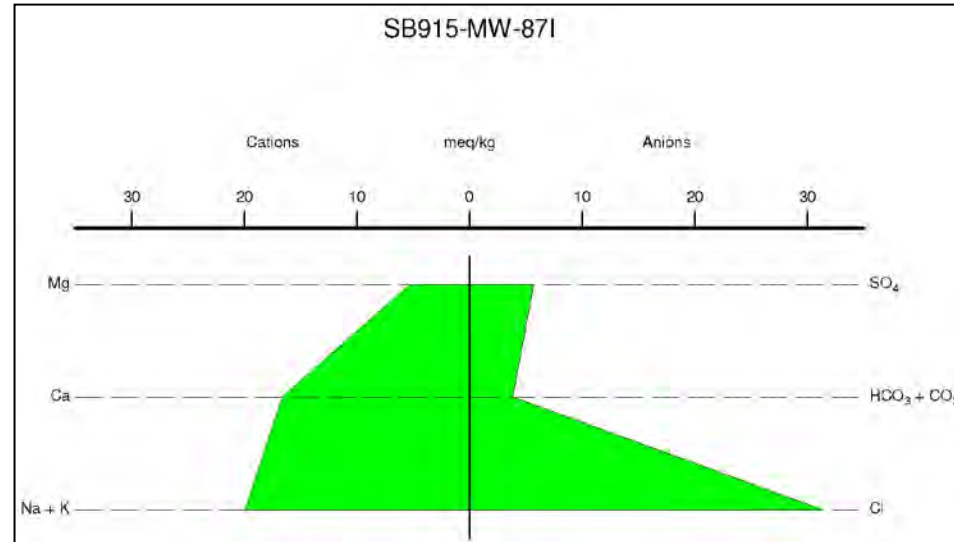












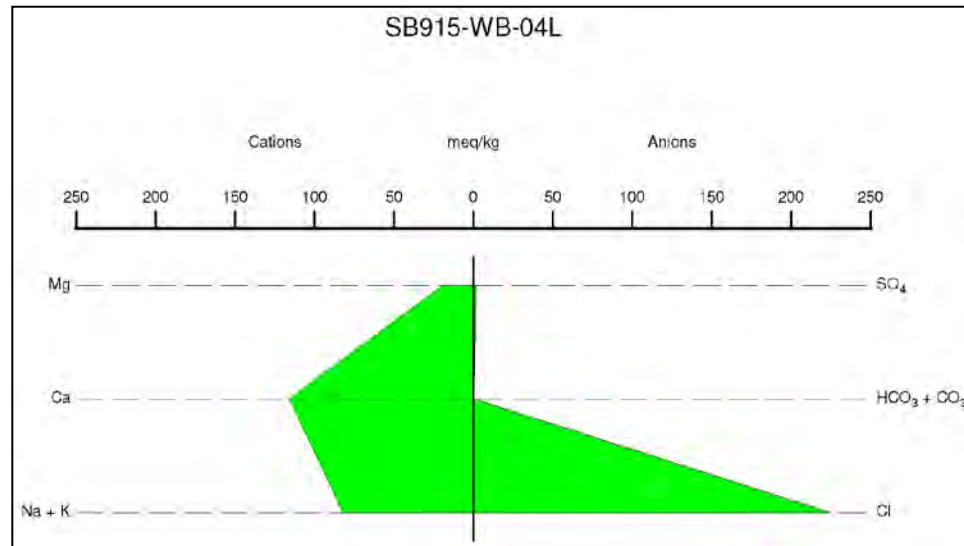
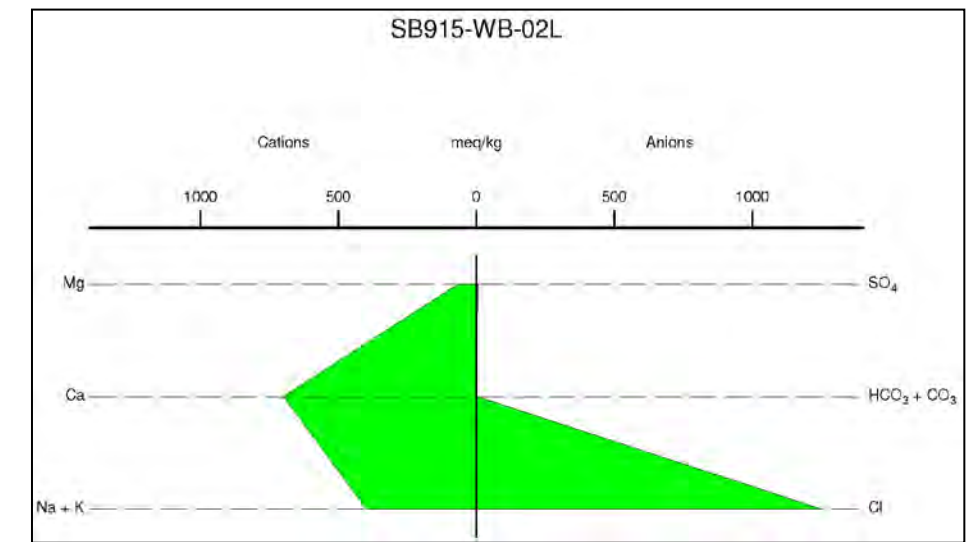
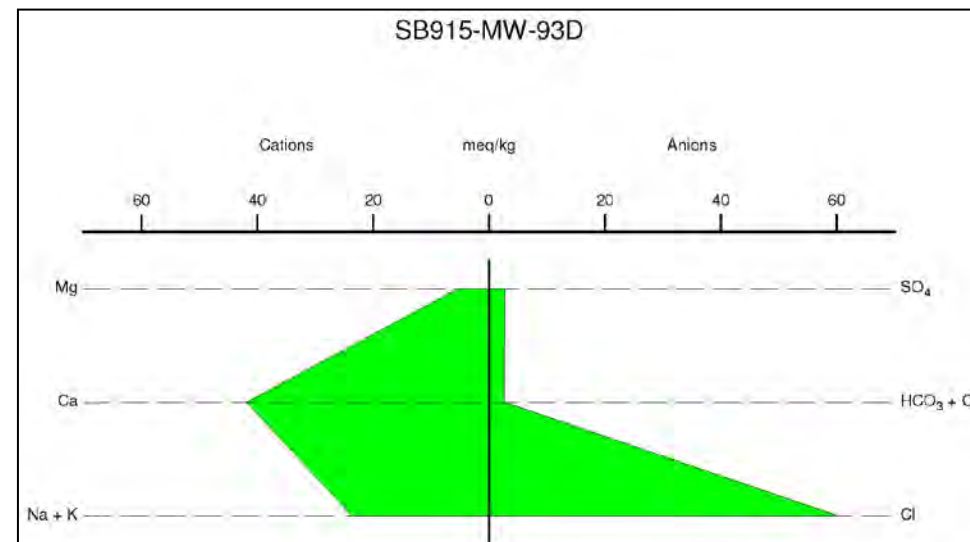
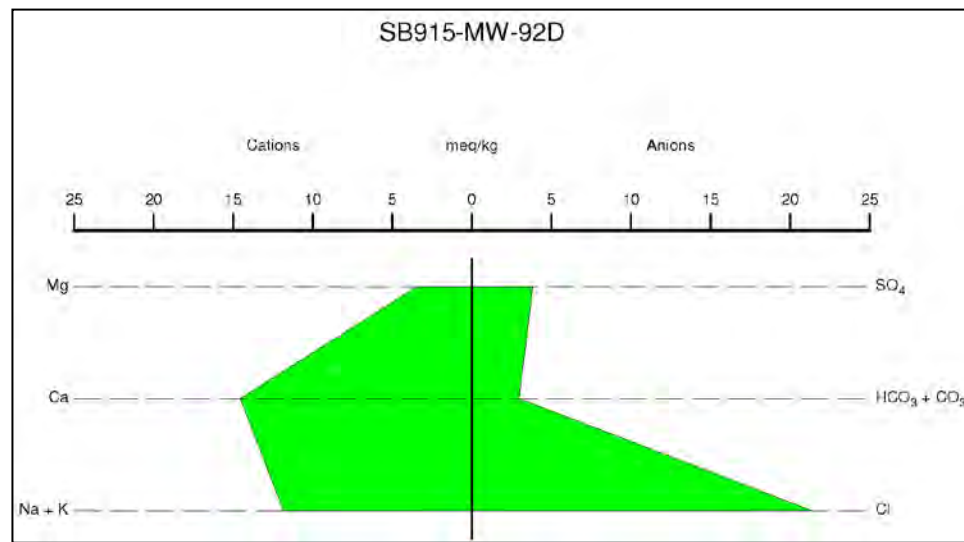
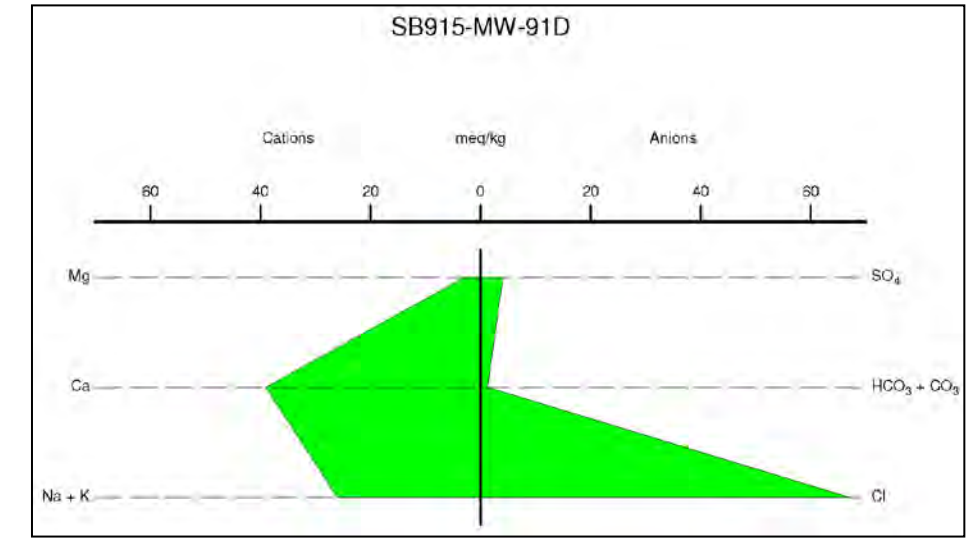
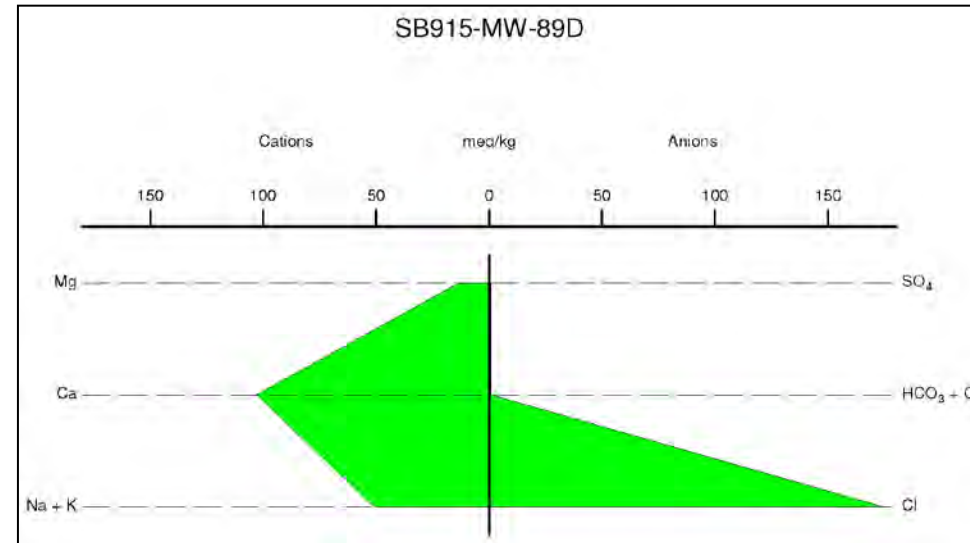
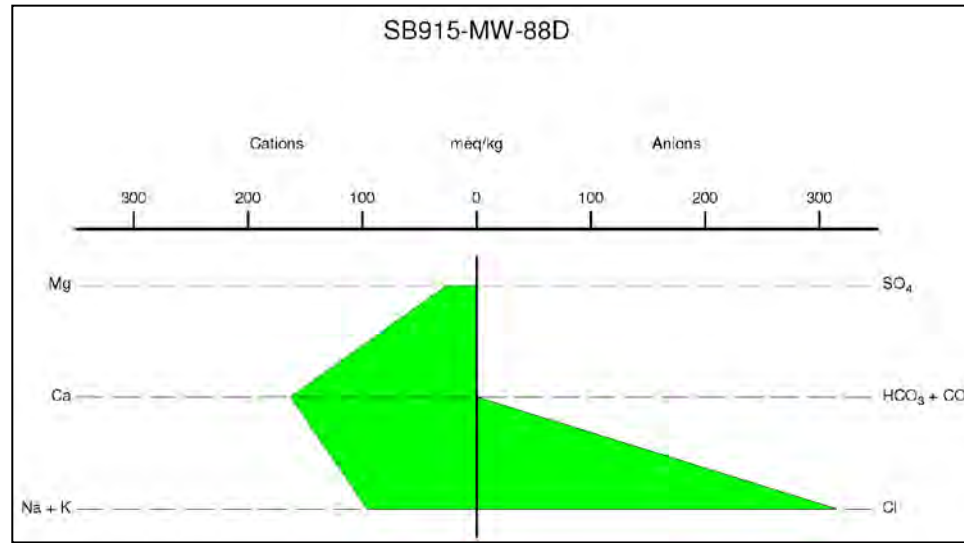
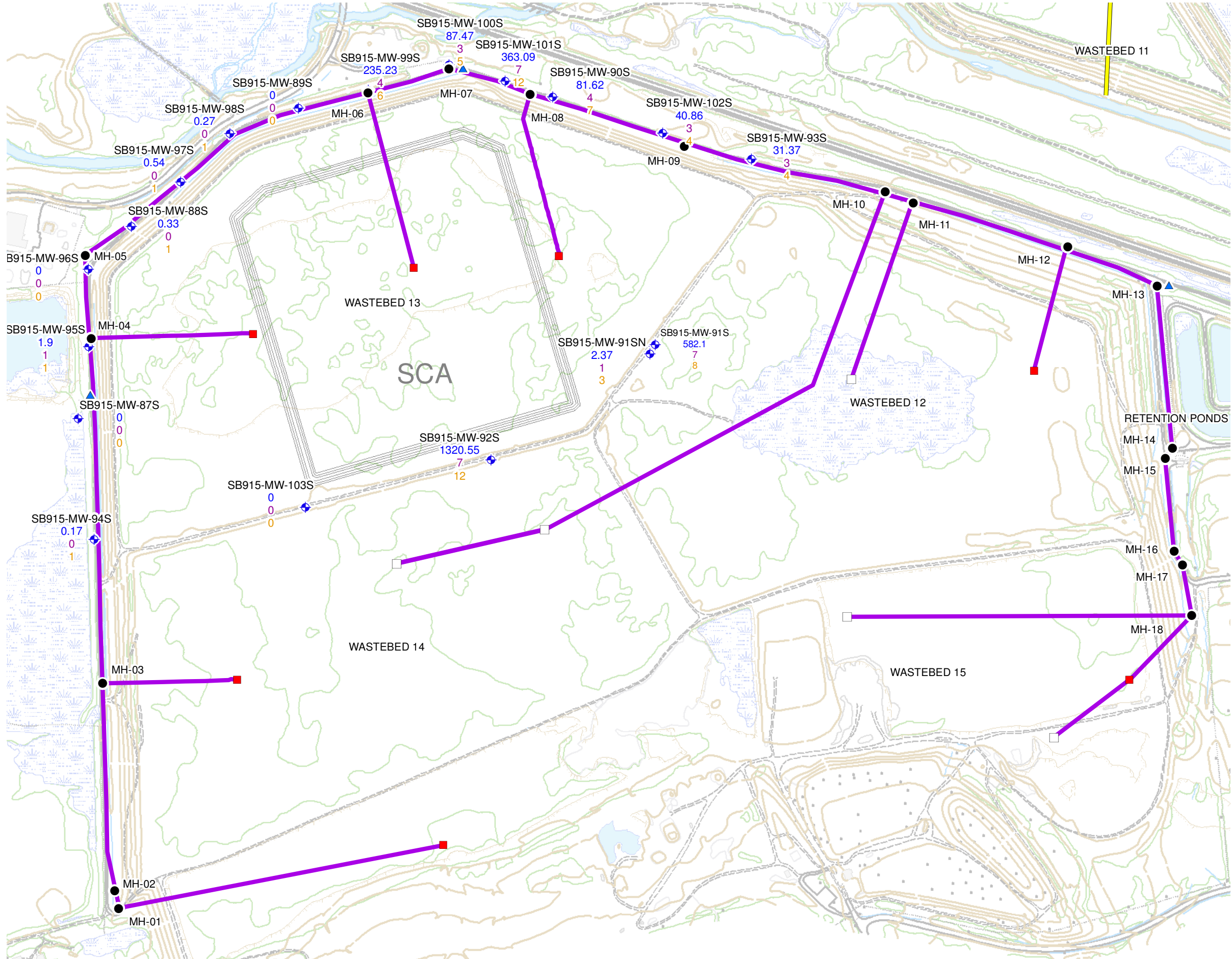


FIGURE 25



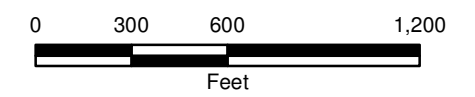
LEGEND

- MONITORING WELL
 - WEIR BOX (NOT FOUND)
 - WEIR BOX
 - OUTFALL
 - MANHOLES
 - SCA
 - OVERFLOW PIPE**
 - NOT FOUND
 - FOUND
- SB915-MW-93S - LOCATION ID
 31.37 - TOTAL VOC'S (ug/L)
 3 - NUMBER OF CONSTITUENTS ABOVE GROUNDWATER STANDARDS
 4 - NUMBER OF CONSTITUENTS DETECTED



HONEYWELL
SETTLING BASINS 9-15
GEDDES AND CAMILLUS, NY

SHALLOW NATIVE
GROUNDWATER
TOTAL VOC'S
SEPTEMBER 2011



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FIGURE 26



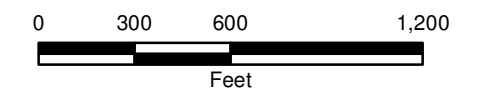
LEGEND

- MONITORING WELL
- WEIR BOX (NOT FOUND)
- WEIR BOX
- OUTFALL
- MANHOLES
- SCA
- OVERFLOW PIPE**
- NOT FOUND
- FOUND

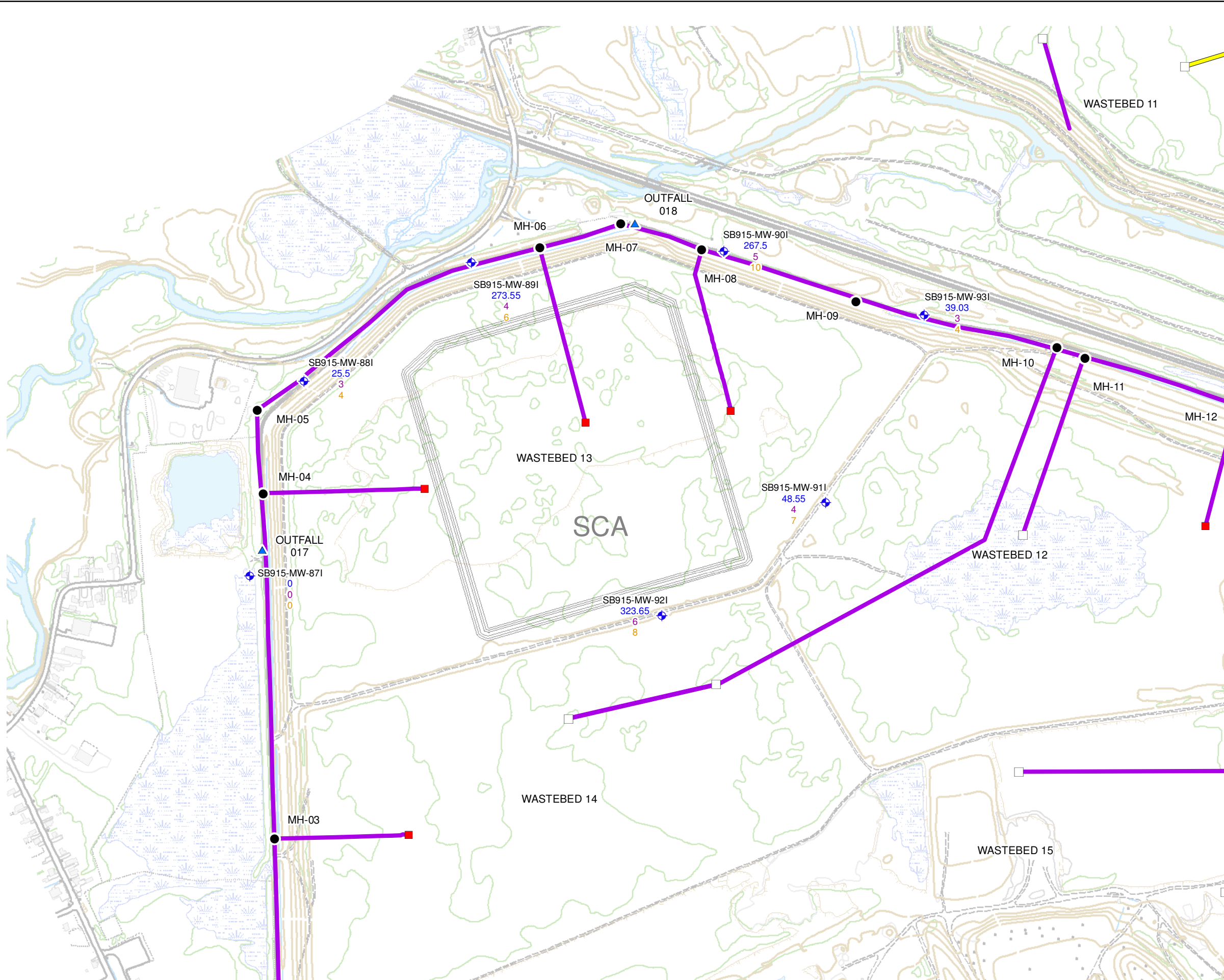
SB915-MW-931 - LOCATION ID
39.03 - TOTAL VOC'S (ug/L)
 3 - NUMBER OF CONSTITUENTS ABOVE GROUNDWATER STANDARDS
 4 - NUMBER OF CONSTITUENTS DETECTED

HONEYWELL
 SETTLING BASINS 9-15
 GEDDES AND CAMILLUS, NY

**INTERMEDIATE
 GROUNDWATER
 TOTAL VOC'S
 SEPTEMBER 2011**



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 1163.46698



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PLOTDATE: 07/17/12 9:20:09 AM StartSca

FIGURE 27



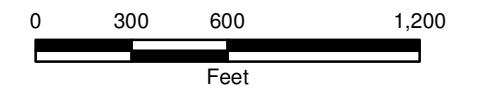
LEGEND

- MONITORING WELL
- WEIR BOX (NOT FOUND)
- WEIR BOX
- OUTFALL
- MANHOLES
- SCA
- OVERFLOW PIPE**
- NOT FOUND
- FOUND

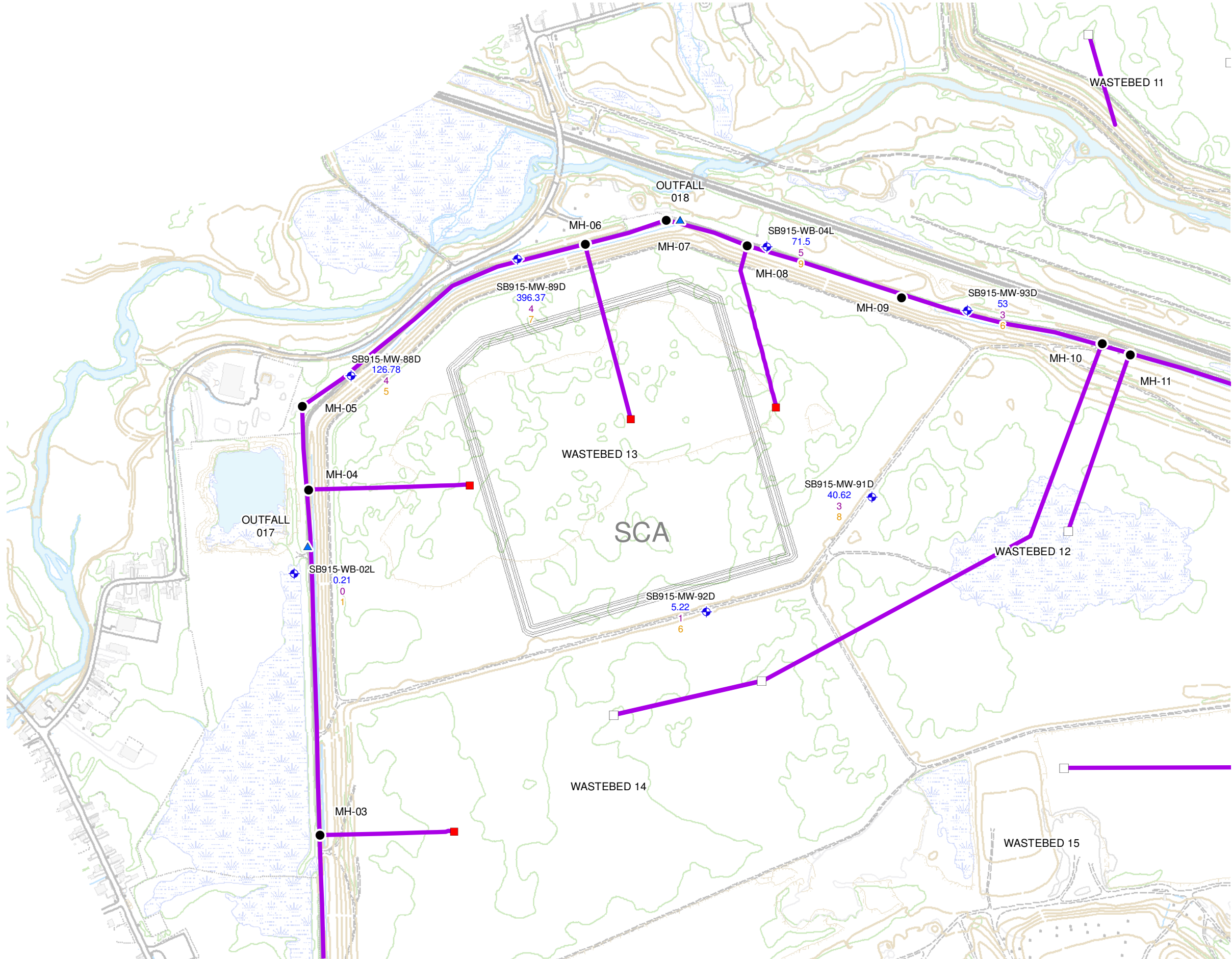
SB915-MW-93D - LOCATION ID
53 - TOTAL VOC'S (ug/L)
3 - NUMBER OF CONSTITUENTS ABOVE GROUNDWATER STANDARDS
6 - NUMBER OF CONSTITUENTS DETECTED

HONEYWELL
 SETTling BASINS 9-15
 GEDDES AND CAMILLUS, NY

DEEP
 GROUNDWATER
 TOTAL VOC'S
 SEPTEMBER 2011



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 1163.46698



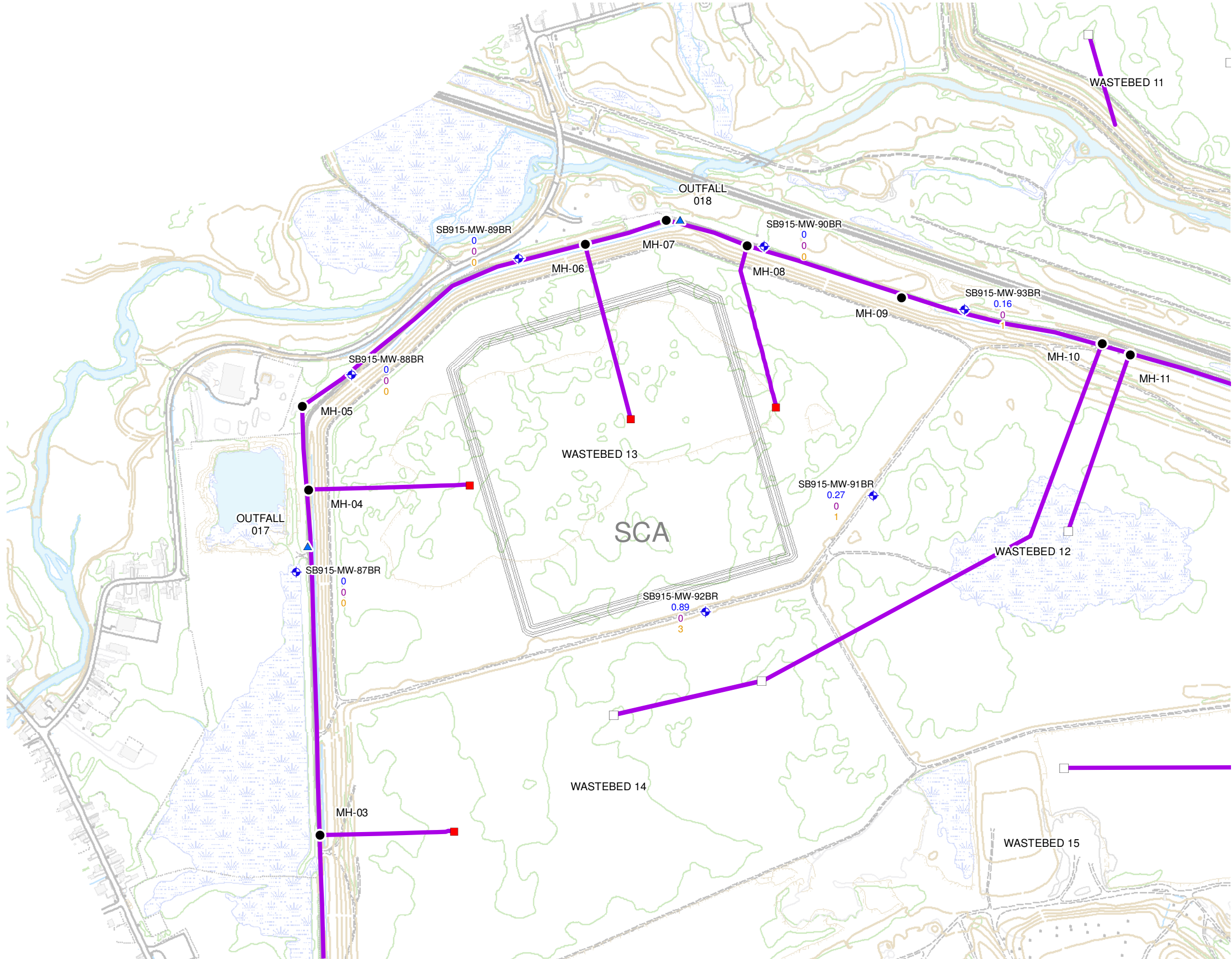
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FIGURE 28



LEGEND

- MONITORING WELL
 - WEIR BOX (NOT FOUND)
 - WEIR BOX
 - OUTFALL
 - MANHOLES
 - SCA
 - OVERFLOW PIPE**
 - NOT FOUND
 - FOUND
- SB915-MW-92BR - LOCATION ID
- | | |
|------|--|
| 0.16 | - TOTAL VOC'S (ug/L) |
| 0 | - NUMBER OF CONSTITUENTS ABOVE GROUNDWATER STANDARDS |
| 1 | - NUMBER OF CONSTITUENTS DETECTED |



HONEYWELL
SETTLING BASINS 9-15
GEDDES AND CAMILLUS, NY

**BEDROCK
GROUNDWATER
TOTAL VOC'S
SEPTEMBER 2011**



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1163.46698



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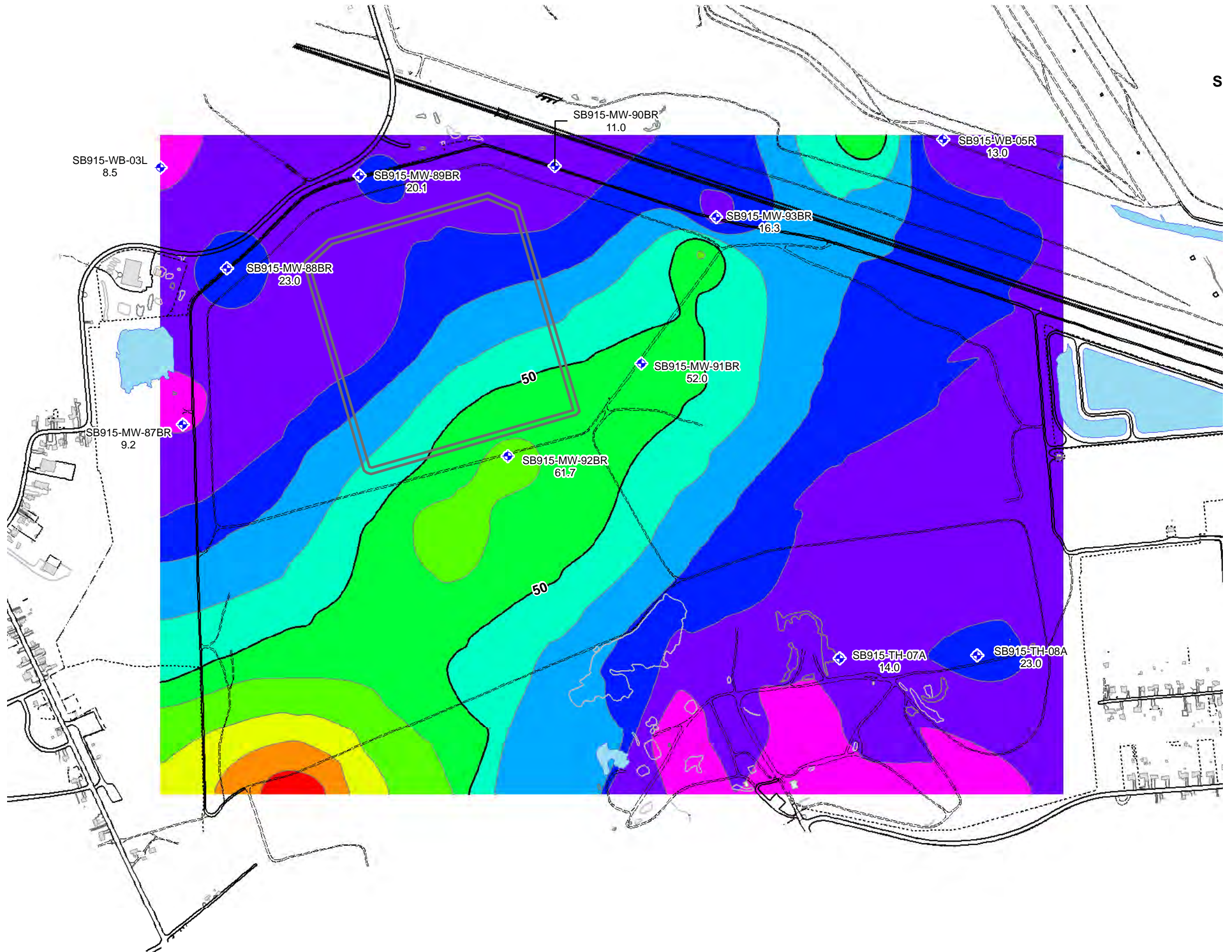
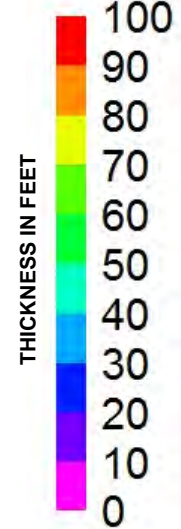


FIGURE 29



LEGEND

- ◆ MONITORING WELL
- ◆ PEIZOMETER
- ▲ SOIL BORING
- SCA



**HONEYWELL
SETTLING BASINS 9-15
GEDDES AND CAMILLUS, NY**

TILL THICKNESS



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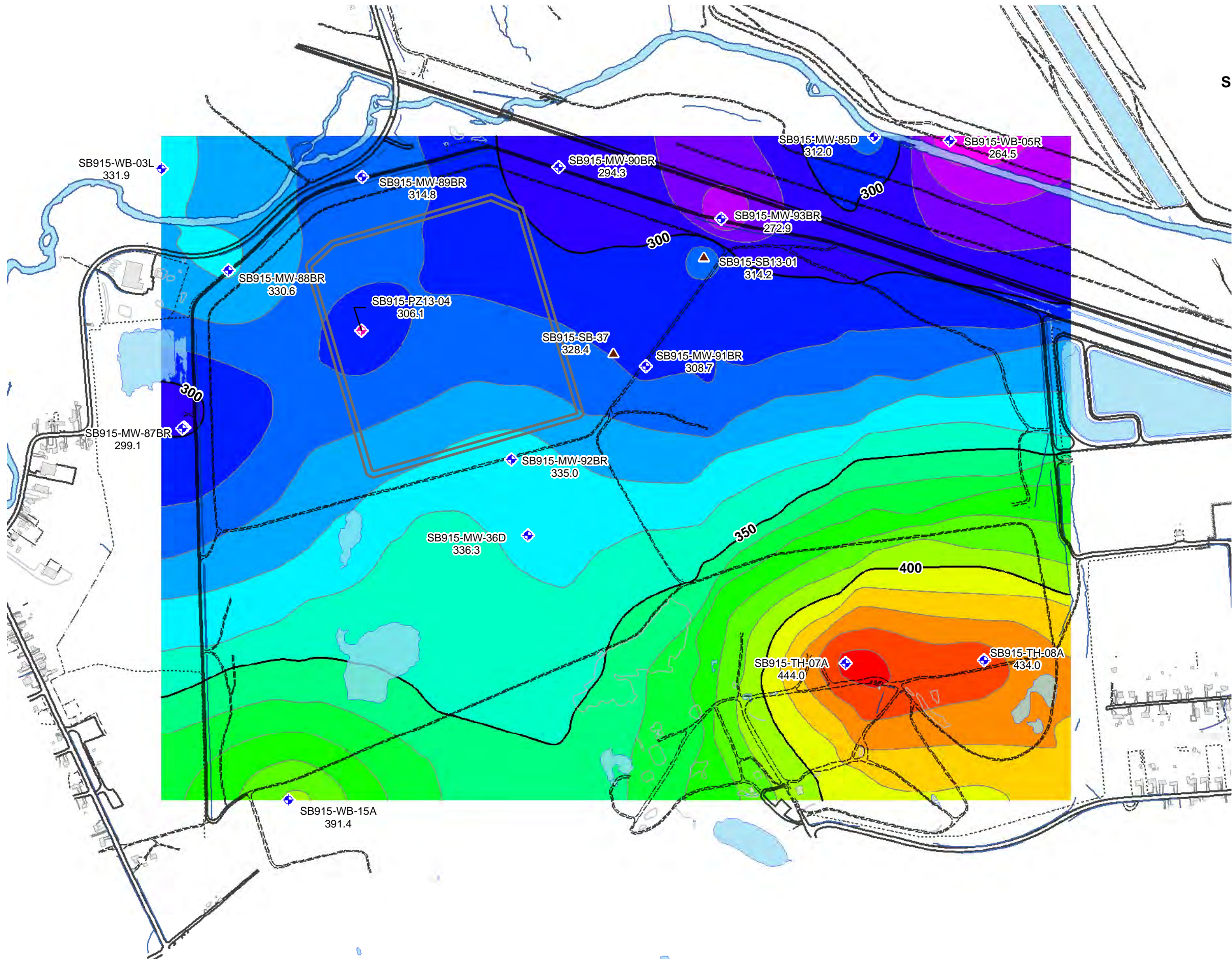
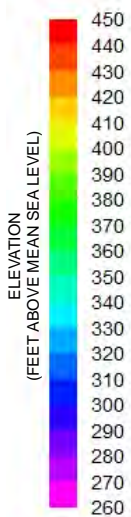


FIGURE 30



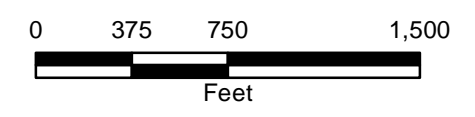
LEGEND

- MONITORING WELL
- PEIZOMETER
- SOIL BORING
- SCA



HONEYWELL
SETTLING BASINS 9-15
GEDDES AND CAMILLUS, NY

TILL SURFACE



SEPTEMBER 2014
1163.46698



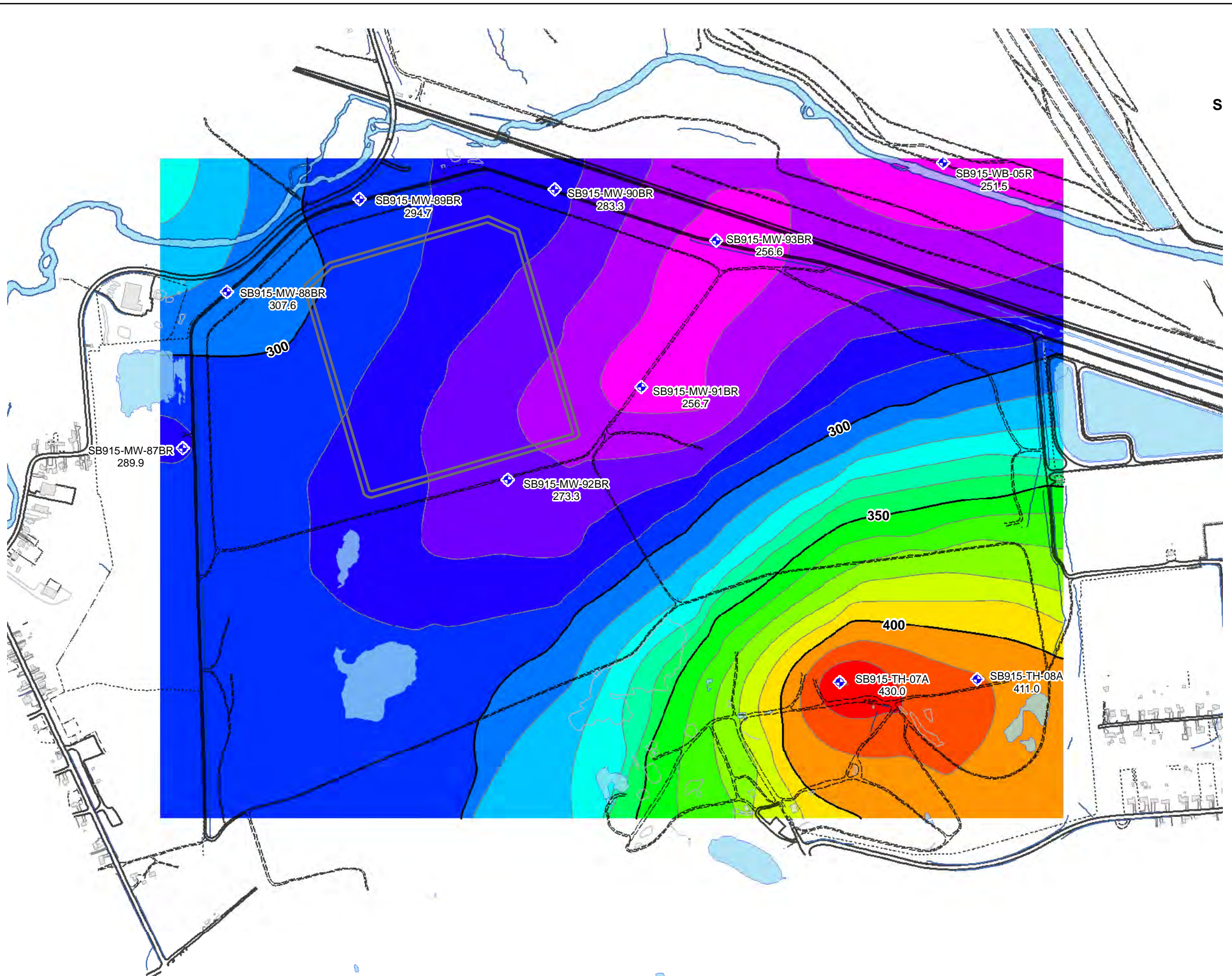
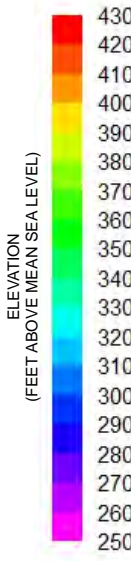


FIGURE 31



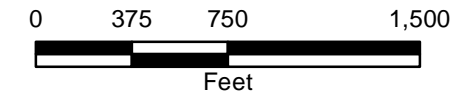
LEGEND

- Monitoring Well (blue diamond with cross)
- Piezometer (pink diamond with cross)
- Soil Boring (brown triangle)
- SCA (yellow outline)



HONEYWELL
SETTLING BASINS 9-15
GEDDES AND CAMILLUS, NY

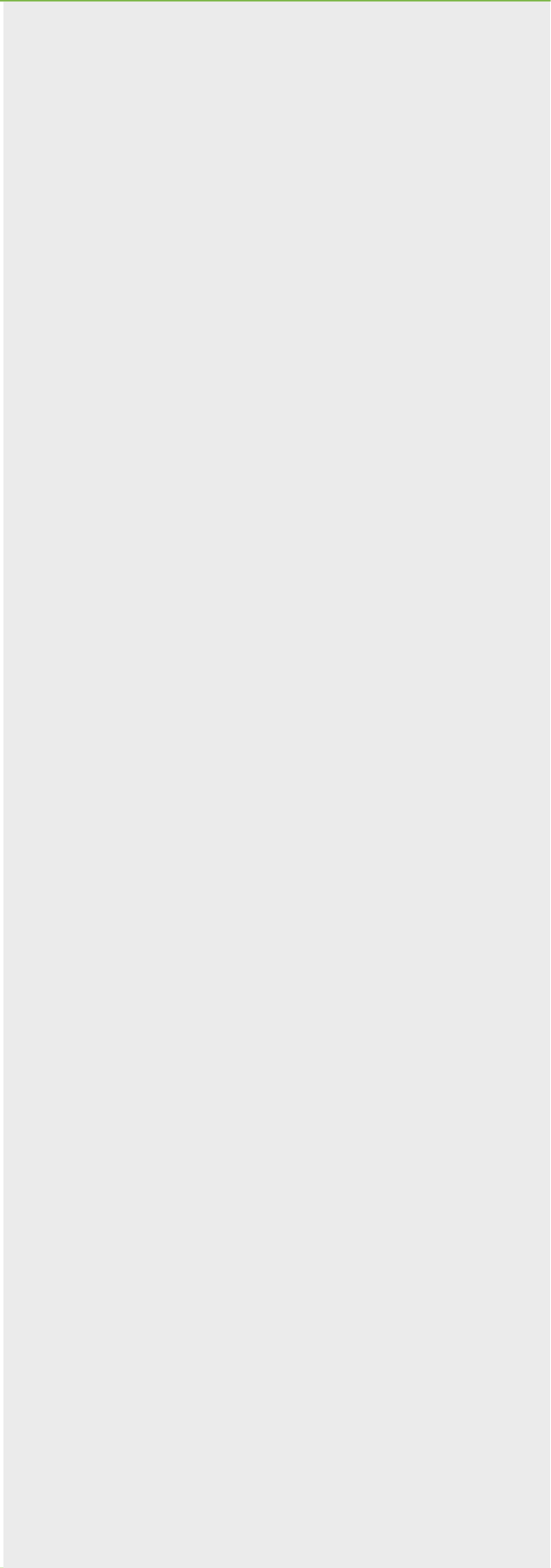
BEDROCK SURFACE



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Boring Logs

O'BRIEN & GERE ENGINEERS, INC.						TEST BORING LOG		REPORT OF BORING SB915-MW-36S			
Client: Honeywell Proj. Loc: Settling Basins 9 - 15 Geddes/Camillus, NY						Sampler: 2" Spoon Automatic Hammer		Page 1 of 1 Location: Settling Basin 14			
File No.: 1163/36327						Drop: 30"		Start Date: 7/21/2006 End Date: 7/26/2006			
Boring Company: Parratt-Wolff Inc. Foreman: Joe Percy Drill Rig: CME 850 Geologist: Yuri Veliz, Jason Williams						Screen = Riser		Grout Sand Pack Bentonite			
Depth Below Grade	No.	Depth (feet)	Blows /6"	Penetr/ Recovery	"N" Value	Sample Description	Stratum Change General Descript	Equip. Installed	Field Testing		
0	1	2	WOH	2.0/0.3	WOH	light gray (N7), soft damp, solvay waste			24	905	
2	2	4	1 1 1	2.0/0.5	2	SAA	Solvay Waste		1.6	910	
4	3	6	WOH 1 2	2.0/2.0	1	dark gray (N3) and light gray (N7), soft, wet, solvay waste			0.3	920	
6	4	8	1 1 1	2.0/2.0	2	SAA			0.1	930	
8	5	10	2 2 WOH	2.0/1.5	2	SAA			0	940	
10	6	12	WOH	2.0/0.5	WOH	SAA			0.2	955	
12	7	14	WOH 1 1 1	2.0/1.0	2	SAA, saturated			0.6	1000	
14	8	16	WOH 1 1 1	2.0/1.5	2	SAA	Solvay Waste		0	1005	
16	9	18	WOH 1 1 1	2.0/1.0	2	SAA			0.8	1010	
Notes: Well set at SB915-SB-36 boring location - boring completed to 118'. Well set @ 18', screen 18'-8' sand 18'-6', seal 6'-4', grout to grade See boring log for SB915-SB-36 for additional details.											

O'BRIEN & GERE ENGINEERS, INC.						TEST BORING LOG	REPORT OF BORING SB915-SB-36					
Client: Honeywell Proj. Loc: Settling Basins 9 - 15 Geddes/Camillus, NY						Sampler: 2" Spoon Automatic Hammer		Page 1 of 4 Location: Settling Basin 14 Start Date: 7/21/2006 End Date: 7/26/2006				
File No.: 1163/36327						Drop: 30"		Screen = <input type="checkbox"/>		<input type="checkbox"/> Grout <input type="checkbox"/> Sand Pack <input checked="" type="checkbox"/> Bentonite		
Boring Company: Parratt-Wolff Inc. Foreman: Joe Percy Drill Rig: CME 850 Geologist: Yuri Veliz, Jason Williams												
Depth Below Grade	No.	Depth (feet)	Blows /6"	Penetr/ Recovery	"N" Value	Sample Description	Stratum Change General Descript	Equip. Installed	Field Testing PID (ppm) Time			
0	1	2	WOH	2.0/0.3	WOH	light gray (N7), soft damp, solvay waste			24	905		
2	2	4	1 1 1	2.0/0.5	2	SAA	Solvay Waste		1.6	910		
4	3	6	WOH 1 2	2.0/2.0	1	dark gray (N3) and light gray (N7), soft, wet, solvay waste			0.3	920		
6	4	8	1 1 1	2.0/2.0	2	SAA			0.1	930		
8	5	10	2 2 WOH	2.0/1.5	2	SAA			0	940		
10	6	12	WOH	2.0/0.5	WOH	SAA			0.2	955		
12	7	14	WOH 1 1 1	2.0/1.0	2	SAA, saturated			0.6	1000		
14	8	16	WOH 1 1 1	2.0/1.5	2	SAA	Solvay Waste		0	1005		
16	9	18	WOH 1 1 1	2.0/1.0	2	SAA			0.8	1010		
Notes: See boring log for SB915-SB-36 for additional details.												

O'BRIEN & GERE ENGINEERS, INC.						TEST BORING LOG		REPORT OF BORING SB915-SB-36			
Client: Honeywell Proj. Loc: Settling Basins 9 - 15 Geddes/Camillus, NY						Sampler: 2" Spoon Automatic Hammer		Page 2 of 4 Location: Settling Basin 14			
File No.: 1163/36327						Drop: 30"		Start Date: 7/21/2006 End Date: 7/26/2006			
Boring Company: Parratt-Wolff Inc. Foreman: Joe Percy Drill Rig: CME 850 Geologist: Yuri Veliz, Jason Williams						Screen = Riser		Grout Sand Pack Bentonite			
Depth Below Grade	No.	Depth (feet)	Blows /6"	Penetr/ Recovery	"N" Value	Sample Description	Stratum Change General Descript	Equip. Installed	Field Testing PID (ppm) Time		
18	10	20	WR	2.0/1.5	WR	SAA			0.2	1020	
20	11	22	WH WH 1	2.0/1.5	WH	SAA	Solvay Waste		0.6	1035	
22	12	24	WH WH 1	2.0/1.5	WH	SAA			0.2	1043	
24	13	26	WR	2.0/0.0	WR	No recovery			NA	1056	
26	14	28	WR	2.0/1.0	WR	dark gray (N8), stiff, wet, solvay waste			1.8	1100	
28	15	30	WH	2.0/1.5	WH	SAA			0.4	1105	
30	16	32	WH	2.0/1.0	WH	SAA			1	1115	
32	17	34	WH	2.0/1.0	WH	SAA			8.3	11233	
34	18	36	1 1 1 4	2.0/0.5	2	SAA, harder	Solvay Waste		5.7	1130	
Notes:											

O'BRIEN & GERE ENGINEERS, INC.						TEST BORING LOG	REPORT OF BORING SB915-SB-36				
Client: Honeywell Proj. Loc: Settling Basins 9 - 15 Geddes/Camillus, NY						Sampler: 2" Spoon Automatic Hammer		Page 3 of 4 Location: Settling Basin 14			
File No.: 1163/36327						Drop: 30"		Start Date: 7/21/2006 End Date: 7/26/2006			
Boring Company: Parratt-Wolff Inc. Foreman: Joe Percy Drill Rig: CME 850 Geologist: Yuri Veliz, Jason Williams						Screen = Riser		Grout Sand Pack Bentonite			
Depth Below Grade	No.	Depth (feet)	Blows /6"	Penetr/ Recovery	"N" Value	Sample Description	Stratum Change General Descript	Equip. Installed	Field Testing PID (ppm) Time		
36	19	38	2	2.0/0.5	4	SAA, harder			1.8	1135	
			2								
			2								
			3								
38	20	40	WH	2.0/1.0	1	dark gray (N3), stiff to soft, wet, solvay waste			18	1152	
			WH								
			1								
			5								
40	21	42	WH	2.0/1.0	1	SAA	Solvay Waste		1	1210	
			WH								
			1								
			2								
42	22	44	WH	2.0/1.0	1	SAA			0.1	1215	
			WH								
			1								
			2								
44	23	46	WH	2.0/1.0	1	SAA			0	1335	
			WH								
			1								
			1								
46	24	48	WH	2.0/1.0	WH	SAA			0	1345	
48	25	50	WH	2.0/0.5	1	SAA			0	1355	
50	26	52	WH	2.0/0.5	2	SAA	48'		0	1403	
			2								
			3				50'				
52	27	54	WH	2.0/0.5	2	SAA	52'	=	0	1410	
			2					=			
			3					=			
								=			
								=			
								=			
								=			
Notes:											

O'BRIEN & GERE ENGINEERS, INC.						TEST BORING LOG		REPORT OF BORING SB915-SB-36			
Client: Honeywell Proj. Loc: Settling Basins 9 - 15 Geddes/Camillus, NY						Sampler: 2" Spoon Automatic Hammer		Page 4 of 4 Location: Settling Basin 14			
File No.: 1163/36327						Drop: 30"		Start Date: 7/21/2006 End Date: 7/26/2006			
Boring Company: Parratt-Wolff Inc. Foreman: Joe Percy Drill Rig: CME 850 Geologist: Yuri Veliz, Jason Williams						Screen = Riser		Grout Sand Pack Bentonite			
Depth Below Grade	No.	Depth (feet)	Blows /6"	Penetr/ Recovery	"N" Value	Sample Description	Stratum Change General Descript	Equip. Installed	Field Testing PID (ppm) Time		
54	28	56	WH	2.0/0.5	WH	SAA		=	1	1432	
			WH					=			
								=			
								=			
56	29	58	WH	2.0/0.5	1	SAA		=	0	1450	
			WH					=			
			1					=			
			1					=			
58	30	60	WH	2.0/0.5	1	SAA	Solvay Waste	=	0.3	1456	
			WH					=			
			1					=			
			1					=			
60	31	62	WR	2.0/2.0	WR	SAA up to 61.8'bg, then is grayish black (N2), soft, damp PEAT		=	0	7/24/06 920	
							61.8'	=			
							Peat	=			
62	32	64	8	2.0/1.0	25	mod brown (5YR4/4) hard, damp, silty clay	62'	62'	0	940	
			12								
			13				Silty Clay				
			20				64'				
64	33	66	14	2.0/1.5	55	mod brown (5YR4/4) hard, wet, SILT and f sand, some clay			0	1000	
			25				Silt				
			30								
			23								
66		68	NA	NA	NA	No sample collected from 66'-68' 4" steel casing set at 68'					
68	34	70	12	2.0/0.8	20	mod yellowish brown (10YR5/4) saturated, hard, SILT, trace to little f sand			0.3	7/25/06 910	
			8								
			12								
			10								
70	35	72	7	2.0/1.4	24	SAA, SILT w/ some f sand, 6" layer w/ some clay from 70.8-71.3'			0.1	920	
			7								
			17								
			20								
Notes: Well set at SB915-SB-36 boring location - boring completed to 118'. Well set @ 62', screen 62'-52' sand 62'-50', seal 50'-48', grout to grade											

O'BRIEN & GERE ENGINEERS, INC.						SOIL BORING LOG		REPORT OF BORING SB915-MW-87BR			
Client: Honeywell						Sampler: 2-3" Split Spoon		Location: SCA			
Proj. Loc: Wastedbed 13 SCA Camillus, NY						Hammer: 140-lb drop		Start Date: 9/29/2010			
File No.: 1163/46698						Fall: 30"		End Date: 10/6/2010			
Boring Company: GeoLogic, Inc.						Screen Riser		Grout Sand Pack Bentonite			
Foreman: Scott Breeds/David Lyons											
OBG Geologist: Jon Bone/Nate Vogan											
Depth Below Grade	No.	Depth (feet)	Blows /6"	Penetr/ Recovery (in ft)	"N" Value	Sample Description	Stratum Change General Descript	Equip. Installed	Field Testing		
									PID (ppm)	Time	
0	1	2	4-3-2-2	2.0/1.0	5	0-1.0 Loose, dry, Brownish Gray(5YR 4/1), F-M-C SAND, some f-m angular gravel, trace silt.	F-M-C Sand	\	\	0.0	1017
2	2	4	7-6-6-5	2.0/1.8	12	0-1.0 SAA, moist. 1.0-1.8 stiff, moist Moderate brown (5YR 4/4) SILT, trace black mottling	Silt	\	\	0.0	1020
4	3	6	4-6-7-7	2.0/1.8	13	0-1.0 SAA (1.0-1.8). 1.0-1.8 Medium dense, very moist, Moderate Brown (5YR 4/4) f SAND, trace silt.	F Sand	\	\	0.0	1030
6	4	8	8-6-5-6	2.0/1.2	11	0-1.2 SAA (1.0-1.8) no silt		\	\	NA	1035
8	5	10	3-4-3-2	2.0/2.0	7	0-2.0 Medium, wet, Moderate Brown (5YR 4/4)f SAND grading to-f-m sand with depth		\	\	0.0	1040
10	6	12	2-1-2-1	2.0/2.0	3	0-2.0 Very loose, wet, Moderate Brown(5YR 4/4) med SAND	M Sand	\	\	0.0	1052
12	7	14	4-50/4	0.9/0.9	>50	0-0.5 SAA. 0.5-0.9 Very dense, dry, Medium Light Gray (N6), f-m angular GRAVEL, some m-c sand		\	\	0.0	1057
14	8	16	10-10-17-100/0.4	1.9/1.0	27	0-1.0 Very dense, dry, Medium Gray (N5) m-c angular GRAVEL, some m-c sand, angular c sand and small gravel varying in color from White (N9), Black (N1), Moderate Brown (5YR 4/4)	Sand and Gravel	\	\	0.0	1115
16	9	18	50/0.2	0.2/0.2	>50	0-2.0 SAA		\	\	0.0	1135
18	10	20	25-31-13-10*	2.0/1.1	NA	Three inch spoon. 0-0.6 SAA. 0.6-1.1 Dense, moist to wet, Brownish Gray (5YR 4/1), m-c SAND and m-c angular GRAVEL, few 3 in. diameter cobbles subrounded		\	\	0.0	1200
20	11	22	9-10-7-17*	2.0/1.0	NA	Three inch spoon. 0-1.0 Loose, moist, Brownish Gray (5YR 4/1) m-c angular GRAVEL, some m-c sand, few large 2-3 in. subrounded gravel		\	\	0.0	1302
22	12	24	23-27-35-14*	2.0/0.6	NA	Three inch spoon. 0-0.6 SAA		\	\	0.0	1310
24	13	26	8-5-4-6	2.0/1.0	9	0-1.0 Loose, wet, Brownish Gray (5YR 4/1) m-c angular GRAVEL, some m-c angular sand, trace 2-3 in. coarse gravel	Sand and Gravel	\	\	0.0	1635
26	14	28	7-6-4-4	2.0/0.0	10	No Recovery		\	\	NA	09/30/10 852
28	15	30	7-8-10-9	2.0/0.2	18	0-0.2 Loose, saturated, Medium Dark Gray (N4) m-c angular GRAVEL, little c sand		\	\	0.0	855
30	16	32	12-14-13-11*	2.0/0.3	NA	Three inch spoon. 0-0.3 Loose, saturated, Brownish Gray(5YR 4/1) m-c angular GRAVEL pieces (2-3 in.) some m-c angular sand		\	\	0.0	920

Notes:

* 3" inch spoon

** A four foot macrocore sampler was used

O'BRIEN & GERE ENGINEERS, INC.						<u>SOIL BORING LOG</u>		REPORT OF BORING SB915-MW-87BR			
Client: Honeywell						Sampler: 2-3" Split Spoon		Location: SCA			
Proj. Loc: Wastedbed 13 SCA Camillus, NY						Hammer: 140-lb drop		Start Date: 9/29/2010			
File No.: 1163/46698						Fall: 30"		End Date: 10/6/2010			
Boring Company: GeoLogic, Inc.						Screen =		Grout			
Foreman: Scott Breeds/David Lyons						Riser		Sand Pack			
OBG Geologist: Jon Bone/Nate Vogan								Bentonite			
Depth Below Grade	No.	Depth (feet)	Blows /6"	Penetr/ Recovery (in ft)	"N" Value	Sample Description	Stratum Change General Descript	Field Testing			
								Equip. Installed		PID (ppm)	Time
32	17	34	4-6-5-6*	2.0/1.5	NA	Three inch spoon. 0-0.9 Medium dense, saturated, Brownish Gray (5YR 4/1) f-m angular GRAVEL, some m-c sand, few coarse (2-3 in) angular to sub-angular gravel, 0.9-1.5 Loose, saturated, Brownish Gray (5YR 4/1) coarse subrounded to subangular gravel, little c-sand		\	\		
34	18	36	8-8-7-8*	2.0/0.4	NA	Three inch spoon. 0-0.4 Loose, saturated, Brownish Gray (5YR 4/1) m-c SAND, some f-m subrounded gravel, little silt, trace c-gravel	Sand and Gravel	\	\	0.0	1000
36	19	38	5-7-7-5	2.0/1.5	14	0-1.5 Medium dense, saturated, Brownish Gray (5YR 4/1), f-m-c subrounded to rounded GRAVEL, some m-c sand, trace silt		\	\	0.0	1005
38	20	40	10-14-12-16*	2.0/1.5	NA	Three inch spoon. 0-1.5 Medium dense, saturated, Brownish Gray (5YR 4/1), m-c SAND, some m-c rounded to subrounded gravel, some silt supporting sand and gravel, trace coarse 2-3 in rounded gravel		\	\	0.0	10/1/10 1010
40	21	42	14-18-23-35*	2.0/1.4	NA	Three inch spoon. 0-0.5 Dense, saturated, Brownish Gray (5YR 4/1), m-c SAND, little f sand, some f-m rounded gravel. 0-5-1.4 dense, saturated, Brownish Gray (5YR 4/1) m-c SAND, some f-m angular gravel, supported by silt, trace clay. Some m-c angular to subangular gravel @ bottom, well graded	Sand	\	\	0.0	1054
42	22	44	30-23-18-14*	2.0/1.5	NA	Three inch spoon. 0-1.5 Dense, saturated, Brownish Gray (5YR4/1),m-c angular SAND, some silt supporting sand, few f-m angular gravel, trace coarse subrounded gravel, well graded		\	\	0.0	1105
44	23	46	12-14-18-18*	2.0/1.0	NA	Three inch spoon. 0-1.0 Dense, saturated, Brownish Gray (5YR 4/1), m-c subrounded SAND, few f-m rounded to subrounded gravel, trace c-subrounded gravel, well graded		\	\	0.0	1140
46	24	48	14-18-32-10*	2.0/0.9	NA	Three inch spoon. 0-0.7 SAA trace coarse (2-3 in) subrounded gravel. 0-7-0.9 stiff, saturated, Brownish Gray (5YR 4/1) SILT, some clay matrix supporting, little m-c angular to subangular sand, few m-c angular gravel, silt and clay matrix, moderately cohesive	Sand and Gravel	\	\	0.0	1150

Notes:

* 3" inch spoon

** A four foot macrocore sampler was used

O'BRIEN & GERE ENGINEERS, INC.						SOIL BORING LOG		REPORT OF BORING SB915-MW-87BR			
Client: Honeywell						Sampler: 2-3" Split Spoon		Location: SCA			
Proj. Loc: Wastedbed 13 SCA Camillus, NY						Hammer: 140-lb drop		Start Date: 9/29/2010			
File No.: 1163/46698						Fall: 30"		End Date: 10/6/2010			
Boring Company: GeoLogic, Inc.						Screen Riser		Grout Sand Pack Bentonite			
Foreman: Scott Breeds/David Lyons											
OBG Geologist: Jon Bone/Nate Vogan											
Depth Below Grade	No.	Depth (feet)	Blows /6"	Penetr/ Recovery (in ft)	"N" Value	Sample Description	Stratum Change General Descript	Field Testing			
								Equip. Installed		PID (ppm)	Time
48	25	50	40-40-40-61*	2.0/1.4	NA	Sampled with 3 in spoon. 0-1.4 Very dense, wet, Brownish Gray (5YR 4/1) SILT, with little clay matrix supporting some m-c subangular sand, some f-m-c subangular gravel, few coarse (2-3 in) angular to subangular gravel	Sand and Gravel	\	\		
50	26	52	55-64-70-70*	2.0/1.4	NA	Sampled with 3 in spoon, 0-1.4 Very dense, saturated, Brownish Gray (5YR 4/1) m-c subrounded SAND, some f-m-c subrounded gravel, trace coarse (2-3 in) pieces of angular gravel, trace silt, not matrix supported		\	\	0.0	1355
52	27	54	23-25-41-40*	2.0/1.3	NA	Sampled with 3 in spoon. 0-0.6 SAA (0.6-1.3) Very dense, wet, Brownish Gray (5YR 4/1) SILT, trace clay, matrix supporting, m-c angular sand, some m-c subangular gravel, trace coarse (2-3 in) angular gravel pieces		\	\	0.0	1401
54	28	56	32-27-28-26*	2.0/1.1	NA	Sampled with 3 in spoon. SAA (0.6-1.3) increase in large angular gravel pieces, most likely from large cobble layer, slightly less matrix supported.		\	\	0.0	1450
56	29	58	25-28-35-44*	2.0/1.5	NA	Sampled with 3 in spoon. 0-1.5 Very dense, wet, Brownish Gray (5YR 4/1) SILT, little clay, matrix supporting m-c sand, some f-m-c subrounded gravel		\	\	0.0	1510
58	30	60	60-55-35-50*	2.0/1.0	NA	Sampled with 3 in spoon. 0-1.0 SAA, increase in gravel content		\	\	0.0	1600
60	31	62	43-86-90-40*	2.0/1.1	NA	Sampled with 3 in spoon. 0-1.1 Very dense, wet, Brownish Gray (5YR 4/1), f-m-c sand, little silt matrix supporting f-m-c angular to subangular gravel. Trace large (2-3 in) subrounded gravel (cobbles).		\	\	0.0	10/4/10 930
62	32	64	64-30-41-27*	2.0/1.4	NA	Sampled with 3 in spoon. 0-1.4 SAA		\	\	0.0	940
64	33	66	41-63-60-65*	2.0/1.1	NA	Sampled with 3 in spoon. 0-1.1 SAA		\	\	0.0	1042
66	34	68	35-30-29-41*	2.0/1.3	NA	Sampled with 3 in spoon. 0-1.3 Very dense, saturated, Brownish Gray (5YR 4/1) m-c SAND, some f-m-c subangular gravel, few large (2-3 in) subrounded cobbles, trace silt		\	\	0.0	1100
68	35	70	50-42-55-40*	2.0/1.3	NA	Sampled with 3 in spoon. 0-1.3 Very dense, saturated, Brownish Gray (5YR 4/1) f-m-c SAND, some m-c angular to subangular gravel, few large (2-3 in) subrounded cobbles, trace silt		\	\	0.0	1150

Notes:

* 3" inch spoon

** A four foot macrocore sampler was used

O'BRIEN & GERE ENGINEERS, INC.						<u>SOIL BORING LOG</u>		REPORT OF BORING SB915-MW-87BR			
Client: Honeywell						Sampler: 2-3" Split Spoon		Location: SCA			
Proj. Loc: Wastedbed 13 SCA Camillus, NY						Hammer: 140-lb drop		Start Date: 9/29/2010			
File No.: 1163/46698						Fall: 30"		End Date: 10/6/2010			
Boring Company: GeoLogic, Inc.						Screen Riser		Grout Sand Pack Bentonite			
Foreman: Scott Breeds/David Lyons											
OBG Geologist: Jon Bone/Nate Vogan											
Depth Below Grade	No.	Depth (feet)	Blows /6"	Penetr/ Recovery (in ft)	"N" Value	Sample Description	Stratum Change General Descript	Field Testing			
								Equip. Installed		PID (ppm)	Time
70	36	72	60-71-70-80*	2.0/1.4	NA	Sampled with 3 in spoon. 0-1.4 SAA, no cobbles. Slight increase in silt content	Sand and Gravel	\	\		
72	37	74	55-85-70-75*	2.0/0.8	NA	Sampled with 3 in spoon. 0-0.8 Very dense, saturated, Brownish Gray (5YR 4/1), Moderate Brown (5YR 4/4) and Greenish Gray (5GY 6/1) silt, some f-m sand matrix supporting m-c angular sand, some m-c angular gravel		\	\	0.0	1340
74	38	76	NA	NA	NA	No Sample		\	\	NA	NA
76	39	78	45-45-55-80*	2.0/1.4	NA	Sampled with 3 in spoon. 0-1.4 Very dense, saturated Brownish Gray (5YR 4/1) m-c SAND, some f-m-c angular gravel, little silt, trace Greenish Gray (5GY 6/1) silt		\	\	0.0	1533
78	40	80	60-55-36-50*	2.0/1.4	NA	Sampled with 3 in spoon. 0-1.4 Very dense, saturated Brownish Gray (5YR 4/1) m-c SAND, some f-m-c subangular to subrounded gravel, little silt, few large (2-3 in) subrounded cobbles		\	\	0.0	10/5/10 904
80	41	82	55-45-35-30*	2.0/1.4	NA	Sampled with 3 in spoon. 0-1.4 SAA		\	\	0.0	952
82	42	84	25-32-22-27*	2.0/1.1	NA	Sampled with 2 in spoon. 0-1.1 SAA no cobbles		\	\	0.0	1005
84	43	86	35-60-55-50*	2.0/1.3	NA	Sampled with 3 in spoon. 0-1.3 Very dense, saturated, Brownish Gray (5YR 4/1) m-c SAND, some f-m-c gravel, trace silt		\	\	0.0	1113
86	44	88	22-30-31-25	2.0/1.3	51	0-1.3 SAA		\	\	0.0	1125
88	45	90	35-38-42-50*	2.0/1.4	NA	0-1.4 Very dense, saturated Brownish Gray (5YR 4/1) m-c sand, some f-m-c subangular to subrounded gravel, trace silt		\	\	0.0	1318
90	46	92	45-55-60-42	2.0/1.4	NA	0-1.4 SAA, slight increase in silt content, trace Greenish Gray (5GY 6/1) silt		\	\	0.0	1407
92	47	94	46-25-36-40	2.0/1.3	61	0-1.3 SAA		\	\	0.0	1420
94	48	96	40-40-70-55*	2.0/1.2	NA	0-1.2 SAA		\	\	0.0	1520
96	49	98	32-40-48-35	2.0/1.5	88	0-1.5 SAA trace Moderate Reddish Brown (10R 4/6) silt		\	\	0.0	1535
98	50	100	62-70-75-80*	2.0/1.4	NA	0-1.4 SAA		\	\	0.0	1647

Notes:
* 3" inch spoon
** A four foot macrocore sampler was used

O'BRIEN & GERE ENGINEERS, INC.						<u>SOIL BORING LOG</u>		REPORT OF BORING SB915-MW-87BR			
Client: Honeywell						Sampler: 2-3" Split Spoon		Location: SCA			
Proj. Loc: Wastebed 13 SCA Camillus, NY						Hammer: 140-lb drop		Start Date: 9/29/2010			
File No.: 1163/46698						Fall: 30"		End Date: 10/6/2010			
Boring Company: GeoLogic, Inc.						Screen Riser		Grout Sand Pack Bentonite			
Foreman: Scott Breeds/David Lyons											
OBG Geologist: Jon Bone/Nate Vogon											
Depth						Stratum Change		Field Testing			
Below Grade	No.	Depth (feet)	Blows /6"	Penetr/ Recovery (in ft)	"N" Value	Sample Description	General Descript	Equip. Installed	PID (ppm)	Time	
100	51	102	75-40-30-81*	2.0/1.4	NA	0-0.3 Large Medium Dark Gray (N4) pieces of cobbles (3 in) 0.3-1.4 Very dense, saturated Brownish Gray (5YR 4/1) f-m-c SAND, trace coarse gravel sized chunks of silt supporting m-c sand, trace coarse angular gravel	102.8'	\	\	0.0	10/6/10 845
102	52	104	30-28-40-70	2.0/1.7	68	0-0.8 Dense, saturated, Brownish Gray (5YR 4/1) f-m SAND, some silt, few m-c angular gravel, silt content increases with depth. 0.8-1.7 Hard, moist, Dark Reddish Brown (10R 3/4), silt matrix supported f-m subrounded gravel (Till)	Till	\	\	0.0	915
104	53	110	NA	NA	NA	5 in. Permanent steel casing advanced to 110 ft and grouted in place. No samples taken.		\	\	NA	1/4/2011 1235
110	54	112	62-100/0.35**	0.8/0.4	NA	Dense, wet to moist, greenish gray (5GY 6/1) silt and clay matrix supporting trace f-m subangular gravel, little pale reddish brown (10R 5/4) mottling, stiff, slightly cohesive.	112'	\	\	0.0	
114	54	116	100/0.1	0.1/0.1	>100	Medium gray to medium dark gray weathered shale, fissile, trace clay.	Shale			0.0	1425
116	55	118	NA	NA	NA	4 in Permanent steel casing grouted in place 0-116 ft. Start to bedrock core from 116-129 ft bgs, see core log for descriptions.					
118	56	120	NA	NA	NA	Shale		=			
120		122	NA	NA	NA	Shale		=			
122		124	NA	NA	NA	Shale		=			
124		126	NA	NA	NA	Shale		=			
126		128	NA	NA	NA	Shale		=			
128		129	NA	NA	NA	Shale		=			
						End of boring at 129 ft bgs					
						Well installation details:					
						Screen: 119-129					
						Riser: +2-119					
						Sand Pack (0 Sand): 117-129					
						Sand Choke (00 Sand): 114-117					
						Grout: 0-114					
Notes:											
* 3" inch spoon											
** A four foot macrocore sampler was used											

O'BRIEN & GERE ENGINEERS, INC.

333 West Washington Street
Syracuse, New York 13221

CORE LOG

Hole No.: SB915-MW-87BR

Job No.: 1163\46698

Sheet 1 of 1

Project: Wastebed 13 SCA

Formation Member	Unit	Run No.	Pen. Rate (min. per foot)	Depth Scale	Lithologic Description (include in order: ROCK TYPE, color, grain size, texture, bedding, fracture & minerals.)	Core Recovery		RQD
						Length	Percent	
		1	11:20 10:40 11:35	116 117 118 119	SHALE; medium gray (116-117.45 ft), dark greenish gray (117.45 -119.2 ft); very fine grained; thinly laminated fractures at 116.4 ft (horizontal, slight weathering), 116.8 (slightly angled 10-15°), 117.45 (horizontal, with heavy weathering), 117.55 (vertical with moderate brown (5YR 4/4) clay/mudstone deposit), 118.3 (horizontal with heavy weathering), 118.4 vertical fracture with deposit from 117.55 continues to 119.2.	3.2	100%	72%
		2	8:05 5:45 9:05 10:30 7:15	120 121 122 123 124	SHALE; dark greenish gray (5GY 4/1); very fine grained, thinly laminated; 119.2-120.65 heavily weathered, multiple horizontal fractures, some moderate brown (5YR 4/4 clay deposits); 120.65-121.55 large vertical fracture zone filled with moderate brown clay/limestone; horizontal fracture at 121.4, 121.55, 122.0; heavily weathered 122.2-123.0; horizontal fractures:123.45, 123.65, 124.0, 124.3, 123.4, 124.6-124.94 heavily weathered and fractured, 125.3, 125.4, 125.75, 125.9, 126.5, 126.86, 127.1,	8.5	87%	14%
			6:55 8:25 11:25 9:00 8:40	125 126 127 128 129	127.5-127.6; light brown oxidation in most fractures.			

O'BRIEN & GERE ENGINEERS, INC.						SOIL BORING LOG		REPORT OF BORING SB915-MW-871			
Client: Honeywell						Sampler: 2" Split Spoon		Location: SCA			
Proj. Loc: Wastebed 13 SCA Camillus, NY						Hammer: Auto		Start Date: 2/1/2011			
File No.: 1163/46698						Fall: NA		End Date: 2/3/2011			
Boring Company: Parratt-Wolff						Screen =		Grout			
Foreman: Markel Chatman						Riser		Sand Pack			
OBG Geologist: Nate Vogan								Sand Choke			
Depth Below Grade	No.	Depth (feet)	Blows /6"	Penetr/ Recovery (in ft)	"N" Value	Sample Description	Stratum Change General Descript	Equip. Installed	Field Testing		
									PID (ppm)	Time	
0	1	2	4-3-2-2	2.0/1.0	5	0-1.0 Loose, dry, Brownish Gray(5YR 4/1), F-M-C SAND, some f-m angular gravel, trace silt.	F-M-C Sand	\	\	0.0	1017
2	2	4	7-6-6-5	2.0/1.8	12	0-1.0 SAA, moist. 1.0-1.8 stiff, moist Moderate brown (5YR 4/4) SILT, trace black mottling	Silt	\	\	0.0	1020
4	3	6	4-6-7-7	2.0/1.8	13	0-1.0 SAA (1.0-1.8). 1.0-1.8 Medium dense, very moist, Moderate Brown (5YR 4/4) f SAND, trace silt.	F Sand	\	\	0.0	1030
6	4	8	8-6-5-6	2.0/1.2	11	0-1.2 SAA (1.0-1.8) no silt		\	\	NA	1035
8	5	10	3-4-3-2	2.0/2.0	7	0-2.0 Medium, wet, Moderate Brown (5YR 4/4)f SAND grading to f-m sand with depth		\	\	0.0	1040
10	6	12	2-1-2-1	2.0/2.0	3	0-2.0 Very loose, wet, Moderate Brown(5YR 4/4) med SAND	M Sand	\	\	0.0	1052
12	7	14	4-50/4	0.9/0.9	>50	0-0.5 SAA. 0.5-0.9 Very dense, dry, Medium Light Gray (N6), f-m angular GRAVEL, some m-c sand		\	\	0.0	1057
14	8	16	10-10-17-100/0.4	1.9/1.0	27	0-1.0 Very dense, dry, Medium Gray (N5) m-c angular GRAVEL, some m-c sand, angular c sand and small gravel varying in color from White (N9), Black (N1), Moderate Brown (5YR 4/4)	Sand and Gravel	\	\	0.0	1115
16	9	18	50/0.2	0.2/0.2	>50	0-2.0 SAA		\	\	0.0	1135
18	10	20	25-31-13-10*	2.0/1.1	NA	Sampled with 3 in. spoon. 0-0.6 SAA. 0.6-1.1 Dense, moist to wet, Brownish Gray (5YR 4/1), m-c SAND and m-c angular GRAVEL, few 3 in. diameter cobbles subrounded		\	\	0.0	1200
20	11	22	9-10-7-17*	2.0/1.0	NA	Sampled with 3 in. spoon. 0-1.0 Loose, moist, Brownish Gray (5YR 4/1) m-c angular GRAVEL, some m-c sand, few large 2-3 in. subrounded gravel		\	\	0.0	1302
22	12	24	23-27-35-14*	2.0/0.6	NA	Sampled with 3 in. spoon. 0-0.6 SAA		\	\	0.0	1310
24	13	26	8-5-4-6	2.0/1.0	9	0-1.0 Loose, wet, Brownish Gray (5YR 4/1) m-c angular GRAVEL, some m-c angular sand, trace 2-3 in. coarse gravel	Sand and Gravel	\	\	0.0	1635
26	14	28	7-6-4-4	2.0/0.0	10	No Recovery		\	\	NA	09/30/10 852
28	15	30	7-8-10-9	2.0/0.2	18	0-0.2 Loose, saturated, Medium Dark Gray (N4) m-c angular GRAVEL, little c sand		\	\	0.0	855
30	16	32	12-14-13-11*	2.0/0.3	NA	Sampled with 3 in. spoon. 0-0.3 Loose, saturated, Brownish Gray(5YR 4/1) m-c angular GRAVEL pieces (2-3 in.) some m-c angular sand		\	\	0.0	920

Note: No samples were collected from 0-64'. Sample descriptions are from MW-87BR.

*Three inch spoon

O'BRIEN & GERE ENGINEERS, INC.						<u>SOIL BORING LOG</u>		REPORT OF BORING SB915-MW-871			
Client: Honeywell						Sampler: 2" Split Spoon		Location: SCA			
Proj. Loc: Wastebed 13 SCA Camillus, NY						Hammer: Auto		Start Date: 2/1/2011			
File No.: 1163/46698						Fall: NA		End Date: 2/3/2011			
Boring Company: Parratt-Wolff						Screen =		Grout			
Foreman: Markel Chatman						Riser		Sand Pack			
OBG Geologist: Nate Vogan								Sand Choke			
Depth Below Grade	No.	Depth (feet)	Blows /6"	Penetr/ Recovery (in ft)	"N" Value	Sample Description	Stratum Change General Descript	Equip. Installed	Field Testing		
									PID (ppm)	Time	
32	17	34	4-6-5-6*	2.0/1.5	NA	Sampled with 3 in. spoon. 0-0.9 Medium dense, saturated, Brownish Gray (5YR 4/1) f-m angular GRAVEL, some m-c sand, few coarse (2-3 in) angular to sub-angular gravel, 0.9-1.5 Loose, saturated, Brownish Gray (5YR 4/1) coarse subrounded to subangular gravel, little c-sand		\	\	0.0	923
34	18	36	8-8-7-8*	2.0/0.4	NA	Sampled with 3 in spoon. 0-0.4 Loose, saturated, Brownish Gray (5YR 4/1) m-c SAND, some f-m subrounded gravel, little silt, trace c-gravel	Sand and Gravel	\	\	0.0	1000
36	19	38	5-7-7-5	2.0/1.5	14	0-1.5 Medium dense, saturated, Brownish Gray (5YR 4/1), f-m-c subrounded to rounded GRAVEL, some m-c sand, trace silt		\	\	0.0	1005
38	20	40	10-14-12-16*	2.0/1.5	NA	Sampled with 3 in spoon. 0-1.5 Medium dense, saturated, Brownish Gray (5YR 4/1), m-c SAND, some m-c rounded to subrounded gravel, some silt supporting sand and gravel, trace coarse 2-3 in rounded gravel		\	\	0.0	10/1/10 1010
40	21	42	14-18-23-35*	2.0/1.4	NA	Sampled with 3 in spoon. 0-0.5 Dense, saturated, Brownish Gray (5YR 4/1), m-c SAND, little f sand, some f-m rounded gravel. 0-5-1.4 dense, saturated, Brownish Gray (5YR 4/1) m-c SAND, some f-m angular gravel, supported by silt, trace clay. Some m-c angular to subangular gravel @ bottom, well graded	Sand	\	\	0.0	1054
42	22	44	30-23-18-14*	2.0/1.5	NA	Sampled with 3 in spoon. 0-1.5 Dense, saturated, Brownish Gray (5YR4/1),m-c angular SAND, some silt supporting sand, few f-m angular gravel, trace coarse subrounded gravel, well graded		\	\	0.0	1105
44	23	46	12-14-18-18*	2.0/1.0	NA	Sampled with 3 in spoon. 0-1.0 Dense, saturated, Brownish Gray (5YR 4/1), m-c subrounded SAND, few f-m rounded to subrounded gravel, trace c-subrounded gravel, well graded		\	\	0.0	1140
46	24	48	14-18-32-10*	2.0/0.9	NA	Sampled with 3 in spoon. 0-0.7 SAA trace coarse (2-3 in) subrounded gravel. 0-7-0.9 stiff, saturated, Brownish Gray (5YR 4/1) SILT, some clay matrix supporting, little m-c angular to subangular sand, few m-c angular gravel, silt and clay matrix, moderately cohesive	Sand and Gravel	\	\	0.0	1150

Note: No samples were collected from 0-64'. Sample descriptions are from MW-87BR.

*Three inch spoon

O'BRIEN & GERE ENGINEERS, INC.						<u>SOIL BORING LOG</u>		REPORT OF BORING SB915-MW-871			
Client: Honeywell						Sampler: 2" Split Spoon		Location: SCA			
Proj. Loc: Wastedbed 13 SCA Camillus, NY						Hammer: Auto		Start Date: 2/1/2011			
File No.: 1163/46698						Fall: NA		End Date: 2/3/2011			
Boring Company: Parratt-Wolff						Screen =		Grout			
Foreman: Markel Chatman						Riser		Sand Pack			
OBG Geologist: Nate Vogan								Sand Choke			
Depth Below Grade	No.	Depth (feet)	Blows /6"	Penetr/ Recovery (in ft)	"N" Value	Sample Description	Stratum Change General Descript	Equip. Installed	Field Testing		
									PID (ppm)	Time	
48	25	50	40-40-40-61*	2.0/1.4	NA	Sampled with 3 in spoon. 0-1.4 Very dense, wet, Brownish Gray (5YR 4/1) SILT, with little clay matrix supporting some m-c subangular sand, some f-m-c subangular gravel, few coarse (2-3 in) angular to subangular gravel	Sand and Gravel	\	\	0.0	1340
50	26	52	55-64-70-70*	2.0/1.4	NA	Sampled with 3 in spoon, 0-1.4 Very dense, saturated, Brownish Gray (5YR 4/1) m-c subrounded SAND, some f-m-c subrounded gravel, trace coarse (2-3 in) pieces of angular gravel, trace silt, not matrix supported		\	\	0.0	1355
52	27	54	23-25-41-40*	2.0/1.3	NA	Sampled with 3 in spoon. 0-0.6 SAA (0.6-1.3) Very dense, wet, Brownish Gray (5YR 4/1) SILT, trace clay, matrix supporting, m-c angular sand, some m-c subangular gravel, trace coarse (2-3 in) angular gravel pieces		\	\	0.0	1401
54	28	56	32-27-28-26*	2.0/1.1	NA	Sampled with 3 in spoon. SAA (0.6-1.3) increase in large angular gravel pieces, most likely from large cobble layer, slightly less matrix supported.		\	\	0.0	1450
56	29	58	25-28-35-44*	2.0/1.5	NA	Sampled with 3 in spoon. 0-1.5 Very dense, wet, Brownish Gray (5YR 4/1) SILT, little clay, matrix supporting m-c sand, some f-m-c subrounded gravel		\	\	0.0	1510
58	30	60	60-55-35-50*	2.0/1.0	NA	Sampled with 3 in spoon. 0-1.0 SAA, increase in gravel content		\	\	0.0	1600
60	31	62	43-86-90-40*	2.0/1.1	NA	Sampled with 3 in spoon. 0-1.1 Very dense, wet, Brownish Gray (5YR 4/1), f-m-c sand, little silt matrix supporting f-m-c angular to subangular gravel. Trace large (2-3 in) subrounded gravel (cobbles).		\	\	0.0	10/4/10 930
62	32	64	64-30-41-27*	2.0/1.4	NA	Sampled with 3 in spoon. 0-1.4 SAA		\	\	0.0	940
64	33	66	NA	2.0/1.2	NA	Very dense, wet, Brownish Gray (5YR4/1), f/m/c SAND, little silt matrix (supporting), little crushed cobbles		=	=	0.0	1042
66	34	68	NA	2.0/1.1	NA	SAA. Little to trace subrounded to subangular cobbles, trace silt		=	=	0.0	2/3/11
68	35	70	NA	2.0/1.4	NA	Brownish Gray (5YR4/1), wet, dense, f/m/c subangular to subrounded GRAVEL, little silt (increasing with depth), trace crushed cobbles		=	=	0.0	NA

O'BRIEN & GERE ENGINEERS, INC.						SOIL BORING LOG		REPORT OF BORING SB915-MW-871			
Client: Honeywell						Sampler: 2" Split Spoon			Location: SCA		
Proj. Loc: Wastebed 13 SCA Camillus, NY						Hammer: Auto			Start Date: 2/1/2011		
File No.: 1163/46698						Fall: NA			End Date: 2/3/2011		
Boring Company: Parratt-Wolff						Screen =			Grout		
Foreman: Markel Chatman						Riser			Sand Pack		
OBG Geologist: Nate Vogan									Sand Choke		
Depth						Stratum Change			Field Testing		
Below Grade	No.	Depth (feet)	Blows /6"	Penetr/ Recovery (in ft)	"N" Value	Sample Description	General Descript	Equip. Installed	PID (ppm)	Time	
70	36	72	NA	2.0/1.8	NA	Dense, wet, brownish gray (5YR 4/1), f-m-c SAND, some subangular to subrounded gravel, little silt (increasing with depth), trace crushed cobble.	Sand & Gravel	=	0.0	NA	
72	38	74	NA	2.0/2.0	NA	Dense, wet, brownish gray (5YR 4/1), f-m-c SAND, some subangular to subrounded gravel, little silt (increasing with depth), trace crushed cobble.		=	0.0	NA	
						End of Boring at 74 ft bgs					
						Well Installation details:					
						Screen (20 slot): 64-74					
						Riser: +2-64					
						Sand pack (1 Sand): 62-74					
						Sand choke (00 Sand): 59-62					
						Grout: 0-59					

Notes:
 * Three inch spoon
 Where the blow count are NA and the N value is NA an auto hammer was used.

O'BRIEN & GERE ENGINEERS, INC.						SOIL BORING LOG		REPORT OF BORING SB915-MW-87S			
Client: Honeywell						Sampler: 2" Split Spoon		Location: Wastebed 13			
Proj. Loc: Settling Basins 9-15 Camillus, NY						Hammer: 140-lb drop		Start Date: 7/6/2011			
File No.: 1163/46698						Fall: 30"		End Date: 7/6/2011			
Boring Company: Parratt-Wolff						Screen Riser		Grout Sand Pack Sand Choke			
Foreman: Layne Pech											
OBG Geologist: J. Bone											
Depth Below Grade	No.	Depth (feet)	Blows /6"	Penetr/ Recovery (in ft)	"N" Value	Sample Description	Stratum Change General Descript	Equip. Installed	Field Testing		
									PID (ppm)	Time	
0	1	2	4-3-2-2	2.0/1.0	5	0-1.0 Loose, dry, Brownish Gray(5YR 4/1), F-M-C SAND, some f-m angular gravel, trace silt.	F-M-C Sand	\	\	0.0	1017
2	2	4	7-6-6-5	2.0/1.8	12	0-1.0 SAA, moist. 1.0-1.8 stiff, moist Moderate brown (5YR 4/4) SILT, trace black mottling	Silt	\	\	0.0	1020
4	3	6	4-6-7-7	2.0/1.8	13	0-1.0 SAA (1.0-1.8). 1.0-1.8 Medium dense, very moist, Moderate Brown (5YR 4/4) f SAND, trace silt.	F Sand	\	\	0.0	1030
6	4	8	8-6-5-6	2.0/1.2	11	0-1.2 SAA (1.0-1.8) no silt		\	\	NA	1035
8	5	10	3-4-3-2	2.0/2.0	7	0-2.0 Medium, wet, Moderate Brown (5YR 4/4)f SAND grading to f-m sand with depth		\	\	0.0	1040
10	6	12	2-1-2-1	2.0/2.0	3	0-2.0 Very loose, wet, Moderate Brown(5YR 4/4) med SAND	M Sand	\	\	0.0	1052
12	7	14	4-50/4	0.9/0.9	>50	0-0.5 SAA. 0.5-0.9 Very dense, dry, Medium Light Gray (N6), f-m angular GRAVEL, some m-c sand		\	\	0.0	1057
14	8	16	10-10-17-100/0.4	1.9/1.0	27	0-1.0 Very dense, dry, Medium Gray (N5) m-c angular GRAVEL, some m-c sand, angular c sand and small gravel varying in color from White (N9), Black (N1), Moderate Brown (5YR 4/4)	Sand and Gravel	\	\	0.0	1115
16	9	18	50/0.2	0.2/0.2	>50	0-2.0 SAA		\	\	0.0	1135
18	10	20	25-31-13-10*	2.0/1.1	NA	Three inch spoon. 0-0.6 SAA. 0.6-1.1 Dense, moist to wet, Brownish Gray (5YR 4/1), m-c SAND and m-c angular GRAVEL, few 3 in. diameter cobbles subrounded		\	\	0.0	1200
20	11	22	9-10-7-17*	2.0/1.0	NA	Three inch spoon. 0-1.0 Loose, moist, Brownish Gray (5YR 4/1) m-c angular GRAVEL, some m-c sand, few large 2-3 in. subrounded gravel				0.0	1302
22	12	24	23-27-35-14*	2.0/0.6	NA	Three inch spoon. 0-0.6 SAA				0.0	1310
24	1	26	16-14-4-4	2.0/0.3	18	0-0.3 Loose, dry, medium light large angular gravel pieces	Sand and Gravel	=		3.1	7/6/11 1408
26	2	28	5-6-4-3	2.0/0.3	10	0-0.3 Loose/soft, saturated, dark yellowish brown m-c sand, some silt, few small-med subrounded gravel	sand, gravel and silt	=		0.1	1410
28	3	30	4-5-6-5	2.0/0.3	11	0-0.3 Same as above, loose increase in gravel content		=		0.1	1430
30	4	32	3-1-2-3	2.0/0.3	3	0-0.3 Same as above, very loose		=		0.0	1441
32	5	34	4-4-5-4	2.0/0.3	9	0-0.3 Same as above		=		0.0	1500
34	6	36	7-3-2-4	2.0/0.8	5	0-0.8 same as above		=		0.0	1520
End of Boring 35'											
Well Construction (bgs)											
Screen: 25-35 ft (10 slot): Riser: +2.5-25 ft											
#0 Sand: 23-35 ft: #00 Sand: 21-23 ft											
Grout: 0-21 ft											

Note: Geologic Description from 0 to 24' bgs is from SB915-MW-87BR

* 3" inch spoon

O'BRIEN & GERE ENGINEERS, INC.						SOIL BORING LOG		REPORT OF BORING SB915-MW-88BR			
Client: Honeywell						Sampler: 2-3" Split Spoon		Location: SCA			
Proj. Loc: Wastedbed 13 SCA Camillus, NY						Hammer: 140-lb drop		Start Date: 10/11/2010			
File No.: 1163/46698						Fall: 30"		End Date: 1/11/2011			
Boring Company: GeoLogic, Inc.						Screen Riser		Grout Sand Pack Sand Choke			
Foreman: Scott Breeds											
OBG Geologist: Jon Bone/Nate Vogan											
Depth Below Grade	No.	Depth (feet)	Blows /6"	Penetr/ Recovery (in ft)	"N" Value	Sample Description	Stratum Change General Descript	Field Testing			
								Equip. Installed	PID (ppm)	Time	
0	1	2	5-12-10-10	2.0/1.8	24	0-1.0 Soft, dry, med. gray (N5) and brownish gray (5YR 4/1) SILT, few m-c sand, little f-m angular gravel. 1.0-1.8 Stiff, dry, light brown (5YR 5/6) SILT	Fill	\	\	0.0	1345
2	2	4	12-10-10-9	2.0/2.0	20	0-2.0 Stiff, moist, light brown (5YR 5/6) SILT and f. sand.	Sand and Silt	\	\	0.0	1348
4	3	6	5-7-7-30	2.0/2.0	14	0-1.8 Stiff, wet, light brown (5YR 5/6) SILT, little clay. 1.8-2.0 Dense, dry, brownish gray (5YR 4/1) and greenish gray (5GY 6/1) SILT and f. sand matrix supporting m-c gravel.		\	\	0.0	1410
6	4	8	32-18-19-19	2.0/1.0	37	0-1.0 SAA (1.8-2.0) Little m-c SAND, f-m-c angular gravel, few light greenish gray (5GY 8/1) and moderate brown (5YR 4/4) m-c sand sized chunks of rock.	8'	\	\	0.0	1415
8	5	10	12-7-5-5	2.0/0.8	12	0-0.8 Loose, saturated, brownish gray (5YR 4/1) m-c SAND, some f-m-c angular gravel, little silt.	Sand and Gravel	\	\	0.0	1418
10	6	12	3-4-3-4	2.0/0.3	7	0-0.3 SAA		\	\	0.0	1442
12	7	14	4-5-4-5	2.0/0.1	9	0-0.1 SAA		\	\	0.0	1445
14	8	16	10-5-8-12*	2.0/1.7	NA	Three inch spoon. 0-1.7 Med. dense, saturated, brownish gray (5YR 4/1) m-c SAND, some f-m-c subrounded gravel, little silt, few 2-3 in cobbles.		\	\	0.0	1503
16	9	18	12-10-11-7*	2.0/1.5	NA	Three inch spoon. 0-1.5 SAA		\	\	0.0	1508
18	10	20	9-9-8-7*	2.0/1.5	NA	Three inch spoon. 0-1.5 SAA		\	\	0.0	1533
20	11	22	7-9-10-13*	2.0/1.8	NA	Three inch spoon. 0-1.8 SAA		\	\	0.0	1550
22	12	24	14-18-18-19*	2.0/2.0	NA	Three inch spoon. 0-1.5 Dense, saturated, brownish gray (5YR 4/1) f-m-c subrounded GRAVEL, little m-c sand. 1.5-2.0 Dense, dry-moist, brownish gray (5YR 4/1), greenish gray (5GY 6/1) and moderate brown (5YR 3/4) m-c SAND, little silt, some f-m angular gravel.		\	\	0.0	1558
24	13	26	10-12-8-7*	2.0/1.5	NA	Three inch spoon. 0-1.5 Med. dense, wet, brownish gray (5YR 4/1) m-c SAND, some f-m-c subrounded gravel, little silt.		\	\	0.0	1618
26	14	28	8-9-36-32*	2.0/0.8	NA	Three inch spoon. 0-0.8 Large 2-3 in. cobbles, trace m-c gravel and sand.		\	\	0.0	1625
28	15	30	45-25-20-20*	2.0/2.0	NA	Three inch spoon. 0-2.0 Dense, saturated, brownish gray (5YR 4/1) m-c SAND, some f-m-c subrounded gravel, trace f sand and silt.	Sand and Gravel with Cobbles	\	\	0.0	10/12/10 800

*Three inch spoon

O'BRIEN & GERE ENGINEERS, INC.						SOIL BORING LOG		REPORT OF BORING SB915-MW-88BR			
Client: Honeywell						Sampler: 2-3" Split Spoon		Location: SCA			
Proj. Loc: Wastebed 13 SCA Camillus, NY						Hammer: 140-lb drop		Start Date: 10/11/2010		End Date: 1/11/2011	
File No.: 1163/46698						Fall: 30"		Screen =		Grout	
Boring Company: GeoLogic, Inc.								Riser		Sand Pack	
Foreman: Scott Breeds										Sand Choke	
OBG Geologist: Jon Bone/Nate Vogan											
Depth Below Grade	No.	Depth (feet)	Blows /6"	Penetr/ Recovery (in ft)	"N" Value	Sample Description	Stratum Change	General Descript	Equip. Installed	Field Testing	
										PID (ppm)	Time
30	16	32	40-27-32-25*	2.0/1.5	NA	Three inch spoon. 0-1.5 SAA, few 2-3 in. rounded cobbles, no f sand.		\	\	0.0	820
32	17	34	12-20-21-20*	2.0/1.5	NA	Three inch spoon. 0-1.5 SAA	Sand and Gravel with Cobbles	\	\	0.0	825
34	18	36	24-18-15-15*	2.0/1.0	NA	Three inch spoon. 0-1.0 SAA		\	\	0.0	850
36	19	38	15-14-12-12*	2.0/1.5	NA	Three inch spoon. 0-1.0 SAA		\	\	0.0	853
38	20	40	9-8-10-15*	2.0/1.3	NA	Three inch spoon. 0-1.3 Med. dense, saturated med gray (N5) large rounded cobbles, some m-c rounded gravel, m-c sand.		\	\	0.0	920
40	21	42	12-28-18-20*	2.0/1.2	NA	Three inch spoon. 0-1.2 SAA, less cobbles, more m-c GRAVEL and m-c sand.		\	\	0.0	950
42	22	44	28-40-58-50*	2.0/2.0	NA	Three inch spoon. 0-2.0 Very dense, saturated, med dark gray (N4) f-m-c SAND, some f-m-c rounded gravel, little silt, trace 2-3 in rounded cobbles		\	\	0.0	955
44	23	46	67-54-45-38*	2.0/2.0	NA	Three inch spoon. 0-2.0 SAA		\	\	0.0	1022
46	24	48	42-48-50-52*	2.0/1.5	NA	Three inch spoon. 0-1.5 SAA		\	\	0.0	1026
48	25	50	35-25-35-100/0.2*	1.7/1.0	NA	Three inch spoon. 0-1.0 SAA, large piece of cobble in nose of spoon		\	\	0.0	1125
50	26	52	42-20-18-53*	2.0/1.5	NA	Three inch spoon. 0-1.5 SAA, no f sand		\	\	0.0	1312
52	27	54	100/0.3*	0.3/0.3	NA	Three inch spoon. 0-0.3 SAA, little silt and f sand		\	\	0.0	1315
54	28	56	50-43-23-17*	2.0/1.5	NA	Three inch spoon. 0-1.5 SAA, large piece of yellowish gray (5Y 8/1) mudstone rock in end		\	\	0.0	1350
56	29	58	52-100/0.3*	2.0/1.3	NA	Three inch spoon. 0-1.3 SAA, few large (2-3 in) rounded cobbles.		\	\	0.0	1358
58	30	60	50-75-80-100*	2.0/2.0	NA	Three inch spoon. 0-2.0 Very dense, wet, brownish gray (5YR 4/1) f-m SAND.	F-M Sand	\	\	0.0	1443
60	31	62	17-34-35-37	2.0/1.5	69	0-1.5 SAA		\	\	0.0	1505
62	32	64	35-60-70-74	2.0/1.3	130	0-1.3 SAA		\	\	0.0	1510
64	33	66	20-30-30-30	2.0/2.0	60	0-2.0 SAA		\	\	0.0	1545
66	34	68	24-27-27-32	2.0/2.0	34	0-2.0 SAA, trace Silt		\	\	0.0	1553

* Three inch spoon

O'BRIEN & GERE ENGINEERS, INC.						SOIL BORING LOG		REPORT OF BORING SB915-MW-88BR			
Client: Honeywell						Sampler: 2-3" Split Spoon		Location: SCA			
Proj. Loc: Wastebed 13 SCA Camillus, NY						Hammer: 140-lb drop		Start Date: 10/11/2010		End Date: 1/11/2011	
File No.: 1163/46698						Fall: 30"		Screen Riser		Grout Sand Pack Sand Choke	
Boring Company: GeoLogic, Inc.											
Foreman: Scott Breeds											
OBG Geologist: Jon Bone/Nate Vogan											
Depth Below Grade	No.	Depth (feet)	Blows /6"	Penetr/ Recovery (in ft)	"N" Value	Sample Description	Stratum Change General Descript	Field Testing			
								Equip. Installed	PID (ppm)	Time	
68	35	70	12-12-35-60	2.0/1.5	47	0-1.5 Hard, saturated, brownish gray (5YR 4/1) f-m SAND, little greenish gray (5GY 6/1) and moderate brown (5YR 4/4) silt throughout.	Sand and Silt				
70	36	72	55-60-80-72	2.0/1.5	140	0-1.5 Very dense, saturated, brownish gray (5YR 4/1), greenish gray (5GY 6/1) and moderate brown (5YR 4/4) SILT matrix supporting f-m-c sand, some m-c angular gravel. Band (0.2 ft) dark reddish brown (10R 3/4) silt, little f. sand, large gravel piece @ end of sample.	Matrix Supported Sand and Gravel	\	\	0.0	818
72	37	74	35-42-55-37	5.0/1.5	97	0-1.5 SAA, no reddish brown silt, slightly less silt matrix, increase in f-m angular gravel.	70' Till	\	\	0.0	825
74	38	76	35-40-45-55	2.0/1.5	85	0-1.5 Hard, moist, brownish gray (5YR 4/1) to moderate brown (5YR 4/4) SILT matrix supporting f-m angular gravel, few m-c sand		\	\	0.0	924
76	39	78	45-60-57-80	2.0/1.5	117	0-1.5 SAA		\	\	0.0	935
78	40	80	18-19-40-43	2.0/2.0	59	0-2.0 SAA, 0-0.5 increase in f-m-c angular gravel and m-c sand		\	\	0.0	1025
80	41	82	55-63-80-100/0.4	1.9/1.0	143	0-2.0 Very hard, moist, dark reddish brown (10R 3/4) SILT matrix supporting m-c sand and f-m angular gravel		\	\	0.0	1040
82	43	84	58-62-100/0.25	1.25/0.6	>162	0-0.6 SAA		\	\	0.0	1/6/11 1536
84	44	86	100/0.25	0.25/0.25	>100	0-0.2 SAA. 0.2-0.25 Dark greenish gray (5GY 4/1) Shale fragment.		\	\	0.0	1/7/11 0901
86	45	88	51-75-100/03	1.3/1.3	>175	0-1.2 Hard, moist, dark reddish brown (10R 3/4) silt, little clay matrix supporting m-c sand, some f-m angular greenish gray (5GY 6/1) gravel, trace coarse gravel. 1.2-1.3 Dark greenish gray (5GY 4/1) rock fragment.		\	\	0.0	1000
88	46	90	96-90-100/0.25	1.25/1.25	>190	0-1.0 SAA (0-1.2). 1.0-1.25 Hard, moist, greenish gray (5G 6/1) silt with trace clay matrix supporting m-c sand sized angular piece of greenish gray (5G 6/1) rock fragments, possibly weathered bedrock.		\	\	0.0	1100
90	47	82	100/0.4	0.4/0.4	>100	0-0.4 SAA, slightly moist to dry.	93' Bedrock	\	\	0.0	1200
92	48	94	91-100/0.75	0.75/0.75	>191	0-0.75 Hard, moist, dark reddish brown (10R 3/4) silt, little clay matrix supporting m-c sand, some f-m gravel, trace coarse subrounded gravel.		\	\	0.0	1300
94	49	96	100/0.1	0.1/0.1	>100	0-0.1 Dark gray (N3) rock fragments, shale.					

O'BRIEN & GERE ENGINEERS, INC.						<u>SOIL BORING LOG</u>		REPORT OF BORING SB915-MW-88BR			
Client: Honeywell						Sampler: 2-3" Split Spoon		Location: SCA			
Proj. Loc: Wastebed 13 SCA Camillus, NY						Hammer: 140-lb drop		Start Date: 10/11/2010		End Date: 1/11/2011	
File No.: 1163/46698						Fall: 30"		Screen =		Grout	
Boring Company: GeoLogic, Inc.								Riser		Sand Pack	
Foreman: Scott Breeds										Sand Choke	
OBG Geologist: Jon Bone/Nate Vogan											
Depth						Stratum Change		Field Testing			
Below Grade	No.	Depth (feet)	Blows /6"	Penetr/ Recovery (in ft)	"N" Value	Sample Description	General Descript	Equip. Installed	PID (ppm)	Time	
NA	NA	NA	NA	NA	NA	Drilled to 97 ft bgs, 4 in steel casing set at 95 due to swelling in borehole (2 ft into bedrock). Start bedrock coring, see core log for descriptions.			NA	NA	
96	50	98	NA	NA	NA	Shale	Bedrock		NA	NA	
98	51	100	NA	NA	NA	Shale			NA	NA	
100	52	102	NA	NA	NA	Shale		=	NA	NA	
102	53	104	NA	NA	NA	Shale		=	NA	NA	
104	54	106	NA	NA	NA	Shale		=	NA	NA	
106	55	108	NA	NA	NA	Shale		=	NA	NA	
108	56	110	NA	NA	NA	Shale		=	NA	NA	
						End of boring at 110 ft bgs					
						Well Installation details:					
						Screen: 100-110 ft bgs					
						Riser: +2-100					
						Sand Pack (0 sand): 98-110					
						Sand Choke (00 Sand): 95-98					
						Grout: 0-95					

Formation Member Unit	Run No. Depth	Pen. Rate (min. per foot)	Depth Scale	Lithologic Description (include in order: ROCK TYPE, color, grain size, texture, bedding, fracture & minerals.)	Core Recovery		RQD
					Length	Percent	
	1 91 - 97.7	9:56 6.3 10:36	91 97 98	91-97 Grout. 97-97.7 SHALE; dark gray (N3), very fine grained, thinly laminated, one horizontal mechanical fracture at 97.3, no natural fractures.	5.7	85%	71%
	2 97.7 - 102.7	11:20 9 12:05	103 102 103	SHALE; dark gray (N3) becoming grayish blue green (5BG 3/2); thinly laminated; horizontal weathered fractures at 97.9, 101.2, 102.6, 102.7; mechanical fractures at 99.7, 100.8, 101.4, 102; healed (gypsum/calcite?) at 99.2, 100.2; calcite/gypsum filled vugs at 99.3, 100.1, 100.3, 102.1; some clay at 97.9.	4.8	96%	78%
	3 102.7 - 110	15:30 9.6 16:40	110 105 110	SHALE; grayish blue green (5BG 3/2), massive to thinly laminated; mechanical fractures at 102.4, 103.9, 105, 106.6, 106.9, 107, 107.8, 108.9, 109.9; natural fractures at 103.4 (clay), 105.5, 105.9-106.2; low angle fracture at 109.3; healed calcite/gypsum fractures at 105.5-105.7, 107.1; vertical healed fracture at 104.2-104.8; reprecipitated vugs at 104, 105, 105.3, 106, 106.1, 108.4-108.6, 109.4.	7.3	100%	79%
				End of boring at 110 ft bgs. Lost 10 Gallons of water total.			

O'BRIEN & GERE ENGINEERS, INC.						SOIL BORING LOG		REPORT OF BORING SB915-MW-88D			
Client: Honeywell						Sampler: 2" Split Spoon		Location: SCA			
Proj. Loc: Wastedbed 13 SCA Camillus, NY						Hammer: 140-lb drop		Start Date: 2/16/2011			
File No.: 1163/46698						Fall: 30"		End Date: 2/16/2011			
Boring Company: Parratt-Wolff						Screen		Grout			
Foreman: Joe Percy						Riser		Sand Pack			
OBG Geologist: Nate Vogan								Sand Choke			
Depth Below Grade	No.	Depth (feet)	Blows /6"	Penetr/ Recovery (in ft)	"N" Value	Sample Description	Stratum Change	General Descript	Equip. Installed	Field Testing	
										PID (ppm)	Time
0	1	2	5-12-10-10	2.0/1.8	24	0-1.0 Soft, dry, med. gray (N5) and brownish gray (5YR 4/1) SILT, few m-c sand, little f-m angular gravel. 1.0-1.8 Stiff, dry, light brown (5YR 5/6) SILT	Fill	\	\	0.0	1345
2	2	4	12-10-10-9	2.0/2.0	20	0-2.0 Stiff, moist, light brown (5YR 5/6) SILT and f. sand.	Sand and Silt	\	\	0.0	1348
4	3	6	5-7-7-30	2.0/2.0	14	0-1.8 Stiff, wet, light brown (5YR 5/6) SILT, little clay. 1.8-2.0 Dense, dry, brownish gray (5YR 4/1) and greenish gray (5GY 6/1) SILT and f. sand matrix supporting m-c gravel.		\	\	0.0	1410
6	4	8	32-18-19-19	2.0/1.0	37	0-1.0 SAA (1.8-2.0) Little m-c SAND, f-m-c angular gravel, few light greenish gray (5GY 8/1) and moderate brown (5YR 4/4) m-c sand sized chunks of rock.	8'	\	\	0.0	1415
8	5	10	12-7-5-5	2.0/0.8	12	0-0.8 Loose, saturated, brownish gray (5YR 4/1) m-c SAND, some f-m-c angular gravel, little silt.	Sand and Gravel	\	\	0.0	1418
10	6	12	3-4-3-4	2.0/0.3	7	0-0.3 SAA		\	\	0.0	1442
12	7	14	4-5-4-5	2.0/0.1	9	0-0.1 SAA		\	\	0.0	1445
14	8	16	10-5-8-12*	2.0/1.7	NA	Three inch spoon. 0-1.7 Med. dense, saturated, brownish gray (5YR 4/1) m-c SAND, some f-m-c subrounded gravel, little silt, few 2-3 in cobbles.		\	\	0.0	1503
16	9	18	12-10-11-7*	2.0/1.5	NA	Three inch spoon. 0-1.5 SAA		\	\	0.0	1508
18	10	20	9-9-8-7*	2.0/1.5	NA	Three inch spoon. 0-1.5 SAA		\	\	0.0	1533
20	11	22	7-9-10-13*	2.0/1.8	NA	Three inch spoon. 0-1.8 SAA		\	\	0.0	1550
22	12	24	14-18-18-19*	2.0/2.0	NA	Three inch spoon. 0-1.5 Dense, saturated, brownish gray (5YR 4/1) f-m-c subrounded GRAVEL, little m-c sand. 1.5-2.0 Dense, dry-moist, brownish gray (5YR 4/1), greenish gray (5GY 6/1) and moderate brown (5YR 3/4) m-c SAND, little silt, some f-m angular gravel.		\	\	0.0	1558
24	13	26	10-12-8-7*	2.0/1.5	NA	Three inch spoon. 0-1.5 Med. dense, wet, brownish gray (5YR 4/1) m-c SAND, some f-m-c subrounded gravel, little silt.		\	\	0.0	1618
26	14	28	8-9-36-32*	2.0/0.8	NA	Three inch spoon. 0-0.8 Large 2-3 in. cobbles, trace m-c gravel and sand.		\	\	0.0	1625
28	15	30	45-25-20-20*	2.0/2.0	NA	Three inch spoon. 0-2.0 Dense, saturated, brownish gray (5YR 4/1) m-c SAND, some f-m-c subrounded gravel, trace f sand and silt.	Sand and Gravel with Cobbles	\	\	0.0	10/12/10 800

*Three inch spoon. No samples taken 0-59 ft bgs. Descriptions taken from SB915-MW-88BR.

O'BRIEN & GERE ENGINEERS, INC.						SOIL BORING LOG		REPORT OF BORING SB915-MW-88D			
Client: Honeywell						Sampler: 2" Split Spoon		Location: SCA			
Proj. Loc: Wastedbed 13 SCA Camillus, NY						Hammer: 140-lb drop		Start Date: 2/16/2011			
File No.: 1163/46698						Fall: 30"		End Date: 2/16/2011			
Boring Company: Parratt-Wolff						Screen		Grout			
Foreman: Joe Percy						Riser		Sand Pack			
OBG Geologist: Nate Vogan								Sand Choke			
Depth Below Grade	No.	Depth (feet)	Blows /6"	Penetr/ Recovery (in ft)	"N" Value	Sample Description	Stratum Change	General Descript	Equip. Installed	Field Testing	
										PID (ppm)	Time
30	16	32	40-27-32-25*	2.0/1.5	NA	Three inch spoon. 0-1.5 SAA, few 2-3 in. rounded cobbles, no f sand.	Gravel with Cobbles	\	\	0.0	820
32	17	34	12-20-21-20*	2.0/1.5	NA	Three inch spoon. 0-1.5 SAA		\	\	0.0	825
34	18	36	24-18-15-15*	2.0/1.0	NA	Three inch spoon. 0-1.0 SAA		\	\	0.0	850
36	19	38	15-14-12-12*	2.0/1.5	NA	Three inch spoon. 0-1.0 SAA		\	\	0.0	853
38	20	40	9-8-10-15*	2.0/1.3	NA	Three inch spoon. 0-1.3 Med. dense, saturated med gray (N5) large rounded cobbles, some m-c rounded gravel, m-c sand.	Sand and Gravel	\	\	0.0	920
40	21	42	12-28-18-20*	2.0/1.2	NA	Three inch spoon. 0-1.2 SAA, less cobbles, more m-c GRAVEL and m-c sand.		\	\	0.0	950
42	22	44	28-40-58-50*	2.0/2.0	NA	Three inch spoon. 0-2.0 Very dense, saturated, med dark gray (N4) f-m-c SAND, some f-m-c rounded gravel, little silt, trace 2-3 in rounded cobbles		\	\	0.0	955
44	23	46	67-54-45-38*	2.0/2.0	NA	Three inch spoon. 0-2.0 SAA		\	\	0.0	1022
46	24	48	42-48-50-52*	2.0/1.5	NA	Three inch spoon. 0-1.5 SAA		\	\	0.0	1026
48	25	50	35-25-35-100/0.2*	1.7/1.0	NA	Three inch spoon. 0-1.0 SAA, large piece of cobble in nose of spoon		\	\	0.0	1125
50	26	52	42-20-18-53*	2.0/1.5	NA	Three inch spoon. 0-1.5 SAA, no f sand		\	\	0.0	1312
52	27	54	100/0.3*	0.3/0.3	NA	Three inch spoon. 0-0.3 SAA, little silt and f sand		\	\	0.0	1315
54	28	56	50-43-23-17*	2.0/1.5	NA	Three inch spoon. 0-1.5 SAA, large piece of yellowish gray (5Y 8/1) mudstone rock in end				0.0	1350
56	29	58	52-100/0.3*	2.0/1.3	NA	Three inch spoon. 0-1.3 SAA, few large (2-3 in) rounded cobbles.				0.0	1358
59	30	61	75-45-45-48	2.0/1.3	90	Moderate Brown(5YR4/4), wet, dense, m/f SAND		=		0.0	2/16/2011
61	31	63	56-77-78-89	2.0/1.0	>100	SAA. Trace coarse rounded gravel		=		0.0	2/16/2011
63	32	65	32-42-48-50	2.0/2.0	90	Moderate Brown(5YR4/4) to Grayish Red(5R4/2)wet, dense, f/m/c SAND, little rounded m/c gravel, trace silt		=		0.0	2/16/2011
65	33	67	100/.03	0.3/0.2	>100	Moderate Brown(5YR4/4) to Grayish Red(5R4/2)wet, very dense, f/m SAND, little to some f/m/c gravel (matrix supported, trace silt		=		0.0	2/16/2011

*Three inch spoon. No samples taken 0-59 ft bgs. Descriptions taken from SB915-MW-88BR.

O'BRIEN & GERE ENGINEERS, INC.						<u>SOIL BORING LOG</u>		REPORT OF BORING SB915-MW-88D			
Client: Honeywell						Sampler: 2" Split Spoon		Location: SCA			
Proj. Loc: Wastebed 13 SCA Camillus, NY						Hammer: 140-lb drop		Start Date: 2/16/2011		End Date: 2/16/2011	
File No.: 1163/46698						Fall: 30"		Screen =		Grout	
Boring Company: Parratt-Wolff						Riser =		Sand Pack		Sand Choke	
Foreman: Joe Percy											
OBG Geologist: Nate Vogan											
Depth						Sample Description	Stratum Change	Field Testing			
Below Grade	No.	Depth (feet)	Blows /6"	Penetr/ Recovery (in ft)	"N" Value			General Descript	Equip. Installed	PID (ppm)	Time
67	34	69	28-26-40-50/0.4	2.0/NA	66	Brownish Gray(5YR4/1) dense, wet, f/m/c SAND, little greenish Gray(5GY6/1) and Moderate Brown(5YR4/4) silt, trace f/m/c subrounded gravel		=	0.0	2/16/2011	
						End of Boring at 69 ft					
						Screen: 59-79 ft					
						Riser: +2.5-59 ft					
						Sand Pack: 57-69 ft					
						Choke Sand: 54-57 ft					
						Grout: 0-54 ft					

O'BRIEN & GERE ENGINEERS, INC.						SOIL BORING LOG		REPORT OF BORING SB915-MW-88I			
Client: Honeywell						Sampler: 2" Split Spoon		Location: SCA			
Proj. Loc: Wastebed 13 SCA Camillus, NY						Hammer: 140-lb drop		Start Date: 2/16/2011			
File No.: 1163/46698						Fall: 30"		End Date: 2/17/2011			
Boring Company: Parratt-Wolff						Screen =		Grout			
Foreman: Joe Percy						Riser		Sand Pack			
OBG Geologist: Nate Vogan								Sand Choke			
Depth Below Grade	No.	Depth (feet)	Blows /6"	Penetr/ Recovery (in ft)	"N" Value	Sample Description	Stratum Change General Descript	Field Testing			
								Equip. Installed	PID (ppm)	Time	
0	1	2	5-12-10-10	2.0/1.8	24	0-1.0 Soft, dry, med. gray (N5) and brownish gray (5YR 4/1) SILT, few m-c sand, little f-m angular gravel. 1.0-1.8 Stiff, dry, light brown (5YR 5/6) SILT	Fill	\	\	0.0	1345
2	2	4	12-10-10-9	2.0/2.0	20	0-2.0 Stiff, moist, light brown (5YR 5/6) SILT and f. sand.	Sand and Silt	\	\	0.0	1348
4	3	6	5-7-7-30	2.0/2.0	14	0-1.8 Stiff, wet, light brown (5YR 5/6) SILT, little clay. 1.8-2.0 Dense, dry, brownish gray (5YR 4/1) and greenish gray (5GY 6/1) SILT and f. sand matrix supporting m-c gravel.		\	\	0.0	1410
6	4	8	32-18-19-19	2.0/1.0	37	0-1.0 SAA (1.8-2.0) Little m-c SAND, f-m-c angular gravel, few light greenish gray (5GY 8/1) and moderate brown (5YR 4/4) m-c sand sized chunks of rock.	8'	\	\	0.0	1415
8	5	10	12-7-5-5	2.0/0.8	12	0-0.8 Loose, saturated, brownish gray (5YR 4/1) m-c SAND, some f-m-c angular gravel, little silt.	Sand and Gravel	\	\	0.0	1418
10	6	12	3-4-3-4	2.0/0.3	7	0-0.3 SAA		\	\	0.0	1442
12	7	14	4-5-4-5	2.0/0.1	9	0-0.1 SAA		\	\	0.0	1445
14	8	16	10-5-8-12*	2.0/1.7	NA	Three inch spoon. 0-1.7 Med. dense, saturated, brownish gray (5YR 4/1) m-c SAND, some f-m-c subrounded gravel, little silt, few 2-3 in cobbles.		\	\	0.0	1503
16	9	18	12-10-11-7*	2.0/1.5	NA	Three inch spoon. 0-1.5 SAA		\	\	0.0	1508
18	10	20	9-9-8-7*	2.0/1.5	NA	Three inch spoon. 0-1.5 SAA		\	\	0.0	1533
20	11	22	7-9-10-13*	2.0/1.8	NA	Three inch spoon. 0-1.8 SAA		\	\	0.0	1550
22	12	24	14-18-18-19*	2.0/2.0	NA	Three inch spoon. 0-1.5 Dense, saturated, brownish gray (5YR 4/1) f-m-c subrounded GRAVEL, little m-c sand. 1.5-2.0 Dense, dry-moist, brownish gray (5YR 4/1), greenish gray (5GY 6/1) and moderate brown (5YR 3/4) m-c SAND, little silt, some f-m angular gravel.		\	\	0.0	1558
24	13	26	10-12-8-7*	2.0/1.5	NA	Three inch spoon. 0-1.5 Med. dense, wet, brownish gray (5YR 4/1) m-c SAND, some f-m-c subrounded gravel, little silt.		\	\	0.0	1618
26	14	28	8-9-36-32*	2.0/0.8	NA	Three inch spoon. 0-0.8 Large 2-3 in. cobbles, trace m-c gravel and sand.		\	\	0.0	1625
28	15	30	45-25-20-20*	2.0/2.0	NA	Three inch spoon. 0-2.0 Dense, saturated, brownish gray (5YR 4/1) m-c SAND, some f-m-c subrounded gravel, trace f sand and silt.	Sand and Gravel with Cobbles	\	\	0.0	10/12/10 800
30	16	32	40-27-32-25*	2.0/1.5	NA	Three inch spoon. 0-1.5 SAA, few 2-3 in. rounded cobbles, no f sand.		\	\	0.0	820

*Three inch spoon. No samples taken 0-59 ft bgs. Descriptions taken from SB915-MW-88BR.

O'BRIEN & GERE ENGINEERS, INC.						SOIL BORING LOG		REPORT OF BORING SB915-MW-88I			
Client: Honeywell						Sampler: 2" Split Spoon		Location: SCA			
Proj. Loc: Wastebed 13 SCA Camillus, NY						Hammer: 140-lb drop		Start Date: 2/16/2011			
File No.: 1163/46698						Fall: 30"		End Date: 2/17/2011			
Boring Company: Parratt-Wolff						Screen =		Grout			
Foreman: Joe Percy						Riser		Sand Pack			
OBG Geologist: Nate Vogan								Sand Choke			
Depth Below Grade	No.	Depth (feet)	Blows /6"	Penetr/ Recovery (in ft)	"N" Value	Sample Description	Stratum Change General Descript	Field Testing			
								Equip. Installed	PID (ppm)	Time	
32	17	34	12-20-21-20*	2.0/1.5	NA	Three inch spoon. 0-1.5 SAA		\	\	0.0	825
34	18	36	24-18-15-15*	2.0/1.0	NA	Three inch spoon. 0-1.0 SAA		\	\	0.0	850
36	19	38	15-14-12-12*	2.0/1.5	NA	Three inch spoon. 0-1.0 SAA		\	\	0.0	853
38	20	40	9-8-10-15*	2.0/1.3	NA	Three inch spoon. 0-1.3 Med. dense, saturated med gray (N5) large rounded cobbles, some m-c rounded gravel, m-c sand.	Sand and Gravel			0.0	920
40	21	42	12-28-18-20*	2.0/1.2	NA	Three inch spoon. 0-1.2 SAA, less cobbles, more m-c GRAVEL and m-c sand.				0.0	950
42	22	44	5-16-17-16	2.0/0.4	33	Poor recovery. Loose, saturated, Brownish Gray(5YR4/1), crushed COBBLES, little f/m sand		=		0.0	
44	23	46	27-42-20-21	2.0/1.3	62	Dense, saturated, Brownish Gray(5YR4/1) to Medium Dark Gray(N4), f/m/c SAND, some f/m/c rounded gravel, little silt and crushed cobbles		=		0.0	
46	24	48	24-27-21-22	2.0/1.2	48	SAA		=		0.0	
48	25	50	50/0.4'	0.4/0.4	>50	SAA, very dense, crushed cobble in spoon		=		0.0	
50	26	52	47-30-50-50/0.4	1.8/1.1	80	SAA, dense		=		0.0	
						EOB at 52'					
						Screen: 42 - 52' (20 Slot)					
						Sand Pack: 40 - 52'					
						Choke: 37 - 40'					
						Riser: +2.5-42'					

*Three inch spoon. No samples taken from 42-52 ft bgs. Descriptions taken from SB915-MW-88BR.

O'BRIEN & GERE ENGINEERS, INC.						SOIL BORING LOG		REPORT OF BORING SB915-MW-88S			
Client: Honeywell						Sampler: 2" Split Spoon		Location: SCA			
Proj. Loc: Wastedbed 13 SCA Camillus, NY						Hammer: 140-lb drop		Start Date: 2/17/2011			
File No.: 1163/46698						Fall: 30"		End Date: 2/18/2011			
Boring Company: Parratt-Wolff						Screen Riser		Grout			
Foreman: Joe Percy								Sand Pack			
OBG Geologist: Nate Vogan								Sand Choke			
Depth Below Grade	No.	Depth (feet)	Blows /6"	Penetr/ Recovery (in ft)	"N" Value	Sample Description	Stratum Change		Field Testing		
							General Descript	Equip. Installed	PID (ppm)	Time	
0	1	2	5-12-10-10	2.0/1.8	24	0-1.0 Soft, dry, med. gray (N5) and brownish gray (5YR 4/1) SILT, few m-c sand, little f-m angular gravel. 1.0-1.8 Stiff, dry, light brown (5YR 5/6) SILT	Fill	\	\	0.0	1345
2	2	4	12-10-10-9	2.0/2.0	20	0-2.0 Stiff, moist, light brown (5YR 5/6) SILT and f. sand.	Sand and Silt	\	\	0.0	1348
4	3	6	5-7-7-30	2.0/2.0	14	0-1.8 Stiff, wet, light brown (5YR 5/6) SILT, little clay. 1.8-2.0 Dense, dry, brownish gray (5YR 4/1) and greenish gray (5GY 6/1) SILT and f. sand matrix supporting m-c gravel.		\	\	0.0	1410
6	4	8	32-18-19-19	2.0/1.0	37	0-1.0 SAA (1.8-2.0) Little m-c SAND, f-m-c angular gravel, few light greenish gray (5GY 8/1) and moderate brown (5YR 4/4) m-c sand sized chunks of rock.	8'	\	\	0.0	1415
8	5	10	12-7-5-5	2.0/0.8	12	0-0.8 Loose, saturated, brownish gray (5YR 4/1) m-c SAND, some f-m-c angular gravel, little silt.	Sand and Gravel	\	\	0.0	1418
10	6	12	3-4-3-4	2.0/0.3	7	0-0.3 SAA		\	\	0.0	1442
12	7	14	4-5-4-5	2.0/0.1	9	0-0.1 SAA		\	\	0.0	1445
14	8	16	10-5-8-12*	2.0/1.7	NA	0-1.7 Med. dense, saturated, brownish gray (5YR 4/1) m-c SAND, some f-m-c subrounded gravel, little silt, few 2-3 in cobbles.		\	\	0.0	1503
16	9	18	12-10-11-7*	2.0/1.5	NA	Three inch spoon. 0-1.5 SAA		\	\	0.0	1508
18	10	20	9-9-8-7*	2.0/1.5	NA	Three inch spoon. 0-1.5 SAA		\	\	0.0	1533
20	11	22	7-9-10-13*	2.0/1.8	NA	Three inch spoon. 0-1.8 SAA				0.0	1550
22	12	24	14-18-18-19*	2.0/2.0	NA	Three inch spoon. 0-1.5 Dense, saturated, brownish gray (5YR 4/1) f-m-c subrounded GRAVEL, little m-c sand. 1.5-2.0 Dense, dry-moist, brownish gray (5YR 4/1), greenish gray (5GY 6/1) and moderate brown (5YR 3/4) m-c SAND, little silt, some f-m angular gravel.				0.0	1558
25	13	27	23-12-10-7	2.0/0.4	22	Poor recovery. Loose, saturated, Brownish Gray(5YR4/1) m/c SAND, some fine gravel, cobble lodged in spoon nose.		=		NA	NA
27	14	29	4-3-2-3	2.0/0.8	5	Medium dense, wet, Brownish Gray(5YR4/1), m/c SAND, some f/m/c rounded to subrounded gravel, little crushed cobbles, trace silt		=		NA	NA
29	15	31	33-55-40-30	2.0/0.6	95	Loose, wet, Brownish Gray(5YR4/1), f/m/c rounded to subrounded GRAVEL, some f/m/c sand, little silt		=		NA	NA

*Three inch spoon. No samples taken 0-25 ft. Descriptions taken from SB915-MW-88BR.

O'BRIEN & GERE ENGINEERS, INC.						SOIL BORING LOG		REPORT OF BORING SB915-MW-89BR			
Client: Honeywell						Sampler: 2-3" Split Spoon		Location: SCA			
Proj. Loc: Wastebed 13 SCA Camillus, NY						Hammer: 140-lb drop		Start Date: 10/7/2010			
File No.: 1163/46698						Fall: 30"		End Date: 1/28/2011			
Boring Company: GeoLogic, Inc.						Screen Riser		Grout Sand Pack Sand Choke			
Foreman: Scott Breeds											
OBG Geologist: Jon Bone											
Depth Below Grade	No.	Depth (feet)	Blows /6"	Penetr/ Recovery (in ft)	"N" Value	Sample Description	Stratum Change	General Descript	Equip. Installed	Field Testing	
										PID (ppm)	Time
0	1	2	5-8-8-9	2.0/1.8	16	0-1.8 Very stiff, dry, Moderate Brown (5YR 3/4) SILT matrix supporting m-c sand and f-m gravel	Fill	\	\	0.0	925
2	2	4	9-12-5-6	2.0/1.8	17	0-0.8 SAA. 0.8-1.8 Medium, dry, Grayish Brown (5YR 3/2) SILT, trace f sand.	4'	\	\	0.0	930
4	3	6	7-7-8-6	2.0/0.5	15	0-0.5 Stiff, dry, Moderate Brown (5YR 3/4) SILT, some clay, moderately cohesive	Silt, some Clay	\	\	0.0	1015
6	4	8	7-8-9-9	2.0/0.8	17	0-0.8 SAA, slight decrease in clay content		\	\	0.0	1017
8	5	10	8-7-6-5	2.0/1.3	13	0-1.3 SAA, trace clay content	Silt	\	\	0.0	1020
10	6	12	3-3-3-3	2.0/1.3	6	0-1.3 SAA		\	\	0.0	1037
12	7	14	3-4-5-5	2.0/1.5	9	0-1.5 SAA		\	\	0.0	1040
14	8	16	8-9-4-5	2.0/0.4	13	0-0.4 SAA, wet		\	\	0.0	1056
16	9	18	4-5-7-8	2.0/1.5	12	0-1.5 SAA, little f sand		\	\	0.0	1058
18	10	20	3-3-4-6	2.0/2.0	7	0-2.0 SAA	20'	\	\	0.0	1102
20	11	22	9-18-28-30	2.0/1.3	46	0-0.3 SAA, some f sand. 0.3-0.5 Medium, wet, Brownish Gray (5YR 4/1)f-m SAND, little silt, few m-c subrounded gravel. 0.5-1.3 stiff, wet, Light Olive Gray (5Y 6/1) and Moderate Brown (5YR 4/1), SILT matrix, little f-m sand, few f-m angular gravel	Silt, fm Sand, Gravel	\	\	0.0	1115
22	12	24	30-20-16-22	2.0/1.3	36	0-1.3 Stiff, wet, Greenish Gray (5GY 6/1) and Moderate Brown (5YR 4/4) SILT matrix, little f-m sand, few f-m angular gravel		\	\	0.0	1120
24	13	26	10-7-4-4	2.0/1.1	11	0-1.1 Soft, saturated, Brownish Gray (5YR 4/1) f-m SAND, some silt, little f-m gravel	fm Sand and Silt	\	\	0.0	1235
26	14	28	4-4-3-3	2.0/1.0	7	0-1.0 SAA Greenish Gray (5GY 6/1) and Brownish Gray (5YR 4/1)		\	\	0.0	1240
28	15	30	6-5-4-4	2.0/1.0	9	0-1.0 SAA increase in f-m sand content. Few thin bands (0.1 ft) of higher silt and trace clay content		\	\	0.0	1243
30	16	32	6-7-5-9	2.0/0.4	12	0-0.4 SAA		\	\	0.0	1306
32	17	34	4-5-4-7	2.0/1.4	9	0-1.4 SAA, trace gravel		\	\	0.0	1310
34	18	36	5-5-5-5	2.0/0.8	10	0-0.8 Loose, saturated, Brownish Gray (5YR 4/1) and Greenish Gray (5GY 6/1) m-c SAND, little f-m gravel, trace silt	mc Sand	\	\	0.0	1328
36	19	38	7-8-13-14	2.0/1.5	21	0-1.5 Medium dense, saturated, Brownish Gray (5YR 4/1) m-c SAND, varying amounts of Greenish Gray (5GY 6/1) and Moderate Brown (5YR 4/4) SILT throughout. Partially matrix supported @1.0-1.2, few m-c angular gravel		\	\	0.0	1330

O'BRIEN & GERE ENGINEERS, INC.						SOIL BORING LOG		REPORT OF BORING SB915-MW-89BR			
Client: Honeywell						Sampler: 2-3" Split Spoon		Location: SCA			
Proj. Loc: Wastebed 13 SCA Camillus, NY						Hammer: 140-lb drop		Start Date: 10/7/2010			
File No.: 1163/46698						Fall: 30"		End Date: 1/28/2011			
Boring Company: GeoLogic, Inc.						Screen Riser		Grout Sand Pack Sand Choke			
Foreman: Scott Breeds											
OBG Geologist: Jon Bone											
Depth Below Grade	No.	Depth (feet)	Blows /6"	Penetr/ Recovery (in ft)	"N" Value	Sample Description	Stratum Change General Descript	Equip. Installed	Field Testing		
									PID (ppm)	Time	
38	20	40	28-17-14-13	2.0/2.0	31	0-0.3 SAA. 0.3-2.0 Medium dense, saturated, Brownish Gray (5YR 4/1), f-m SAND, trace silt	fm Sand and Silt	\	\	0.0	1335
40	21	42	10-10-12-15	2.0/1.7	32	0-1.7 Dense, saturated, brownish gray (5YR 4/1), f-m SAND, trace silt.		\	\	0.0	1410
42	22	44	20-16-24-35	2.0/1.8	40	0-1.8 SAA, decrease in m sand, slight increase in silt content.		\	\	0.0	1414
44	23	46	5-12-16-17	2.0/1.5	28	0-1.5 SAA, band of silt with little f sand from 0.6-0.7		\	\	0.0	1442
46	24	48	14-16-18-20	2.0/1.8	34	0-1.8 SAA, no bands of silt, two large pieces of angular gravel at 1.5 and 1.7		\	\	0.0	1445
48	25	50	20-16-14-18	2.0/1.8	30	0-0.8 Dense, wet, brownish gray (5YR 4/1) m-c SAND, little f sand, few f-m gravel, trace silt. 0.8-1.8 Stiff, saturated, brownish gray (5YR 4/1), f sand, little c sand and silt.	mc Sand	\	\	0.0	1450
50	26	52	9-18-20-21	2.0/1.8	38	0-1.8 SAA (0.8-1.8)		\	\	0.0	1531
52	27	54	24-26-20-22	2.0/1.3	46	0-1.3 Dense, saturated, brownish gray (5YR 4/1), f-m SAND, little c sand, trace silt.	f Sand and Silt	\	\	0.0	1537
54	28	56	17-14-16-21	2.0/1.7	30	0-1.7 SAA, increase in c sand, trace f sand and silt.		\	\	0.0	1605
56	29	58	18-22-24-22	2.0/1.8	46	0-1.8 Dense, saturated, brownish gray (5YR 4/1) m-c SAND few f-m subrounded gravel, trace f sand.		\	\	0.0	1610
58	30	60	14-17-19-32	2.0/2.0	36	0-2.0 SAA, fining downward to f-m brownish gray (5YR 4/1) SAND, trace m rounded gravel throughout.		\	\	0.0	1615
60	31	62	16-12-11-13	2.0/1.6	23	0-1.6 Dense, saturated, brownish gray (5YR 4/1), f-m SAND, few c sand and trace silt from 0.0-0.3.		\	\	0.0	10/8/10 745
62	32	64	12-14-14-20	2.0/1.8	28	0-1.8 SAA, no c sand or silt.		\	\	0.0	750
64	33	66	14-19-30-40	2.0/1.5	49	0-1.5 SAA		\	\	0.0	825
66	34	68	32-38-44-40	2.0/1.8	82	0-1.8 SAA, very dense		\	\	0.0	838
68	35	70	23-28-32-37	2.0/2.0	60	0-2.0 SAA, decrease in m sand content		\	\	0.0	845
70	36	72	13-17-21-18	2.0/1.5	38	0-1.5 Dense, saturated, brownish gray (5YR 4/1) f-m SAND, trace silt, slightly runny.		\	\	0.0	918
72	37	74	17-20-28-18	2.0/1.5	48	0-1.3 SAA. 1.3-1.5 Very stiff, wet, brownish gray (5YR 4/1) and greenish gray (5GY 6/1) SILT, little f sand, one large piece rounded gravel.		\	\	0.0	921

O'BRIEN & GERE ENGINEERS, INC.						SOIL BORING LOG		REPORT OF BORING SB915-MW-89BR			
Client: Honeywell						Sampler: 2-3" Split Spoon		Location: SCA			
Proj. Loc: Wastedbed 13 SCA Camillus, NY						Hammer: 140-lb drop		Start Date: 10/7/2010			
File No.: 1163/46698						Fall: 30"		End Date: 1/28/2011			
Boring Company: GeoLogic, Inc.						Screen Riser		Grout Sand Pack Sand Choke			
Foreman: Scott Breeds											
OBG Geologist: Jon Bone											
Depth Below Grade	No.	Depth (feet)	Blows /6"	Penetr/ Recovery (in ft)	"N" Value	Sample Description	Stratum Change General Descript	Equip. Installed	Field Testing		
									PID (ppm)	Time	
74	38	76	10-45-50/0.3	1.3/0.8	>95	0-0.7 SAA. 0.7-0.8 Hard, moist, medium dark gray (N4) ROCK FRAGMENTS and hard medium dark gray silt.	Silt and f Sand	\	\	0.0	958
76.5	39	78	100/0.3*	0.3/0.0	NA	Three inch spoon. Drilled to 76.5 to get through cobble, No recovery	Sand and Gravel	\	\	0.0	1034
78	40	80	100/0.4*	0.4/0.3	NA	Three inch spoon. 0-0.3 Very dense, wet, brownish gray (5YR 4/1) and greenish gray (5GY 6/1) m-c GRAVEL, some m-c sand, few (1-3 in) angular gravel pieces, little silt matrix.		\	\	0.0	1125
80	41	82	64-83-88-70*	2.0/2.0	NA	Three inch spoon. 0-2.0 Very dense, saturated, brownish gray (5YR 4/1) and medium gray (N5) m-c sand and silt matrix supporting m-c subrounded gravel, few 2-3 in angular gravel pieces.	Matrix Supported Sand and Gravel	\	\	0.0	1247
82	42	84	70-58-44-80*	2.0/2.0	NA	Three inch spoon. 0-2.0 Very dense, wet, brownish gray (5YR 4/1), grayish green (5GY 6/1) and medium gray (N5) SILT and f-m sand matrix supporting f-m-c subangular and subrounded gravel, few large (2-3 in) angular gravel pieces.	84'	\	\	0.0	1255
84	43	86	72-70-84-120	2.0/2.0	154	0-2.0 Very hard, moist, dark reddish brown (10R 3/4) SILT matrix, little f sand, supporting f-m-c subangular gravel, few large 2-3 in large angular gravel pieces.	Till	\	\	0.0	1355
86	44	86.7	100-100/0.2	0.7/0.7	>200	0-0.7 SAA. 5 in. permanent steel casing set at 88 ft bgs.		\	\	0.0	1420
88	45	90	70-86-100/0.3	1.3/0.6	>186	0-0.6 Very hard, slightly moist, dark reddish brown (10R 3/4) silt matrix with trace fine sand supporting f-m-c subangular gravel, few large angular gravel pieces.		\	\	0.0	1/12/11 1430
90	46	92	100/0.0	0.0/0.0	>100	No recovery, refusal.		\	\	NA	1545
92	47	94	NA	NA	NA	No sample, auger to next sampling interval.		\	\	NA	1/13/11 1030
94	48	96	100/0.1	0.1/0.1	>100	0-0.1 Very hard, dry, greenish gray (5GY 6/1), silt, breaks in thin shale-like fragments, extremely dense.		\	\	0.0	1045
96	49	98	100/0.15	0.15/0.15	>100	0-0.15 SAA		\	\	0.0	1150
98	50	100	100/0.1	0.1/0.1	>100	0-0.1 Very hard, slightly moist, greenish gray (5G 6/1) silt, trace fine sand supporting f-m gravel, light brownish gray (5YR 6/1) mottling.		\	\	0.0	1310
100	51	102	45-100/0.5	0.8/0.8	>145	0-0.8 Very hard, slightly moist, greenish gray (5GY 6/1) silt, trace fine sand, brittle, trace slight light brownish gray (5YR 4/1) mottling.		\	\	0.0	1430
102	52	104	100/0.15	0.15/0.15	>100	0-0.15 SAA, no mottling, no sand.	Till	\	\	0.0	1540
104	53	106	100/0.1	0.1/0.1	>100	0-0.1 SAA	106'	\	\	0.0	1/14/11 0830

* Three inch spoon.

O'BRIEN & GERE ENGINEERS, INC.						SOIL BORING LOG		REPORT OF BORING SB915-MW-89BR			
Client: Honeywell						Sampler: 2-3" Split Spoon		Location: SCA			
Proj. Loc: Wastebed 13 SCA Camillus, NY						Hammer: 140-lb drop		Start Date: 10/7/2010			
File No.: 1163/46698						Fall: 30"		End Date: 1/28/2011			
Boring Company: GeoLogic, Inc.						Screen =		Grout			
Foreman: Scott Breeds						Riser		Sand Pack			
OBG Geologist: Jon Bone								Sand Choke			
Depth						Stratum Change			Field Testing		
Below Grade	No.	Depth (feet)	Blows /6"	Penetr/ Recovery (in ft)	"N" Value	Sample Description	General Descript	Equip. Installed	PID (ppm)	Time	
104.1	54	108	NA	3.9/1.8	NA	Used core barrel to core from 104.1 to 108 ft bgs. Recovered 1.8 ft of bedrock. Greenish gray (5G 6/1) Shale contact at 106 ft bgs.	Shale	\	\	NA	1045
108	55	110	NA	2.0/1.4	NA	Med dark gray (N4) Shale, moderately weathered, trace clay in weathered zones, trace gypsum at 1.3-1.4. Drilling company overshot core run to 115 ft. NYSDEC approves setting 4 in steel casing at 115 ft bgs. Start to bedrock core, see core log for descriptions.		\	\	NA	1245
115	56	117	NA	NA	NA	Shale		=		NA	NA
117	57	119	NA	NA	NA	Shale		=		NA	NA
119	58	121	NA	NA	NA	Shale		=		NA	NA
121	59	123	NA	NA	NA	Shale		=		NA	NA
123	60	125	NA	NA	NA	Shale		=		NA	NA
125	61	127	NA	NA	NA	Shale		=		NA	NA
127	62	128	NA	NA	NA	Shale		=		NA	NA
						End of boring at 128 ft bgs					
						Well Installation Details:					
						Screen: 118-128					
						Riser: +2-118					
						Sand Pack: 116-128					
						Sand Choke: 113-116					
						Grout: 0-113					

Formation Member	Unit	Run No. Depth	Pen. Rate (min. per foot)	Depth Scale	Lithologic Description (include in order: ROCK TYPE, color, grain size, texture, bedding, fracture & minerals.)	Core Recovery		RQD
						Length	Percent	
		3 115 - 119	14	115 119	SHALE; greenish gray (5G 6/1) becoming medium dark gray (N4) at 117; very fine grained, thinly laminated, slightly fissile; highly fractured every 0.1 to 0.2 ft, clay present in weathered fractures; gypsum layers at 115.5, 116.8, 117.3, 117.6.	2.8	70%	0%
		4 119 - 124	9:05 15	124	SHALE; medium dark gray (N4) becoming greenish gray (5G 6/1) at 120.1; very fine grained, thinly laminated, slightly fissile in gray section mechanical fracures at 119.5, 120.6, 121.4, 122.5, 122.9, 123.3, 123.7; highly fractured at 119.7-123.5; gypsum at 119.5 to 119.7 and 120.2 to 120.3.	4.6	92%	35%
		5 124 - 128	10:45 12.5 11:35	128	SHALE; greenish gray (5G 6/1) and medium dark gray (N4); very fine grained; thinly laminated; slightly fissile; highly fractured 124.6-124.9, 125.2-125.5, 126.2-126.7; weathered fractures with clay at 125.9, 126.3, 126.6; gypsum zones at 126.2-126.9, 127.4-127.5; vertical healed fractures at 124.9-125.2, 125.7-125.9, and 126.7-127.	3.8	95%	35%
					End of core hole at 128 ft. See boring log for well installation details. Lost 250 Gallons Water Total			

O'BRIEN & GERE ENGINEERS, INC.						SOIL BORING LOG		REPORT OF BORING SB915-MW-89D			
Client: Honeywell						Sampler: 2-3" Split Spoon		Location: SCA			
Proj. Loc: Wastebed 13 SCA Camillus, NY						Hammer: 140-lb drop		Start Date: 2/14/2011			
File No.: 1163/46698						Fall: 30"		End Date: 2/16/2011			
Boring Company: Parrat-Wolff						Screen Riser		Grout Sand Pack Sand Choke			
Foreman: Joe Percy											
OBG Geologist: Robert Trent											
Depth Below Grade	No.	Depth (feet)	Blows /6"	Penetr/ Recovery (in ft)	"N" Value	Sample Description	Stratum Change General Descript	Equip. Installed	Field Testing		
									PID (ppm)	Time	
0	1	2	5-8-8-9	2.0/1.8	16	0-1.8 Very stiff, dry, Moderate Brown (5YR 3/4) SILT matrix supporting m-c sand and f-m gravel	Fill	\	\	0.0	925
2	2	4	9-12-5-6	2.0/1.8	17	0-0.8 SAA. 0.8-1.8 Medium, dry, Grayish Brown (5YR 3/2) SILT, trace f sand.	4'	\	\	0.0	930
4	3	6	7-7-8-6	2.0/0.5	15	0-0.5 Stiff, dry, Moderate Brown (5YR 3/4) SILT, some clay, moderately cohesive	Silt, some Clay	\	\	0.0	1015
6	4	8	7-8-9-9	2.0/0.8	17	0-0.8 SAA, slight decrease in clay content		\	\	0.0	1017
8	5	10	8-7-6-5	2.0/1.3	13	0-1.3 SAA, trace clay content	Silt	\	\	0.0	1020
10	6	12	3-3-3-3	2.0/1.3	6	0-1.3 SAA		\	\	0.0	1037
12	7	14	3-4-5-5	2.0/1.5	9	0-1.5 SAA		\	\	0.0	1040
14	8	16	8-9-4-5	2.0/0.4	13	0-0.4 SAA, wet		\	\	0.0	1056
16	9	18	4-5-7-8	2.0/1.5	12	0-1.5 SAA, little f sand		\	\	0.0	1058
18	10	20	3-3-4-6	2.0/2.0	7	0-2.0 SAA	20'	\	\	0.0	1102
20	11	22	9-18-28-30	2.0/1.3	46	0-0.3 SAA, some f sand. 0.3-0.5 Medium, wet, Brownish Gray (5YR 4/1)f-m SAND, little silt, few m-c subrounded gravel. 0.5-1.3 stiff, wet, Light Olive Gray (5Y 6/1) and Moderate Brown (5YR 4/1), SILT matrix, little f-m sand, few f-m angular gravel	Silt, fm Sand, Gravel	\	\	0.0	1115
22	12	24	30-20-16-22	2.0/1.3	36	0-1.3 Stiff, wet, Greenish Gray (5GY 6/1) and Moderate Brown (5YR 4/4) SILT matrix, little f-m sand, few f-m angular gravel		\	\	0.0	1120
24	13	26	10-7-4-4	2.0/1.1	11	0-1.1 Soft, saturated, Brownish Gray (5YR 4/1) f-m SAND, some silt, little f-m gravel	fm Sand and Silt	\	\	0.0	1235
26	14	28	4-4-3-3	2.0/1.0	7	0-1.0 SAA Greenish Gray (5GY 6/1) and Brownish Gray (5YR 4/1)		\	\	0.0	1240
28	15	30	6-5-4-4	2.0/1.0	9	0-1.0 SAA increase in f-m sand content. Few thin bands (0.1 ft) of higher silt and trace clay content		\	\	0.0	1243
30	16	32	6-7-5-9	2.0/0.4	12	0-0.4 SAA		\	\	0.0	1306
32	17	34	4-5-4-7	2.0/1.4	9	0-1.4 SAA, trace gravel		\	\	0.0	1310
34	18	36	5-5-5-5	2.0/0.8	10	0-0.8 Loose, saturated, Brownish Gray (5YR 4/1) and Greenish Gray (5GY 6/1) m-c SAND, little f-m gravel, trace silt	mc Sand	\	\	0.0	1328
36	19	38	7-8-13-14	2.0/1.5	21	0-1.5 Medium dense, saturated, Brownish Gray (5YR 4/1) m-c SAND, varying amounts of Greenish Gray (5GY 6/1) and Moderate Brown (5YR 4/4) SILT throughout. Partially matrix supported @1.0-1.2, few m-c angular gravel		\	\	0.0	1330

No samples taken from 0-63 ft. Descriptions taken from SB915-MW-89BR.

O'BRIEN & GERE ENGINEERS, INC.						SOIL BORING LOG		REPORT OF BORING SB915-MW-89D			
Client: Honeywell						Sampler: 2-3" Split Spoon		Location: SCA			
Proj. Loc: Wastedbed 13 SCA Camillus, NY						Hammer: 140-lb drop		Start Date: 2/14/2011			
File No.: 1163/46698						Fall: 30"		End Date: 2/16/2011			
Boring Company: Parrat-Wolff						Screen Riser		Grout Sand Pack Sand Choke			
Foreman: Joe Percy											
OBG Geologist: Robert Trent											
Depth Below Grade	No.	Depth (feet)	Blows /6"	Penetr/ Recovery (in ft)	"N" Value	Sample Description	Stratum Change General Descript	Equip. Installed	Field Testing		
									PID (ppm)	Time	
38	20	40	28-17-14-13	2.0/2.0	31	0-0.3 SAA. 0.3-2.0 Medium dense, saturated, Brownish Gray (5YR 4/1), f-m SAND, trace silt	fm Sand and Silt	\	\	0.0	1335
40	21	42	10-10-12-15	2.0/1.7	32	0-1.7 Dense, saturated, brownish gray (5YR 4/1), f-m SAND, trace silt.		\	\	0.0	1410
42	22	44	20-16-24-35	2.0/1.8	40	0-1.8 SAA, decrease in m sand, slight increase in silt content.		\	\	0.0	1414
44	23	46	5-12-16-17	2.0/1.5	28	0-1.5 SAA, band of silt with little f sand from 0.6-0.7		\	\	0.0	1442
46	24	48	14-16-18-20	2.0/1.8	34	0-1.8 SAA, no bands of silt, two large pieces of angular gravel at 1.5 and 1.7		\	\	0.0	1445
48	25	50	20-16-14-18	2.0/1.8	30	0-0.8 Dense, wet, brownish gray (5YR 4/1) m-c SAND, little f sand, few f-m gravel, trace silt. 0.8-1.8 Stiff, saturated, brownish gray (5YR 4/1), f sand, little c sand and silt.	mc Sand	\	\	0.0	1450
50	26	52	9-18-20-21	2.0/1.8	38	0-1.8 SAA (0.8-1.8)		\	\	0.0	1531
52	27	54	24-26-20-22	2.0/1.3	46	0-1.3 Dense, saturated, brownish gray (5YR 4/1), f-m SAND, little c sand, trace silt.	f Sand and Silt	\	\	0.0	1537
54	28	56	17-14-16-21	2.0/1.7	30	0-1.7 SAA, increase in c sand, trace f sand and silt.		\	\	0.0	1605
56	29	58	18-22-24-22	2.0/1.8	46	0-1.8 Dense, saturated, brownish gray (5YR 4/1) m-c SAND few f-m subrounded gravel, trace f sand.		\	\	0.0	1610
58	30	60	14-17-19-32	2.0/2.0	36	0-2.0 SAA, fining downward to f-m brownish gray (5YR 4/1) SAND, trace m rounded gravel throughout.				0.0	1615
60	31	62	16-12-11-13	2.0/1.6	23	0-1.6 Dense, saturated, brownish gray (5YR 4/1), f-m SAND, few c sand and trace silt from 0.0-0.3.				0.0	10/8/10 745
63	2	65	60-50-35-32	2/0.75	85	Dense, saturated, brownish gray (5YR 4/1), f-m SAND, few c sand and trace silt.		=		0.0	830
65	3	67	11-18-32-67	2.0/2.0	50	Dense, saturated, brownish gray (5YR 4/1), f-m SAND, few c sand and trace silt.		=		0.0	845
67	4	69	33-37-51-58	2.0/2.0	88	Dense, saturated, brownish gray (5YR 4/1), f-m SAND, few c sand and trace silt.		=		0.0	915
69	5	71	6-12-15-26	2.0/2.0	27	Dense, saturated, brownish gray (5YR 4/1), f-m SAND, few c sand and trace silt.		=		0.0	950
71	6	73	12-23-34-38	2.0/2.0	57	Dense, saturated, brownish gray (5YR 4/1), f-m SAND, few c sand, little medium gravel, trace silt.		=		0.0	1010
						End of Boring at 73 ft bgs					

No samples taken from 0-63 ft. Descriptions taken from SB915-MW-89BR. Well construction details: Screen (10 slot) - 63-73 ft., Sand pack - 61-73 ft., Sand Choke - 58-61 ft., Grout - 0-58 ft.

O'BRIEN & GERE ENGINEERS, INC.						SOIL BORING LOG		REPORT OF BORING SB915-MW-89I			
Client: Honeywell						Sampler: 2" Split Spoon		Location: SCA			
Proj. Loc: Wastebed 13 SCA Camillus, NY						Hammer: 140-lb drop		Start Date: 2/11/2011			
File No.: 1163/46698						Fall: 30"		End Date: 2/11/2011			
Boring Company: Parrat-Wolff						Screen Riser		Grout			
Foreman: Joe Percy								Sand Pack			
OBG Geologist: Jason Newton								Sand Choke			
Depth Below Grade	No.	Depth (feet)	Blows /6"	Penetr/ Recovery (in ft)	"N" Value	Sample Description	Stratum Change General Descript	Equip. Installed	Field Testing		
									PID (ppm)	Time	
0	1	2	5-8-8-9	2.0/1.8	16	0-1.8 Very stiff, dry, Moderate Brown (5YR 3/4) SILT matrix supporting m-c sand and f-m gravel	Fill	\	\	0.0	925
2	2	4	9-12-5-6	2.0/1.8	17	0-0.8 SAA. 0.8-1.8 Medium, dry, Grayish Brown (5YR 3/2) SILT, trace f sand.	4'	\	\	0.0	930
4	3	6	7-7-8-6	2.0/0.5	15	0-0.5 Stiff, dry, Moderate Brown (5YR 3/4) SILT, some clay, moderately cohesive	Silt, some Clay	\	\	0.0	1015
6	4	8	7-8-9-9	2.0/0.8	17	0-0.8 SAA, slight decrease in clay content		\	\	0.0	1017
8	5	10	8-7-6-5	2.0/1.3	13	0-1.3 SAA, trace clay content	Silt	\	\	0.0	1020
10	6	12	3-3-3-3	2.0/1.3	6	0-1.3 SAA		\	\	0.0	1037
12	7	14	3-4-5-5	2.0/1.5	9	0-1.5 SAA		\	\	0.0	1040
14	8	16	8-9-4-5	2.0/0.4	13	0-0.4 SAA, wet		\	\	0.0	1056
16	9	18	4-5-7-8	2.0/1.5	12	0-1.5 SAA, little f sand		\	\	0.0	1058
18	10	20	3-3-4-6	2.0/2.0	7	0-2.0 SAA	20'	\	\	0.0	1102
20	11	22	9-18-28-30	2.0/1.3	46	0-0.3 SAA, some f sand. 0.3-0.5 Medium, wet, Brownish Gray (5YR 4/1)f-m SAND, little silt, few m-c subrounded gravel. 0.5-1.3 stiff, wet, Light Olive Gray (5Y 6/1) and Moderate Brown (5YR 4/1), SILT matrix, little f-m sand, few f-m angular gravel	Silt, fm Sand, Gravel	\	\	0.0	1115
22	12	24	30-20-16-22	2.0/1.3	36	0-1.3 Stiff, wet, Greenish Gray (5GY 6/1) and Moderate Brown (5YR 4/4) SILT matrix, little f-m sand, few f-m angular gravel		\	\	0.0	1120
24	13	26	10-7-4-4	2.0/1.1	11	0-1.1 Soft, saturated, Brownish Gray (5YR 4/1) f-m SAND, some silt, little f-m gravel	fm Sand and Silt	\	\	0.0	1235
26	14	28	4-4-3-3	2.0/1.0	7	0-1.0 SAA Greenish Gray (5GY 6/1) and Brownish Gray (5YR 4/1)		\	\	0.0	1240
28	15	30	6-5-4-4	2.0/1.0	9	0-1.0 SAA increase in f-m sand content. Few thin bands (0.1 ft) of higher silt and trace clay content		\	\	0.0	1243
30	16	32	6-7-5-9	2.0/0.4	12	0-0.4 SAA		\	\	0.0	1306
32	17	34	4-5-4-7	2.0/1.4	9	0-1.4 SAA, trace gravel		\	\	0.0	1310
34	18	36	5-5-5-5	2.0/0.8	10	0-0.8 Loose, saturated, Brownish Gray (5YR 4/1) and Greenish Gray (5GY 6/1) m-c SAND, little f-m gravel, trace silt	mc Sand	\	\	0.0	1328
36	19	38	7-8-13-14	2.0/1.5	21	0-1.5 Medium dense, saturated, Brownish Gray (5YR 4/1) m-c SAND, varying amounts of Greenish Gray (5GY 6/1) and Moderate Brown (5YR 4/4) SILT throughout. Partially matrix supported @1.0-1.2, few m-c angular gravel		\	\	0.0	1330

No samples taken from 0-43 ft. Descriptions taken from SB915-MW-89BR.

O'BRIEN & GERE ENGINEERS, INC.						SOIL BORING LOG			REPORT OF BORING SB915-MW-89I			
Client: Honeywell						Sampler: 2" Split Spoon			Location: SCA			
Proj. Loc: Wastedbed 13 SCA Camillus, NY						Hammer: 140-lb drop			Start Date: 2/11/2011			
File No.: 1163/46698						Fall: 30"			End Date: 2/11/2011			
Boring Company: Parrat-Wolff						Screen			Grout			
Foreman: Joe Percy						Riser			Sand Pack			
OBG Geologist: Jason Newton									Sand Choke			
Depth Below Grade	No.	Depth (feet)	Blows /6"	Penetr/ Recovery (in ft)	"N" Value	Sample Description	Stratum Change	Equip. Installed	Field Testing			
									General Descript		PID (ppm)	Time
38	20	40	28-17-14- 13	2.0/2.0	31	0-0.3 SAA. 0.3-2.0 Medium dense, saturated, Brownish Gray (5YR 4/1), f-m SAND, trace silt	fm Sand and Silt			0.0	1335	
40	21	42	10-10-12- 15	2.0/1.7	32	0-1.7 Dense, saturated, brownish gray (5YR 4/1), f-m SAND, trace silt.	43'			0.0	1410	
43	2	45	15-31-52- 55	2.0/2.0	83	0-1.2 Extremely dense, damp, olive gray (5Y 4/1), m-c sand and f-m gravel, trace silt. 1.2-2.0 SAA, no gravel, f-m sand, trace silt.	Sand & Gravel	=		NA	930	
45	3	47	35-63- 50/0.2	2.0/2.0	>113	0-2.0 Extremely dense, damp, brownish gray (5YR 4/1), f-m gravel and m-c sand, trace silt.		=		NA	1000	
47	4	49	17-19-27- 52	2.0/2.0	46	0-0.3 SAA. 0.3-2.0 Dense, damp to moist, olive gray (5Y 4/1), m-c sand, little to trace silt.		=		NA	1035	
49	5	51	22-26-28- 32	2.0/2.0	54	0-2.0 Very dense, f-c sand, little f-m gravel, trace coarse gravel, some to little silt.		=		NA	1050	
51	6	53	25-36-32- 39	2.0/1.7	68	0.3-2.0 Very dense, damp to moist, m-c sand, some f-m gravel, trace silt.		=		NA	1125	
						End of boring at 53 ft bgs						
						Well Construction Details						
						Screen: 43-53 ft						
						Riser: +2-43 ft						
						Sand Pack: 41-53 ft						
						Sand Choke: 38-41 ft						
						Grout: 0-38 ft						
No samples taken from 0-43 ft. Descriptions taken from SB915-MW-89BR.												

O'BRIEN & GERE ENGINEERS, INC.						SOIL BORING LOG		REPORT OF BORING SB915-MW-89S			
Client: Honeywell						Sampler: 2" Split Spoon		Location: SCA			
Proj. Loc: Wastebed 13 SCA Camillus, NY						Hammer: 140-lb drop		Start Date: 2/14/2011			
File No.: 1163/46698						Fall: 30"		End Date: 2/14/2011			
Boring Company: Parrat-Wolff						Screen		Grout			
Foreman: Joe Percy						Riser		Sand Pack			
OBG Geologist: Nate Vogan								Sand Choke			
Depth Below Grade	No.	Depth (feet)	Blows /6"	Penetr/ Recovery (in ft)	"N" Value	Sample Description	Stratum Change General Descript	Equip. Installed	Field Testing		
									PID (ppm)	Time	
0	1	2	5-8-8-9	2.0/1.8	16	0-1.8 Very stiff, dry, Moderate Brown (5YR 3/4) SILT matrix supporting m-c sand and f-m gravel	Fill	\	\	0.0	925
2	2	4	9-12-5-6	2.0/1.8	17	0-0.8 SAA. 0.8-1.8 Medium, dry, Grayish Brown (5YR 3/2) SILT, trace f sand.	4'	\	\	0.0	930
4	3	6	7-7-8-6	2.0/0.5	15	0-0.5 Stiff, dry, Moderate Brown (5YR 3/4) SILT, some clay, moderately cohesive	Silt, some Clay	\	\	0.0	1015
6	4	8	7-8-9-9	2.0/0.8	17	0-0.8 SAA, slight decrease in clay content		\	\	0.0	1017
8	5	10	8-7-6-5	2.0/1.3	13	0-1.3 SAA, trace clay content	Silt	\	\	0.0	1020
10	6	12	3-3-3-3	2.0/1.3	6	0-1.3 SAA		\	\	0.0	1037
12	7	14	3-4-5-5	2.0/1.5	9	0-1.5 SAA		\	\	0.0	1040
14	8	16	8-9-4-5	2.0/0.4	13	0-0.4 SAA, wet		\	\	0.0	1056
16	9	18	4-5-7-8	2.0/1.5	12	0-1.5 SAA, little f sand		\	\	0.0	1058
18	10	20	3-3-4-6	2.0/2.0	7	0-2.0 SAA	20'	\	\	0.0	1102
20	11	22	9-18-28-30	2.0/1.3	46	0-0.3 SAA, some f sand. 0.3-0.5 Medium, wet, Brownish Gray (5YR 4/1)f-m SAND, little silt, few m-c subrounded gravel. 0.5-1.3 stiff, wet, Light Olive Gray (5Y 6/1) and Moderate Brown (5YR 4/1), SILT matrix, little f-m sand, few f-m angular gravel	Silt, fm Sand, Gravel	\	\	0.0	1115
22	2	24	28-33-50/0.5	2.0/1.0	>83	Loose, dry to moist, moderate yellowish brown (10Y 5/4), little silt and crushed stone, all sluff material.		=	\	0.0	NA
24	3	26	26-18-24-22	2.0/0.7	42	SAA, sluff.		=	\	0.0	NA
26	4	28	10-8-7-6	2.0/1.0	15	Wet, medium dense, light brownish gray (5YR 6/1) to greenish gray (5GY 6/1), m-c sand, some fine rounded gravel.	Sand & Gravel	=	\	0.0	NA
28	5	30	9-8-5-5	2.0/1.0	13	Wet, dense, light brownish gray (5YR 6/1) to greenish gray (5GY 6/1), silt, some fine sand, trace coarse gravel.		=	\	0.0	NA
30	6	32	5-8-5-5	2.0/1.1	13	Wet, medium dense to loose, light brownish gray (5YR 6/1) to greenish gray (5GY 6/1), m-c sand, some fine rounded gravel, little silt.		=	\	0.0	NA
						End of boring at 32 ft bgs					
						Well construction details:					
						Screen: 22-32 ft					
						Riser: +2-22 ft					
						Sand pack: 20-32 ft					
						Sand choke: 17-20 ft					
						Grout: 0-17 ft					

No samples taken from 0-22 ft. Descriptions taken from SB915-MW-89BR.

O'BRIEN & GERE ENGINEERS, INC.						<u>SOIL BORING LOG</u>		REPORT OF BORING SB915-MW-90BR			
Client: Honeywell						Sampler: 2-3" Split Spoon		Location: SCA			
Proj. Loc: Wastedbed 13 SCA Camillus, NY						Hammer: 140-lb drop		Start Date: 10/18/2010			
File No.: 1163/46698						Fall: 30"		End Date: 11/3/2010			
Boring Company: GeoLogic, Inc.						Screen		Grout			
Foreman: David Lyons/Steve Laramie/Scott Breeds						Riser		Sand Pack			
OBG Geologist: Paul Freyer/C. Yuri Veliz/Nate Vogan								Sand Choke			
Depth Below Grade	No.	Depth (feet)	Blows /6"	Penetr/ Recovery (in ft)	"N" Value	Sample Description	Stratum Change		Field Testing		
							General Descript	Equip. Installed	PID (ppm)	Time	
0	1	2	9-13-18-30*	2.0/2.0	31*	0-0.4 Dark yellowish brown (10YR 4/2), damp, med. dense f-m SAND and SILT, some subangular to subrounded gravel, trace roots and plant fragment decreasing w/ depth. 0.4-2.0 Yellowish brown (10YR 5/2), damp, dense, well graded, f-m SAND, some silt and f-m gravel, little coarse gravel.	FMC Sand	\	\	0.2	1148
2	2	4	30-49-28-23*	2.0/1.5	77*	0-1.1 Yellowish brown (10YR 5/2), damp to dry, very dense, well graded f-m SAND, some silt and f sand, some f-m gravel, trace c gravel. 1.1-1.5 Brownish gray (5YR 4/1), damp, very dense, well graded SILT and F SAND matrix supporting some c sand and f-m gravel, trace c gravel.		\	\	0.1	1153
4	3	5.5	11-17-21*	1.5/1.2	NA*	0-0.4 SAA. 0.4-1.2 Yellowish brown (10YR 5/2), dry, dense, well-graded, f-m SAND, some f-m gravel, little silt and c sand, trace c gravel.		\	\	0.1	1401
5.5	4	7	9-11-13*	1.5/1.4	NA*	0-1.4 Yellowish brown (10YR 5/2), med. dense, well graded, f-m SAND, little m-f gravel, silt and coarse sand, trace c gravel.		\	\	0.0	1406
7	5	9	19-12-21-18*	2.0/1.6	33*	0-1.6 Yellowish brown (10YR 5/2) w/ fine pale olive (10Y 6/2) and dark reddish brown (10R 3/4) flecks common, damp, dense, well graded, f-m-c SAND, some f-m angular to subrounded gravel, little to some silt, trace c gravel.		\	\	0.0	1456
9	6	11	15-19-21-21*	2.0/1.6	40*	0-1.6 SAA.		\	\	0.0	1517
11	7	13	14-16-19-22*	2.0/1.7	35*	0-1.7 Yellowish brown (10YR 5/2) w/ fine pale olive (10Y 6/2) and dark reddish brown (10R 3/4) flecks common, damp, dense, well graded, f-m-c SAND, some angular to subrounded f-m gravel, little silt, trace c gravel, shale fragments.		\	\	0.0	1524
13	8	15	18-20-19-16*	2.0/1.65	39*	0-1.65 SAA, saturated.		\	\		10/19/10
15	9	17	21-18-14-12*	2.0/1.5	32*	0-1.5 SAA, damp.		\	\	0.0	0935
17	10	19	10-8-10-9*	2.0/1.5	18*	0-1.5 SAA, damp.		\	\	0.0	0950

* Denotes the use of a three in. split spoon, subsequent "N-value" is not a true "N-value" but a sum of the blows for the middle 12 in of a sampling interval.

+ Sampler was driven 18" to prevent over packing within the HSA. HSA (3 7/8") to 7' bg.

O'BRIEN & GERE ENGINEERS, INC.						SOIL BORING LOG		REPORT OF BORING SB915-MW-90BR			
Client: Honeywell						Sampler: 2-3" Split Spoon		Location: SCA			
Proj. Loc: Wastedbed 13 SCA Camillus, NY						Hammer: 140-lb drop		Start Date: 10/18/2010			
File No.: 1163/46698						Fall: 30"		End Date: 11/3/2010			
Boring Company: GeoLogic, Inc.						Screen Riser		Grout			
Foreman: David Lyons/Steve Laramie/Scott Breeds								Sand Pack			
OBG Geologist: Paul Freyer/C. Yuri Veliz/Nate Vogan								Sand Choke			
Depth Below Grade	No.	Depth (feet)	Blows /6"	Penetr/ Recovery (in ft)	"N" Value	Sample Description	Stratum Change			Field Testing	
							General Descript	Equip. Installed		PID (ppm)	Time
19	11	21	11-8-8-9*	2.0/1.25	16*	0-1.25 SAA, trace f-m-c gravel, damp.		\	\	0.0	1030
21	12	23	10-8-8-9*	2.0/1.25	16*	0-1.25 SAA, trace f-m-c gravel, damp.		\	\	0.0	1038
23	13	25	15-13-18-22*	2.0/1.4	31*	0-1.4 Yellowish brown (10YR 5/2) w/ pale olive (10Y 6/2) and dark reddish brown (10R 3/4) flecks common, damp, dense f-m-c sand, some angular to subrounded f-m gravel and silt, trace c gravel, shale fragments.	FMC Sand	\	\	0.0	1114
25	14	27	20-11-14-20*	2.0/1.3	25*	0-1.3 Pale olive (10Y 6/2) w/ dark reddish brown (10R 3/4), fewer flecks, saturated, dense, c sand and f-m subrounded gravel, little silt, trace c gravel, shale fragments.	C Sand FM Gravel	\	\	0.0	1149
27	15	29	10-14-10-9*	2.0/1.3	24*	0-1.3 SAA.		\	\	0.0	1159
29	16	31	23-12-16-19*	2.0/1.3	28*	0-1.3 Dark yellowish brown (10YR 4/2) and pale olive (10Y 6/2), saturated, dense m-c		\	\	0.0	1320
31	17	33	18-14-8-9*	2.0/1.5	22*	0-1.5 Pale olive (10Y 6/2), wet, med. dense, c SAND and f-m subrounded gravel, some f-m sand and little silt, shale fragments.	MC Sand FM Gravel	\	\	0.0	1328
33	18	35	41-21-17-20*	2.0/1.3	38*	0-1.3 Greenish black (5G 2/1), damp to wet, dense f-m GRAVEL, some c sand, little f-m sand and silt, trace c gravel.	FM Gravel	\	\	0.0	1410
35	19	37	14-23-22-21*	2.0/1.4	45*	0-1.4 Greenish black (5G 2/1), wet, dense, f-m subrounded GRAVEL, some c sand and little f-m sand and silt, trace c gravel, shale fragments.		\	\	0.0	1450
37	20	39	21-47-43-29*	2.0/1.8	50*	0-1.8 SAA, wet to saturated, very dense, some pockets of cemented c sand and f-m gravel.		\	\	0.7	1500
39	21	41	105-70-62-47*	2.0/1.5	132*	0-1.5 SAA, wet, very dense.		\	\	0.0	1600
41	22	43	30-45-28-20*	2.0/1.5	73*	0-1.5 SAA.		\	\	0.0	1615
43	23	45	45-19-13-14*	2.0/1.4	32*	0-1.4 Dark greenish gray (5GY 4/1), wet, dense, f-m GRAVEL some silt, little f-m-c sand, trace c gravel, shale fragments, few flecks.		\	\	0.0	10/20/10 0940
45	24	47	17-25-22-15*	2.0/1.4	47*	0-1.4 SAA.		\	\	0.0	1019
47	25	49	15-12-12-12*	2.0/1.8	24*	0-1.8 SAA.		\	\	0.0	1025

* Denotes the use of a Three in. split spoon, subsequent "N-value" is not a true "N-value" but a sum of the blows for the middle 12 in of a sampling interval.

O'BRIEN & GERE ENGINEERS, INC.						SOIL BORING LOG		REPORT OF BORING SB915-MW-90BR			
Client: Honeywell						Sampler: 2-3" Split Spoon		Location: SCA			
Proj. Loc: Wastedbed 13 SCA Camillus, NY						Hammer: 140-lb drop		Start Date: 10/18/2010			
File No.: 1163/46698						Fall: 30"		End Date: 11/3/2010			
Boring Company: GeoLogic, Inc.						Screen Riser		Grout			
Foreman: David Lyons/Steve Laramie/Scott Breeds								Sand Pack			
OBG Geologist: Paul Freyer/C. Yuri Veliz/Nate Vogan								Sand Choke			
Depth Below Grade	No.	Depth (feet)	Blows /6"	Penetr/ Recovery (in ft)	"N" Value	Sample Description	Stratum Change		Field Testing		
							General Descript	Equip. Installed	PID (ppm)	Time	
49	26	51	13-9-9-8*	2.0/1.6	18*	0-1.6 Dark greenish gray (5GY 4/1), med. dense, saturated, f-m GRAVEL, some m-c sand, silt, little f sand, trace c gravel, shale fragments, few flecks.		\	\	0.0	1118
51	27	53	8-9-11-26*	2.0/1.8	20*	0-1.8 Dark greenish gray (5GY 4/1), med. dense, saturated, f GRAVEL and c sand, some f-m sand and silt, little m-c gravel, trace c gravel, shale fragments, few flecks.	F Gravel C Sand	\	\	0.0	1125
53	28	55	150/0.4*	2.0/0.2	>150*	Shale fragment. Roller bit to 55' bg.		\	\	0.0	1320
55	29	57	100/0.4*	2.0/0.0	>100*	No recovery. Roller bit to 57' bg.		\	\	-	1330
57	30	59	74/0.5*	2.0/0.2	>74*	Fragments of cemented SAND and GRAVEL particles of shale, quartzite. Roller bit to 59 ft bgs.	cemented sand and gravel	\	\	-	1445
59	31	61	118/0.5**	2.0/0.2	>118**	Fragments of cemented SAND and GRAVEL with loose f gravel and c sand. Roller bit to 63 ft bgs.		\	\	0.0	1645
63	32	65	22-25-27-24	2.0/1.5	52	0-1.5 Olive gray (5Y4/1), saturated, med. dense f-m SAND, some c sand, little silt, trace m-c gravel.	FM Sand	\	\	0.0	10/21/10 940
65	33	67	32-42-36-32	2.0/1.5	78	0-1.5 Olive gray (5Y4/1), saturated, dense, c SAND and f GRAVEL, some f-m sand, little silt, trace m gravel.	C Sand F Gravel	\	\	0.0	1500
67	34	69	57-54-50/0.3	1.3/1.3	104	0-1.3 SAA, wet.		\	\	0.0	1510
69	35	71	35-50/0.2	0.7/0.6	>50	0-0.6 Pale olive (10Y 6/2) and dark reddish brown (10R 3/4), wet, dense f SAND and SILT, little c sand and clay, trace f gravel.	F Sand Silt	\	\	0.0	1630
71	36	73	100/0.1	0.1/0.0	>100	No recovery. Roller bit to 73 ft bgs.		\	\		10/22/10 0840
73	37	75	235/0.5	0.5/0.4	>235	0-0.4 Brownish gray (5YR 4/1), saturated, dense m GRAVEL, some f gravel and f-m sand, little silt, shale fragments.		\	\	0.0	0910
75	38	77	75-69-33-35	2.0/1.5	102	0-1.5 Grayish olive (10Y 4/2), saturated, very dense, m angular GRAVEL, some silt and f-m sand.	M Gravel	\	\	0.0	1030
77	39	79	30-90-70-55	2.0/1.5	160	0-1.5 Grayish olive (10Y 4/2), wet, dense, m-c angular GRAVEL, some silt and clay, little f-m sand.		\	\	0.0	1330
79	40	81	39-34-50-35	2.0/1.5	94	0-1.5 Pale brown (5YR 5/2), saturated, very dense, f-m GRAVEL, some m-c sand and silt, little c gravel, shale fragments.	FM Gravel	\	\	0.0	1200
81	41	83	50/0.1	0.1/0.0	>50	No recovery. Roller bit to 83 ft bgs.		\	\		1215

* Three inch spoon

** Switch to Two inch spoon, casing diameter reduction from 4 in. to 3 in.

O'BRIEN & GERE ENGINEERS, INC.						SOIL BORING LOG		REPORT OF BORING SB915-MW-90BR			
Client: Honeywell						Sampler: 2-3" Split Spoon		Location: SCA			
Proj. Loc: Wastedbed 13 SCA Camillus, NY						Hammer: 140-lb drop		Start Date: 10/18/2010			
File No.: 1163/46698						Fall: 30"		End Date: 11/3/2010			
Boring Company: GeoLogic, Inc.						Screen Riser		Grout Sand Pack Sand Choke			
Foreman: David Lyons/Steve Laramie/Scott Breeds											
OBG Geologist: Paul Freyer/C. Yuri Veliz/Nate Vogan											
Depth Below Grade	No.	Depth (feet)	Blows /6"	Penetr/ Recovery (in ft)	"N" Value	Sample Description	Stratum Change General Descript	Field Testing			
								Equip. Installed	PID (ppm)	Time	
83	42	85	100/0.5	0.5/0.5	>100	0-0.5 Olive gray (5Y 4/1), wet, dense f-m SAND and SILT, some c sand, little f-m gravel.	FM Sand Silt	\	\	0.0	1355
85	43	87	100/0.4	0.4/0.3	>100	0-0.3 Dark reddish brown (10R 3/4), hard, shale fragment and pale brown (5YR 5/2), wet, dense, f-m SAND and SILT		\	\	0.0	1445
87	44	89	100/0.2	0.2/0.2	>100	0-0.2 Olive gray (5Y 4/1), wet, dense f-m GRAVEL, some f-m-c sand, little silt. Roller bit to 90 ft bgs.		\	\	0.0	1530
90	45	92	19-40-41-21	2.0/1.5	81	0-1.0 Grayish olive (10Y 4/2), wet, dense f-m GRAVEL, some m-c sand, little silt and f sand. 1.0-1.5 Grayish olive (10Y 4/2), damp, dense, shale fragments.		\	\	0.0	1630
92	46	94	20-38-43-35	2.0/1.2	81	0-1.2 Grayish olive (10Y 4/2), wet, dense f-m GRAVEL, some silt, m-c sand, trace c gravel, shale fragments.	FM Gravel	\	\	0.0	11/3/10 1010
94	47	96	44-34-32-40	2.0/1.3	66	0-1.3 SAA, no odor noticed.		\	\	9.7	1114
96	48	98	32-30-32-30	2.0/1.5	62	0-1.5 SAA, moist, few red mottling last 0.5 ft bgs.		\	\	1.3	1125
98	49	100	30-32-28-40	2.0/1.3	60	0-1.3 SAA, damp to moist.	101.5'	\	\	0.0	1320
100	50	102	37-35-30-42	2.0/1.4	65	0-1.0 SAA, damp to moist. 1.0-1.4 Dark reddish brown (10R 3/4), dry to damp, very hard, SILT, some f sand, little f. gravel (matrix supported gravel).	Till	\	\	0.0	1407
102	51	104	28-39-55-43	2.0/0.8	94	0-0.8 Dark reddish brown (10R 3/4), damp, very hard SILT, some clay and f sand, little f gravel (matrix supported gravel).		\	\	0.0	1535
104	52	104.9	58-100/0.4	0.9/0.8	>100	0-0.8 SAA.		\	\	0.0	1600
107	53	109	NA**	2.0/1.2	NA**	Drill to 107 to install 5" casing, no samples 104.9-107. Resume sampling at 107. 0-1.2 Very hard, moist, dark reddish brown (10R 3/4), silt, some clay marix supporting little f-m angular gravel and m-c sand, rew m-c angular gravel.	112.5'	\	\		1/19/11 1400
109	54	114	NA**	5.0/4.5	NA**	0-3.5 SAA. 3.5-4.5 Dark greenish gray (5G 4/1) shale, highly weathered zone 3.6-4.1. Drilled to 116.5, 4 in steel casing installed to 116.5. Start bedrock coring through 4 in steel casing. See core log for descriptions.	Bedrock	\	\		1500
116	55	118	NA**	NA	NA**	Shale					
118	56	120	NA**	NA	NA**	Shale					

** HQ Core Barrel

O'BRIEN & GERE ENGINEERS, INC.						SOIL BORING LOG		REPORT OF BORING SB915-MW-90BR			
Client: Honeywell						Sampler: 2-3" Split Spoon		Location: SCA			
Proj. Loc: Wastedbed 13 SCA Camillus, NY						Hammer: 140-lb drop		Start Date: 10/18/2010			
File No.: 1163/46698						Fall: 30"		End Date: 11/3/2010			
Boring Company: GeoLogic, Inc.						Screen Riser		Grout Sand Pack Sand Choke			
Foreman: David Lyons/Steve Laramie/Scott Breeds											
OBG Geologist: Paul Freyer/C. Yuri Veliz/Nate Vogan											
Depth						Stratum Change		Field Testing			
Below Grade	No.	Depth (feet)	Blows /6"	Penetr/ Recovery (in ft)	"N" Value	Sample Description		General Descript	Equip. Installed	PID (ppm)	Time
120	57	122	NA**	NA	NA**	Shale			=		
122	58	124	NA**	NA	NA**	Shale			=		
124	59	126	NA**	NA	NA**	Shale			=		
126	60	128	NA**	NA	NA**	Shale			=		
128	61	129.5	NA**	NA	NA**	Shale			=		
End of Boring at 129.5 ft bgs											
Well Installation Details:											
Screen (10 slot) 119.5-129.5 ft											
Riser: +2-119.5 ft											
Sand Pack: 117.5-129.5 ft											
Sand Choke: 114.5-117.5 ft											
Grout: 0-114.5 ft											

** HQ Core Barrel

Formation Member	Unit	Run No.	Pen. Rate (min. per foot)	Depth Scale	Lithologic Description (include in order: ROCK TYPE, color, grain size, texture, bedding, fracture & minerals.)	Core Recovery		RQD
		Depth		Length		Percent		
		1 116 - 121.5	13:47 12 14:47	116 122	SHALE; greenish gray (5G 6/1); fine grained silt and clay, fissle, horizontal thinly bedded, extremely fractured; gypsum and iron staining. Lost 50 gallons water.	4.6	92%	0%
		2 121.5 - 125.5	15:15 	 126	SHALE; greenish gray (5G 6/1) with medium dark gray (N4) after 124.6; fine grained, silt and clay sized, fissle, horizontal thin bedding; extremely fractured 121.5-123.4, some clay in fractures; gypsum rich zones 123.9-125.5; becoming more competent with depth. Lost 50 gallons water.	3.9	98%	23%
		3 125.5 - 129.5	8:55 9:43	 12 130	SHALE; medium dark gray (N4) becoming greenish gray (5G 6/1) at 126.4, fine (silt and clay) grained, fissle, horizontal thin bedding; extremely fractured 127.3-127.5 and 127.9-128.1; iron staining in fractures, gypsum zones 125.5-126, 127.7, 128.3.	4	100%	53%
					End of core hole at 129.5 See boring log for well construction details.			

O'BRIEN & GERE ENGINEERS, INC.						SOIL BORING LOG		REPORT OF BORING SB915-MW-90I			
Client: Honeywell						Sampler: 2-3" Split Spoon		Location: SCA			
Proj. Loc: Wastedbed 13 SCA Camillus, NY						Hammer: Auto		Start Date: 2/7/2011			
File No.: 1163/46698						Fall: NA		End Date: 2/7/2011			
Boring Company: Parratt-Wolff						Screen		Grout			
Foreman: Markel Chapman						Riser		Sand Pack			
OBG Geologist: Robert Trent								Sand Choke			
Depth Below Grade	No.	Depth (feet)	Blows /6"	Penetr/ Recovery (in ft)	"N" Value	Sample Description	Stratum Change		Field Testing		
							General Descript	Equip. Installed	PID (ppm)	Time	
0	1	2	9-13-18-30*	2.0/2.0	31*	0-0.4 Dark yellowish brown (10YR 4/2), damp, med. dense f-m SAND and SILT, some subangular to subrounded gravel, trace roots and plant fragment decreasing w/ depth. 0.4-2.0 Yellowish brown (10YR 5/2), damp, dense, well graded, f-m SAND, some silt and f-m gravel, little coarse gravel.	FMC Sand	\	\	0.2	1148
2	2	4	30-49-28-23*	2.0/1.5	77*	0-1.1 Yellowish brown (10YR 5/2), damp to dry, very dense, well graded f-m SAND, some silt and f sand, some f-m gravel, trace c gravel. 1.1-1.5 Brownish gray (5YR 4/1), damp, very dense, well graded SILT and F SAND matrix supporting some c sand and f-m gravel, trace c gravel.		\	\	0.1	1153
4	3	5.5	11-17-21*	1.5/1.2	NA*	0-0.4 SAA. 0.4-1.2 Yellowish brown (10YR 5/2), dry, dense, well-graded, f-m SAND, some f-m gravel, little silt and c sand, trace c gravel.		\	\	0.1	1401
5.5	4	7	9-11-13*	1.5/1.4	NA*	0-1.4 Yellowish brown (10YR 5/2), med. dense, well graded, f-m SAND, little m-f gravel, silt and coarse sand, trace c gravel. Sampler was driven 18" to prevent over packing within the HSA. HSA (3 7/8") to 7' bg.		\	\	0.0	1406
7	5	9	19-12-21-18*	2.0/1.6	33*	0-1.6 Yellowish brown (10YR 5/2) w/ fine pale olive (10Y 6/2) and dark reddish brown (10R 3/4) flecks common, damp, dense, well graded, f-m-c SAND, some f-m angular to subrounded gravel, little to some silt, trace c gravel.		\	\	0.0	1456
9	6	11	15-19-21-21*	2.0/1.6	40*	0-1.6 SAA.		\	\	0.0	1517
11	7	13	14-16-19-22*	2.0/1.7	35*	0-1.7 Yellowish brown (10YR 5/2) w/ fine pale olive (10Y 6/2) and dark reddish brown (10R 3/4) flecks common, damp, dense, well graded, f-m-c SAND, some angular to subrounded f-m gravel, little silt, trace c gravel, shale fragments.		\	\	0.0	1524
13	8	15	18-20-19-16*	2.0/1.65	39*	0-1.65 SAA, saturated.		\	\		10/19/10
15	9	17	21-18-14-12*	2.0/1.5	32*	0-1.5 SAA, damp.		\	\	0.0	0935

* Denotes the use of a Three in. split spoon, subsequent "N-value" is not a true "N-value" but a sum of the blows for the middle 12 in of a sampling interval. No samples taken from 0-42 ft. Descriptions taken from SB915-MW-90BR.

O'BRIEN & GERE ENGINEERS, INC.						SOIL BORING LOG		REPORT OF BORING SB915-MW-90I			
Client: Honeywell						Sampler: 2-3" Split Spoon		Location: SCA			
Proj. Loc: Wastedbed 13 SCA Camillus, NY						Hammer: Auto		Start Date: 2/7/2011			
File No.: 1163/46698						Fall: NA		End Date: 2/7/2011			
Boring Company: Parratt-Wolff						Screen		Grout			
Foreman: Markel Chapman						Riser		Sand Pack			
OBG Geologist: Robert Trent								Sand Choke			
Depth						Stratum	Field				
Below		Depth	Blows	Penetr/	"N"	Change	Testing				
Grade	No.	(feet)	/6"	(in ft)	Value	General	Equip.	PID	Time		
						Descript	Installed	(ppm)			
17	10	19	10-8-10-9*	2.0/1.5	18*		\		0.0	0950	
19	11	21	11-8-8-9*	2.0/1.25	16*		\		0.0	1030	
21	12	23	10-8-8-9*	2.0/1.25	16*		\		0.0	1038	
23	13	25	15-13-18-22*	2.0/1.4	31*	FMC Sand	\		0.0	1114	
25	14	27	20-11-14-20*	2.0/1.3	25*	C Sand FM Gravel	\		0.0	1149	
27	15	29	10-14-10-9*	2.0/1.3	24*		\		0.0	1159	
29	16	31	23-12-16-19*	2.0/1.3	28*	MC Sand FM Gravel	\		0.0	1320	
31	17	33	18-14-8-9*	2.0/1.5	22*		\		0.0	1328	
33	18	35	41-21-17-20*	2.0/1.3	38*	FM Gravel	\		0.0	1410	
35	19	37	14-23-22-21*	2.0/1.4	45*		\		0.0	1450	
37	20	39	21-47-43-29*	2.0/1.8	50*				0.7	1500	
39	21	41	105-70-62-47*	2.0/1.5	132*				0.0	1600	
42	2	44	NA	2.0/0.4	NA	Sand and Gravel	=		0.0	2/7/11 1100	
44	3	46	NA	2.0/0.8	NA	SAA	=		0.0	1105	
46	4	48	NA	2.0/1.0	NA	SAA	=		0.0	1120	
48	5	50	NA	2.0/1.0	NA	SAA	=		0.0	1125	
50	6	52	NA	2.0/1.0	NA	SAA	=		0.0	1140	
						End of Boring at 52 ft. bgs					

* Denotes the use of a Three inch spoon, subsequent Where the blow counts are NA and the N value is NA an auto hammer was used. No samples taken from 0-42 ft. Descriptions taken from SB915-MW-90BR.

Well construction details: Screen (10 slot) - 42-52 ft, Riser - +2-42 ft, Sand Pack - 40-52 ft, Sand Choke - 37-40 ft, Grout - 0-37 ft

O'BRIEN & GERE ENGINEERS, INC.						SOIL BORING LOG		REPORT OF BORING SB915-MW-90S			
Client: Honeywell						Sampler: 2" Split Spoon		Location: Wastedbed 13			
Proj. Loc: Settling Basins 9-15 Camillus, NY						Hammer: 140-lb drop		Start Date: 7/13/2011			
File No.: 1163/46698						Fall: 30"		End Date: 7/14/2011			
Boring Company: Parratt-Wolff						Screen		Grout			
Foreman: Layne Pech						Riser		Sand Pack			
OBG Geologist: Jonathan Bone								Sand Choke			
Depth Below Grade	No.	Depth (feet)	Blows /6"	Penetr/ Recovery (in ft)	"N" Value	Sample Description	Stratum Change General Descript	Field Testing		Field Testing	
										Equip. Installed	PID (ppm)
0	1	2	9-13-18-30*	2.0/2.0	31*	0-0.4 Dark yellowish brown (10YR 4/2), damp, med. dense f-m SAND and SILT, some subangular to subrounded gravel, trace roots and plant fragment decreasing w/ depth. 0.4-2.0 Yellowish brown (10YR 5/2), damp, dense, well graded, f-m SAND, some silt and f-m gravel, little coarse gravel.	FMC Sand	\	\	0.2	1148
2	2	4	30-49-28-23*	2.0/1.5	77*	0-1.1 Yellowish brown (10YR 5/2), damp to dry, very dense, well graded f-m SAND, some silt and f sand, some f-m gravel, trace c gravel. 1.1-1.5 Brownish gray (5YR 4/1), damp, very dense, well graded SILT and F SAND matrix supporting some c sand and f-m gravel, trace c gravel.		\	\	0.1	1153
4	3	5.5	11-17-21*	1.5/1.2	NA*	0-0.4 SAA. 0.4-1.2 Yellowish brown (10YR 5/2), dry, dense, well-graded, f-m SAND, some f-m gravel, little silt and c sand, trace c gravel.		\	\	0.1	1401
5.5	4	7	9-11-13*	1.5/1.4	NA*	0-1.4 Yellowish brown (10YR 5/2), med. dense, well graded, f-m SAND, little m-f gravel, silt and coarse sand, trace c gravel. Sampler was driven 18" to prevent over packing within the HSA. HSA (3 7/8") to 7' bg.		\	\	0.0	1406
7	5	9	19-12-21-18*	2.0/1.6	33*	0-1.6 Yellowish brown (10YR 5/2) w/ fine pale olive (10Y 6/2) and dark reddish brown (10R 3/4) flecks common, damp, dense, well graded, f-m-c SAND, some f-m angular to subrounded gravel, little to some silt, trace c gravel.		\	\	0.0	1456
9	6	11	15-19-21-21*	2.0/1.6	40*	0-1.6 SAA.		\	\	0.0	1517
11	7	13	14-16-19-22*	2.0/1.7	35*	0-1.7 Yellowish brown (10YR 5/2) w/ fine pale olive (10Y 6/2) and dark reddish brown (10R 3/4) flecks common, damp, dense, well graded, f-m-c SAND, some angular to subrounded f-m gravel, little silt, trace c gravel, shale fragments.		\	\	0.0	1524
13	8	15	18-20-19-16*	2.0/1.65	39*	0-1.65 SAA, saturated.		\	\	0.0	10/19/10
15	9	17	21-18-14-12*	2.0/1.5	32*	0-1.5 SAA, damp.		\	\	0.0	0935
17	10	19	10-8-10-9*	2.0/1.5	18*	0-1.5 SAA, damp.		\	\	0.0	0950
19	11	21	11-8-8-9*	2.0/1.25	16*	0-1.25 SAA, trace f-m-c gravel, damp.		\	\	0.0	1030

* Denotes the use of a Three in. split spoon, subsequent "N-value" is not a true "N-value" but a sum of the blows for the middle 12 in of a sampling interval. No samples taken from 0-42 ft. Descriptions from 0-21 ft taken from SB915-MW-90BR.

O'BRIEN & GERE ENGINEERS, INC.						SOIL BORING LOG		REPORT OF BORING SB915-MW-90S			
Client: Honeywell						Sampler: 2" Split Spoon		Location: Wastedbed 13			
Proj. Loc: Settling Basins 9-15 Camillus, NY						Hammer: 140-lb drop		Start Date: 7/13/2011			
File No.: 1163/46698						Fall: 30"		End Date: 7/14/2011			
Boring Company: Parratt-Wolff						Screen =		Grout			
Foreman: Layne Pech						Riser		Sand Pack			
OBG Geologist: Jonathan Bone								Sand Choke			
Depth Below Grade	No.	Depth (feet)	Blows /6"	Penetr/ Recovery (in ft)	"N" Value	Sample Description	Stratum Change General Descript	Equip. Installed	Field Testing PID (ppm)		Time
20	11	22	4-4-4-4	2.0/1.5	8	0-1.5 loose, dry, dark yellowish brown (10YR 4/2) with fine to medium sand grain size fleck of greenish gray (5GY 6/1) and dusky red(5R 3/4) fine medium and coarse sand, little small rounded gravel in the silt	Sand and gravel			0.0	7/13/11 1428
22	12	24	3-4-4-4	2.0/1.5	8	0-1.5 Same as above, slight increase in small to medium gravel, wet-saturated at about 23.5' bgs		=		0.0	1430
24	13	26	8-8-5-8	2.0/1.5	13	0-1.5 Same as above, saturated, little large angular gravel, slight increase in silt		=		0.0	1445
26	14	28	8-10-8-8	2.0/1.5	18	0-1.5 Same as above, intervals (0.1') of matrix supported silt	Sand, gravel, Silt	=		0.0	1454
28	15	30	3-8-5-6	2.0/0.5	13	0-0.5 loose, saturated, dark gray (N3) medium to coarse sand and medium to large angular gravel little fine sand, trace silt		=		0.0	1512
30	16	32	5-6-5-5	2.0/1.5	11	0-1.5 Same as above, subrounded gravel		=		0.0	1515
						End of boring 32' bgs					
						Well Construction (bgs)					
						Screen: 22-32 ft					
						Riser: +2.5-22 ft					
						#0 Sand: 20-22 ft					
						#00 Sand: 18-20 ft					
						Grout: 0-18 ft					
Descriptions from 0-21 ft taken from SB915-MW-90BR											

O'BRIEN & GERE ENGINEERS, INC.						<u>SOIL BORING LOG</u>		REPORT OF BORING SB915-MW-91BR			
Client: Honeywell						Sampler: 2" Split Spoon		Location: SCA			
Proj. Loc: Wastedbed 13 SCA Camillus, NY						Hammer: 140-lb drop		Start Date: 10/25/2010			
File No.: 1163/46698						Fall: 30"		End Date: 2/28/2011			
Boring Company: GeoLogic, Inc.						Screen		=		Grout	
Foreman: Scott Breeds						Riser		=		Sand Pack	
OBG Geologist: Paul Freyer, Yuri Veliz, Jon Bone								=		Sand Choke	
Depth Below Grade	No.	Depth (feet)	Blows /6"	Penetr/ Recovery (in ft)	"N" Value	Sample Description	Stratum Change		Field Testing		
							General Descript	Equip. Installed	PID (ppm)	Time	
0	1	2	2-3-9-10	2/1.75	12	0-0.1 Dark yellowish brown (10YR 4/2), dry, loose f-m SAND sized particle plavit matter. 0.1-1.0 Grayish orange (10YR 7/4), dry, loose, f-m SAND sized particles. 1.1-1.7 Light gray (N7), dry, med. dense f-m SAND sized particles, partially cemented.	Solvay Waste			0.0	1222
2	2	4	32-50/0.4	0.9/0.9	>50	0-0.9 Light gray (N7), dry, very dense, f-m SAND sized particle cemented in silt matrix.		\	\	0.0	1224
4	3	6	25-27-30-32	2/1.2	57	0-1.2 Dark gray (N3) and very light gray (N8), dry, very dense f-m SAND sized particle cemented in silt matrix.		\	\	0.0	1312
6	4	8	27-10-7-10	2/1.2	17	0-1.2 SAA		\	\	0.0	1316
8	5	10	10-17-7-4	2/1.3	24	0-1.1 Pale yellowish brown (10YR 6/2), wet, dense, f-m SAND sized particles in silt matrix. 1.1-1.3 Dark gray (N3), moist, dense, SILT and f sand sized particles.		\	\	0.0	1350
10	6	12	WH-WH-1-1	2/0.5	1	0-0.5 Med. light gray (N6), saturated, very soft SILT sized particles.		\	\	0.0	1435
12	7	14	10-17-6-7	2/1.3	23	0-1.3 Pale yellowish brown (10YR 6/2), damp to moist, hard, SILT sized particles, some sand sized particles.		\	\	0.0	1440
14	8	16	7-11-5-6	2/1.2	16	0-1.2 Pale yellowish brown (10YR 6/2), moist to wet, stiff to hard, SILT sized particles with thin layers of f-m sand sized particles.		\	\	0.0	1300
16	9	18	10-1-1-3	2/0.5	2	0-0.5 Pale yellowish brown (10YR 6/2) and med dark gray (N4), moist, dense, f-m SAND sized particles with layers of silt sized particles		\	\	0.0	1515
18	10	20	2-12-9-8	2.0/1.2	21	0.0-0.6 Med. dark gray (N4), wet, soft SILT sized particles. 0.6-1.2 Pale yellowish brown (10YR 6/2), damp, dense, f-m SAND sized particles.		\	\	0.0	1524
20	11	22	2-3-18-10	2.0/1.7	21	0-1.0 Med. dark gray (N4), wet, soft to firm, SILT sized particles. 1.0-1.7 Pale yellowish brown (10YR 6/2), damp to wet, f-m SAND sized particles.		\	\	0.0	1535
22	12	24	5-10-2-3	2.0/0.8	12	0-0.8 Pale yellowish brown (10YR 6/2) and greenish gray (5G 6/1), saturated, med dense, f-m SAND sized particles in silt matrix.		\	\	0.0	1547
24	13	26	10-18-25-32	2.0/1.7	43	0-1.7 Light brownish gray (5YR 6/1), damp, dense, f-m SAND sized particles.		\	\	0.0	1553
26	14	28	5-5-2-2	2.0/1.5	7	0-1.5 Light gray (N7) with layers of very light gray (N8), saturated, med dense, f-m SAND sized particles in silt matrix.		\	\	0.0	1600

O'BRIEN & GERE ENGINEERS, INC.						SOIL BORING LOG		REPORT OF BORING SB915-MW-91BR			
Client: Honeywell						Sampler: 2" Split Spoon		Location: SCA			
Proj. Loc: Wastedbed 13 SCA Camillus, NY						Hammer: 140-lb drop		Start Date: 10/25/2010			
File No.: 1163/46698						Fall: 30"		End Date: 2/28/2011			
Boring Company: GeoLogic, Inc.						Screen		=		Grout	
Foreman: Scott Breeds						Riser		□		Sand Pack	
OBG Geologist: Paul Freyer, Yuri Veliz, Jon Bone								□		Sand Choke	
Depth						Sample Description	Stratum Change	General Descript	Equip. Installed	Field Testing	
Below Grade	No.	Depth (feet)	Blows /6"	Penetr/ Recovery (in ft)	"N" Value					PID (ppm)	Time
30	16	32	3-4-24-4	2.0/1.7	28	0-1.3 White (N9) to light gray (N7), wet, soft to hard, SILT sized particles, little f sand sized particles. 1.3-1.7 Light gray (N7), wet, hard f-m SAND in a cemented silt matrix.				1.5	10/26/10 745
32	17	34	2-3-3-2	2.0/1.4	6	0-1.4 White (N9) to light gray (N7) w/ 0.02 to 0.05 ft med dark gray (N4) laminations, wet, soft to firm, SILT, little f sand sized particles.				1.5	800
34	18	36	3-2-2-4	2.0/2.0	4	0-2.0 White (N9) to light gray (N7) w/ 0.02 to 0.05 ft med dark gray (N4) laminations, wet, soft, laminated texturally SILT sized particles, trace f sand sized particles.				2.1	839
36	19	38	2-6-7-3	2.0/1.5	13	0-1.5 SAA, few thin (0.02 ft) cemented laminations.				2.9	843
38	20	40	w-w-1-1	2.0/1	<2	0-1.0 White (N9) w/ few faint light gray (N7) mottles, wet, very soft, SILT sized particles in a paste like matrix.				1.2	856
40	21	42	4-1-2-1	2.0/1.9	3	0-1.9 White (N9) to light gray (N7) w/ few distinct med dark gray (N4) laminations, wet, soft, laminated texturally SILT, little f. sand, trace m sand in a paste-like matrix.				1.7	902
42	22	44	1-3-5-1	2.0/1.3	8	0-1.3 SAA, one 0.1 ft cemented lense.				0.1	916
44	23	46	w-w-1-1	2.0/1.75	<2	0-1.75 White (N9) to light gray (N7) w/ distinct med dark gray (N4) laminations (0.01 to 0.05 ft thick), wet, very soft, SILT, little f sand sized particles, laminated (texturally) in a paste-like matrix.				0.2	920
46	24	48	w-w-w-w	2.0/1.5	<1	0-1.5 SAA, one 0.1 ft cemented lense.				0.5	936
48	25	50	w-2-2-2	2.0/1.5	4	0-1.5 SAA, slight cementation in med dark gray (N4) laminations.				0.5	939
50	26	52	2-1-3-4	2.0/1.15	4	0-1.15 SAA.				0.0	1016
52	27	54	5-3-2-1	2.0/1.0	5	0-1.0 White (N9) to light gray (N7), wet, firm, SILT sized particles in a past-like matrix, few laminations.				0.3	1020
54	28	56	1-4-2-1	2.0/1.0	6	0-1.0 White (N9) to light gray (N7) w/ few distinct med. dark gray (N4) to dark gray (N3) laminations, wet, firm, SILT, little f-m sand sized particles in a paste-like matrix, one lamination cemented.				0.5	1035
56	29	58	2-2-4-10	2.0/1.75	6	0-1.4 White (N9) to light gray (N7), faint to distinct light gray (N7) and med. dark gray (N4) laminations common, SILT, little f-m SAND sized particles in a paste-like matrix w/ cemented laminations. Pale yellowish orange (10YR 8/6) above contact. 1.4-1.75 ft Dark yellowish brown (10YR 4/2), wet, firm to stiff, SILT, trace clay, trace f sand, trace roots and plant fragments.	Solvay Waste Silt trace clay 57.4'			3.0	1040

O'BRIEN & GERE ENGINEERS, INC.						SOIL BORING LOG		REPORT OF BORING SB915-MW-91BR			
Client: Honeywell						Sampler: 2" Split Spoon		Location: SCA			
Proj. Loc: Wastedbed 13 SCA Camillus, NY						Hammer: 140-lb drop		Start Date: 10/25/2010			
File No.: 1163/46698						Fall: 30"		End Date: 2/28/2011			
Boring Company: GeoLogic, Inc.						Screen		=		Grout	
Foreman: Scott Breeds						Riser				Sand Pack	
OBG Geologist: Paul Freyer, Yuri Veliz, Jon Bone										Sand Choke	
Depth						Sample Description	Stratum Change	Equip. Installed	Field Testing		
Below Grade	No.	Depth (feet)	Blows /6"	Penetr/ Recovery (in ft)	"N" Value				General Descript	PID (ppm)	Time
58	30	60	5-8-12-15	2.0/1.75	20	0-1.75 Dark yellowish brown (10 YR 4/2), moist, hard, SILT, trace clay, trace plant fragments	Silt, trace clay	\	\	0.5	1056
60	31	62	10-12-12-14	2.0/1.65	24	0-0.7 Dark yellowish brown (10 YR 4/2), moist, hard, SILT, trace clay. 0.7-1.65 Moderate-yellowish brown (10YR 5/4) faint dark yellowish orange (10YR 6/6) and med. dark gray (N4) mottling throughout, damp to moist, hard/med. dense, SILT, trace f sand.		\	\	3.6	1101
62	32	64	3-3-5-5	2.0/1.6	8	0-1.6 Yellowish brown (10YR 5/2) w/ fine, distinct, dark yellowish orange (10YR 6/6) and grayish black (N2) laminations common, moist to saturated, SILT, trace f sand, trace clay		\	\	0.5	1124
64	33	66	6-5-9-11	2.0/1.35	14	0-1.35 Yellowish brown (10YR 5/2), faint to distinct dark gray (N3) to grayish black (N2) laminations, saturated, med. dense/stiff, SILT, little f sand, one 0.1 ft clayey silt lense.		\	\	0.4	1130
66	34	68	7-9-12-14	2.0/1.2	21	0-1.2 Olive gray (5Y 3/2), saturated, med. Dense, SILT inter layer with f to f-m sand, increasing sand content with depth, trace shell fragment.		\	\	3.7	1240
68	35	70	11-14-17-18	2.0/1.25	31	0-1.25 Olive black (5Y 2/1), saturated, dense, f SAND, some m sand, little silt, trace shell fragments.	F to FM Sand	\	\	3.0	1248
70	36	72	7-8-6-5	2.0/2.0	14	0-0.8 SAA. 0.8-1.9 Reddish brown (10R 4/4), moist, stiff, clayey SILT, cohesive, slight to low plasticity. 1.9-2.0 Olive black (5Y 2/1), saturated, med. dense, f-m SAND, tr. silt.	Clayey Silt with Fine Sand	\	\	1.7	1453
72	37	74	5-7-14-50	2.0/1.7	21	0-1.6 Reddish brown (10YR 4/4), moist, stiff to hard, clayey SILT to SILT and clay w/ few light brown (5YR 5/6) partings of SILT, cohesive, slight to low plasticity. 1.6-1.7 Dark yellowish brown (10YR 4/2) w/ pale olive (10Y 6/2) and grayish red (10R 4/2) flecks throughout, wet, very dense, f-m-c GRAVEL, little m-c sand, little f sand.	Gravel	\	\	0.9	1502
76	39	76.8	45-50/0.3	0.8/0.8	>50	0-0.8 SAA, coarse GRAVEL stuck in spoon nose	FMC Sand Angular Shale	\	\	0.4	1622
78	40	80	38-25-22-40	2.0/1.6	47	0-1.6 Dark greenish gray (5GY 4/1), wet, dense, angular shale fragments and f-m-c		\	\	0.1	10/27/10 0850
80	41	82	30-30-40-33	2.0/1.6	70	0-1.6 Dark greenish gray (5GY 4/1), saturated, very dense, f-m-c SAND and silt, some angular shale fragments.		\	\	0.2	0900
82	42	84	35-50/0.2	0.7/0.5	>50	0-0.5 SAA, wet, little med. GRAVEL and shale fragments	Gravel	\	\	0.0	0930

O'BRIEN & GERE ENGINEERS, INC.						SOIL BORING LOG		REPORT OF BORING SB915-MW-91BR			
Client: Honeywell						Sampler: 2" Split Spoon		Location: SCA			
Proj. Loc: Wastedbed 13 SCA Camillus, NY						Hammer: 140-lb drop		Start Date: 10/25/2010			
File No.: 1163/46698						Fall: 30"		End Date: 2/28/2011			
Boring Company: GeoLogic, Inc.						Screen		=		Grout	
Foreman: Scott Breeds						Riser		=		Sand Pack	
OBG Geologist: Paul Freyer, Yuri Veliz, Jon Bone								=		Sand Choke	
Depth						Sample Description	Stratum Change	Equip. Installed	Field Testing		
Below Grade	No.	Depth (feet)	Blows /6"	Penetr/ Recovery (in ft)	"N" Value				General Descript	PID (ppm)	Time
84	43	86	48-57-55-62	2.0/1.5	112	0-1.5 Dark greenish gray (5GY 4/1), wet, very dense, f-m SAND and silt, some shale fragments, little c. gravel.	Sand and Silt	\	\	0.2	1003
86	44	86.4	100/0.4	0.4/0.4	>100	0-0.4 SAA.		\	\	0.0	1010
88	45	90	100-80-65-80	2.0/1.1	145	0-0.6 SAA. 0.6-1.1 Grayish black (N2), very hard, shale fragments.		\	\	0.0	1055
90	46	92	60-35-35-40	2.0/1.3	70	0-0.3 Grayish black (N2), very hard, shale fragments. 0.3-1.4 Dark greenish gray (5GY 4/1), wet to saturated, very dense, f-m SAND and silt, some shale fragments.		\	\	0.2	1112
92	47	94	18-38-14-12	2.0/1.0	52	0-0.5 Dark greenish gray (5GY 4/1) and greenish gray (5GY 6/1), wet, dense f-m GRAVEL. 0.5-1.0 Dark greenish gray (5GY 4/1) and olive gray (5Y 4/1), wet, dense f-m SAND and silt, little c GRAVEL.		\	\	0.0	1400
94	48	96	13-11-10-22	2.0/0.6	21	0-0.6 Dark greenish gray (5GY 4/1), saturated, med. dense, f-m SAND and silt, some shale.		\	\	0.0	1455
96	49	98	21-18-8-8	2.0/0.6	16	0-0.6 Greenish gray (5GY 6/1), wet, dense, f-m GRAVEL, little f-m sand and silt.		\	\	0.1	1505
98	50	100	8-21-35-38	2/1.2	56	0-1.2 Greenish gray (5GY 6/1), wet, dense f-m GRAVEL and silt, some f-m sand.	Sand and Gravel	\	\	0.0	1635
100	51	102	25-25-37-43	2/1.4	62	0-1.4 Olive gray (5Y 4/1), wet, very dense f-m GRAVEL and silt, some f-m sand.		\	\	0.0	0810
102	52	104	55-75-40-52	2/1.3	115	0-1.3 SAA, increase SILT at bottom	Sand and Gravel	\	\	0.0	0820
104	53	106	16-28-16-45	2/1.3	44	0-1.3 Olive gray (5Y 4/1), wet, dense, f-m GRAVEL and silt, some f-m sand, trace c. gravel.		\	\	0.0	0945
106	54	108	90-55-40-45	2/1.8	95	0-1.8 Olive gray (5Y 4/1) and moderate yellowish brown (10YR 5/4), wet to saturated, very dense, f-m GRAVEL, some silt and f-m-c sand, trace c gravel. Grayish black (N2) shale fragments.		\	\	0.0	0953
108	55	110	36-55-18-17	2/1.3	73	0-1.3 SAA.		\	\	0.0	1105
110	56	112	12-26-32-25	2/1.2	58	0-1.2 SAA, increase c gravel.		\	\	0.0	1145
112	57	114	23-17-15-24	2/2.0	32	0-2.0 SAA, dense.		\	\	0.0	1205
114	58	116	18-17-15-19	2/1.2	32	0-1.2 SAA.		\	\	0.0	1400
116	59	118	26-18-22-25	2/2.0	40	0-2.0 Olive gray (5Y 4/1), wet, dense, f-m GRAVEL some silt and little f-m-c sand, trace c		\	\	0.0	1410

O'BRIEN & GERE ENGINEERS, INC.						SOIL BORING LOG		REPORT OF BORING SB915-MW-91BR			
Client: Honeywell						Sampler: 2" Split Spoon		Location: SCA			
Proj. Loc: Wastedbed 13 SCA Camillus, NY						Hammer: 140-lb drop		Start Date: 10/25/2010			
File No.: 1163/46698						Fall: 30"		End Date: 2/28/2011			
Boring Company: GeoLogic, Inc.						Screen		=		Grout	
Foreman: Scott Breeds						Riser				Sand Pack	
OBG Geologist: Paul Freyer, Yuri Veliz, Jon Bone										Sand Choke	
Depth Below Grade	No.	Depth (feet)	Blows /6"	Penetr/ Recovery (in ft)	"N" Value	Sample Description	Stratum Change General Descript	Equip. Installed	Field Testing		
									PID (ppm)	Time	
118	60	120	23-18-15-17	2/1.2	33	0-1.2 Medium dark gray (N4), wet, f-m GRAVEL and m-c sand, little silt, trace c gravel.		\	\	0.1	1550
120	61	122	30-28-30-36	2.0/1.2	58	0-1.2 Medium dark gray (N4), wet, dense, f-m GRAVEL, some c gravel and m-c sand, little silt.		\	\	0.0	10/29/10 0923
122	62	122.8	80-100/0.3	0.8/0.8	>100	0-0.8 SAA.		\	\	0.0	0940
124	63	126	28-16-15-16	2.0/0.5	31	0-0.5 SAA, some silt.		\	\	0.0	1055
126	64	126.8	12-9-10-9	2.0/1.3	19	0-1.3 Medium dark gray (N4), wet, medium dense, f-m SAND little silt.	Sand	\	\	0.2	1110
128	65	130	14-14-16-20	2.0/1.0	30	0-1.0 SAA.		\	\	0.0	1340
130	66	132	14-18-18-18*	2.0/0.8	36*	No recovery from 2 in. spoon. Used 3 in. spoon for the same interval and recovered 0.8 ft. 0-0.8 SAA.		\	\	0.0	1422
132	67	134	42-62-60-60*	2.0/1.2	122*	Three inch spoon. 0-1.2 SAA.		\	\	0.0	1500
134	68	136	21-20-18-20	2.0/1.3	38	0-1.3 Brownish gray (5YR 4/1), saturated, dense f-m SAND, some silt, trace m gravel.	Sand and Gravel	\	\	0.0	11/1/10 0910
136	69	138	18-22-26-30	2.0/2.0	48	0-2.0 Brownish gray (5YR 4/1) and medium dark gray (N4), moist to wet, dense, f-m SAND, some silt, little clay.		\	\	0.0	0920
138	70	140	8-7-6-9	2.0/1.3	13	0-1.3 Dark reddish brown (10R 3/4), damp to wet, stiff SILT and f sand, some clay, little m gravel (matrix supported).		\	\	0.0	1035
140	71	142	7-11-13-16	2.0/1.7	24	0-1.7 SAA, harder.	138' Till	\	\	0.0	1118
142	72	144	16-14-18-20	2.0/1.8	32	0-1.8 SAA, harder till.		\	\	0.0	1125
144	73	145	NA	NA	NA	5" steel casing set 0-144' bgs. Drilled through 5" casing with 3 7/8' roller bit to 145 ft		\	\		
145	74	150	NA**	5.0/0.8	NA**	0-0.8 Dense, wet, dark reddish brown (10R 3/4) SILT, some clay matrix, slightly cohesive, supporting few m-c rounded gravel, little m-c subrounded gravel.		\	\	NA	2/23/11 0945
150	75	154.5	NA**	4.5/2.0	NA**	0-2.0 SAA		\	\	NA	1400
155	76	160	NA**	5.0/3.3	NA**	0-3.3 SAA		\	\	NA	2/24/11 920
160	77	165	NA**	5.0/2.55	NA**	0-2.55 SAA		\	\	NA	1100
165	78	170	NA**	5.0/3.45	NA**	0-3.45 SAA		\	\	NA	1400
170	79	175	NA**	5.0/3.15	NA**	0-3.15 SAA		\	\	NA	1557
175	80	180	NA**	5.0/1.3	NA**	0-1.3 Dense, wet, dark reddish brown (10R 3/4) CLAY, some silt martix, slightly cohesive, supporting little m-c rounded gravel, some m-c subrounded gravel.		\	\	NA	2/25/11 0930

O'BRIEN & GERE ENGINEERS, INC.	<u>SOIL BORING LOG</u>	REPORT OF BORING SB915-MW-91BR
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Client: Honeywell	Sampler: 2" Split Spoon	Location: SCA
Proj. Loc: Wastedbed 13 SCA Camillus, NY	Hammer: 140-lb drop	Start Date: 10/25/2010
File No.: 1163/46698	Fall: 30"	End Date: 2/28/2011

Boring Company: GeoLogic, Inc.	Screen	=	Grout
Foreman: Scott Breeds	Riser		Sand Pack
OBG Geologist: Paul Freyer, Yuri Veliz, Jon Bone			Sand Choke

Depth Below Grade	No.	Depth (feet)	Blows /6"	Penetr/ Recovery (in ft)	"N" Value	Sample Description	Stratum Change General Descript	Equip. Installed	Field Testing	
									PID (ppm)	Time

180	81	185	NA**	5.0/1.6	NA**	0-1.6 Dense, wet, dark reddish brown (10R 3/4) SILT, some clay matrix, supporting few m-c gravel, trace large angular to subangular shale cobbles.	190' Bedrock	\	\	NA	1145
185	82	190	NA**	5.0/2.4	NA**	0-2.4 Very dense, wet, greenish gray (5GY 6/1) weathered shale, clay rich, some medium gray shale pieces (m-c subangular gravel size to cobble sized) trace silt.		\	\	NA	1500
190	83	195	NA**	5.0/2.6	NA**	Shale. 4" steel casing ground into place 0-194 ft bgs				NA	1100
195	84	197	NA**	NA	NA**	Drilled with 3 7/8' roller bit to 197ft, start bedrock coring, see core log for description				NA	NA
197	85	199	NA**	10/8.4	NA**	Shale, single 10 ft run from 197-207 ft				NA	NA
199	86	201	NA**	NA	NA**	Shale		=			
201	87	203	NA**	NA	NA**	Shale		=			
203	88	205	NA**	NA	NA**	Shale		=			
205	89	207	NA**	NA	NA**	Shale	=				

End of Boring at 207 ft bgs

Well Installation Details: Screen (10 slot) - 197-207 ft, Riser - +2-197 ft, Sand Pack (0 sand) - 194.7-207 ft, Sand Choke (00 sand) - 191-194.7 ft, Grout - 0-191 ft

** HQ Core barrel

O'BRIEN & GERE ENGINEERS, INC.
 333 West Washington Street
 Syracuse, New York 13221

CORE LOG

Hole No.: SB915-MW-91BR

Job No.: 1163\46698

Sheet 1 of 1

Project: Wastedbed 13 SCA

Formation Member Unit	Run No. Depth	Pen. Rate (min. per foot)	Depth Scale	Lithologic Description (include in order: ROCK TYPE, color, grain size, texture, bedding, fracture & minerals.)	Core Recovery		RQD
					Length	Percent	
	1 197 - 202	12:00	197 202	SHALE, greenish gray (5G 6/1) 197.0' to 198.4' transitioning to medium dark gray (N4) shale then back to greenish gray shale at 200.5'. All thinly laminated horizontal bedding, fine grain, highly fractured throughout, all horizontal. Weathering with mineralization (gypsum, calcite?) within the fractures, 1/8 inch healed vertical fracture, infilled with either calcite or gypsum from 201.3' to 201.7'.	5	100%	0%
	1 202 - 207	14:15	202 207	SHALE, greenish gray (5G 6/1) thinly laminated horizontal bedding, fine grain, highly fractured throughout, all horizontal. Weathering with mineralization (gypsum, calcite?) within the fractures.	3.4	68%	11%
End of core hole at 207.0 ft See boring log for well construction details.							

O'BRIEN & GERE ENGINEERS, INC.						SOIL BORING LOG		REPORT OF BORING SB915-MW-91D			
Client: Honeywell						Sampler: 2" Split Spoon		Location: SCA			
Proj. Loc: Wastedbed 13 SCA Camillus, NY						Hammer: 140-lb drop		Start Date: 1/31/2011			
File No.: 1163/46698						Fall: 30"		End Date: 2/2/2011			
Boring Company: Parratt-Wolff						Screen		Grout			
Foreman: Joe Percy						Riser		Sand Pack			
OBG Geologist: Robert Trent								Sand Choke			
Depth Below Grade	No.	Depth (feet)	Blows /6"	Penetr/ Recovery (in ft)	"N" Value	Sample Description	Stratum Change General Descript	Field Testing			
								Equip. Installed	PID (ppm)	Time	
0	1	2	2-3-9-10	2/1.75	12	0-0.1 Dark yellowish brown (10YR 4/2), dry, loose f-m SAND sized particle plavit matter. 0.1-1.0 Grayish orange (10YR 7/4), dry, loose, f-m SAND sized particles. 1.1-1.7 Light gray (N7), dry, med. dense f-m SAND sized particles, partially cemented.	Solvay Waste	\	\	0.0	1222
2	2	4	32-50/0.4	0.9/0.9	>50	0-0.9 Light gray (N7), dry, very dense, f-m SAND sized particle cemented in silt matrix.	\	\	0.0	1224	
4	3	6	25-27-30-32	2/1.2	57	0-1.2 Dark gray (N3) and very light gray (N8), dry, very dense f-m SAND sized particle cemented in silt matrix.	\	\	0.0	1312	
6	4	8	27-10-7-10	2/1.2	17	0-1.2 SAA	\	\	0.0	1316	
8	5	10	10-17-7-4	2/1.3	24	0-1.1 Pale yellowish brown (10YR 6/2), wet, dense, f-m SAND sized particles in silt matrix. 1.1-1.3 Dark gray (N3), moist, dense, SILT and f sand sized particles.	\	\	0.0	1350	
10	6	12	WH-WH-1-1	2/0.5	1	0-0.5 Med. light gray (N6), saturated, very soft SILT sized particles.	\	\	0.0	1435	
12	7	14	10-17-6-7	2/1.3	23	0-1.3 Pale yellowish brown (10YR 6/2), damp to moist, hard, SILT sized particles, some sand sized particles.	\	\	0.0	1440	
14	8	16	7-11-5-6	2/1.2	16	0-1.2 Pale yellowish brown (10YR 6/2), moist to wet, stiff to hard, SILT sized particles with thin layers of f-m sand sized particles.	\	\	0.0	1300	
16	9	18	10-1-1-3	2/0.5	2	0-0.5 Pale yellowish brown (10YR 6/2) and med dark gray (N4), moist, dense, f-m SAND sized particles with layers of silt sized particles	\	\	0.0	1515	
18	10	20	2-12-9-8	2.0/1.2	21	0.0-0.6 Med. dark gray (N4), wet, soft SILT sized particles. 0.6-1.2 Pale yellowish brown (10YR 6/2), damp, dense, f-m SAND sized particles.	\	\	0.0	1524	
20	11	22	2-3-18-10	2.0/1.7	21	0-1.0 Med. dark gray (N4), wet, soft to firm, SILT sized particles. 1.0-1.7 Pale yellowish brown (10YR 6/2), damp to wet, f-m SAND sized particles.	\	\	0.0	1535	
22	12	24	5-10-2-3	2.0/0.8	12	0-0.8 Pale yellowish brown (10YR 6/2) and greenish gray (5G 6/1), saturated, med dense, f-m SAND sized particles in silt matrix.	\	\	0.0	1547	
24	13	26	10-18-25-32	2.0/1.7	43	0-1.7 Light brownish gray (5YR 6/1), damp, dense, f-m SAND sized particles.	\	\	0.0	1553	

No samples taken from 0-125 ft bgs, descriptions taken from SB915-MW-91BR.

O'BRIEN & GERE ENGINEERS, INC.						SOIL BORING LOG		REPORT OF BORING SB915-MW-91D			
Client: Honeywell						Sampler: 2" Split Spoon		Location: SCA			
Proj. Loc: Wastedbed 13 SCA Camillus, NY						Hammer: 140-lb drop		Start Date: 1/31/2011			
File No.: 1163/46698						Fall: 30"		End Date: 2/2/2011			
Boring Company: Parratt-Wolff						Screen		=		Grout	
Foreman: Joe Percy						Riser		\		Sand Pack	
OBG Geologist: Robert Trent								\		Sand Choke	
Depth Below Grade	No.	Depth (feet)	Blows /6"	Penetr/ Recovery (in ft)	"N" Value	Sample Description	Stratum Change General Descript	Equip. Installed	Field Testing		
									PID (ppm)	Time	
26	14	28	5-5-2-2	2.0/1.5	7	0-1.5 Light gray (N7) with layers of very light gray (N8), saturated, med dense, f-m SAND sized particles in silt matrix.	Solvay Waste	\	\	0.0	1600
30	16	32	3-4-24-4	2.0/1.7	28	0-1.3 White (N9) to light gray (N7), wet, soft to hard, SILT sized particles, little f sand sized particles. 1.3-1.7 Light gray (N7), wet, hard f-m SAND in a cemented silt matrix.	\	\	1.5	10/26/10 745	
32	17	34	2-3-3-2	2.0/1.4	6	0-1.4 White (N9) to light gray (N7) w/ 0.02 to 0.05 ft med dark gray (N4) laminations, wet, soft to firm, SILT, little f sand sized particles.	\	\	1.5	800	
34	18	36	3-2-2-4	2.0/2.0	4	0-2.0 White (N9) to light gray (N7) w/ 0.02 to 0.05 ft med dark gray (N4) laminations, wet, soft, laminated texturally SILT sized particles, trace f sand sized particles.	\	\	2.1	839	
36	19	38	2-6-7-3	2.0/1.5	13	0-1.5 SAA, few thin (0.02 ft) cemented laminations.	\	\	2.9	843	
38	20	40	w-w-1-1	2.0/1	<2	0-1.0 White (N9) w/ few faint light gray (N7) mottles, wet, very soft, SILT sized particles in a paste like matrix.	\	\	1.2	856	
40	21	42	4-1-2-1	2.0/1.9	3	0-1.9 White (N9) to light gray (N7) w/ few distinct med dark gray (N4) laminations, wet, soft, laminated texturally SILT, little f sand, trace m sand in a paste-like matrix.	\	\	1.7	902	
42	22	44	1-3-5-1	2.0/1.3	8	0-1.3 SAA, one 0.1 ft cemented lense.	\	\	0.1	916	
44	23	46	w-w-1-1	2.0/1.75	<2	0-1.75 White (N9) to light gray (N7) w/ distinct med dark gray (N4) laminations (0.01 to 0.05 ft thick), wet, very soft, SILT, little f sand sized particles, laminated (texturally) in a paste-like matrix.	\	\	0.2	920	
46	24	48	w-w-w-w	2.0/1.5	<1	0-1.5 SAA, one 0.1 ft cemented lense.	\	\	0.5	936	
48	25	50	w-2-2-2	2.0/1.5	4	0-1.5 SAA, slight cementation in med dark gray (N4) laminations.	\	\	0.5	939	
50	26	52	2-1-3-4	2.0/1.15	4	0-1.15 SAA.	\	\	0.0	1016	
52	27	54	5-3-2-1	2.0/1.0	5	0-1.0 White (N9) to light gray (N7), wet, firm, SILT sized particles in a past-like matrix, few laminations.	\	\	0.3	1020	
54	28	56	1-4-2-1	2.0/1.0	6	0-1.0 White (N9) to light gray (N7) w/ few distinct med. dark gray (N4) to dark gray (N3) laminations, wet, firm, SILT, little f-m sand sized particles in a paste-like matrix, one lamination cemented.	\	\	0.5	1035	

No samples taken from 0-125 ft bgs, descriptions taken from SB915-MW-91BR.

O'BRIEN & GERE ENGINEERS, INC.						<u>SOIL BORING LOG</u>		REPORT OF BORING SB915-MW-91D			
Client: Honeywell						Sampler: 2" Split Spoon		Location: SCA			
Proj. Loc: Wastedbed 13 SCA Camillus, NY						Hammer: 140-lb drop		Start Date: 1/31/2011			
File No.: 1163/46698						Fall: 30"		End Date: 2/2/2011			
Boring Company: Parratt-Wolff						Screen		=		Grout	
Foreman: Joe Percy						Riser		\		Sand Pack	
OBG Geologist: Robert Trent								\		Sand Choke	
Depth Below Grade	No.	Depth (feet)	Blows /6"	Penetr/ Recovery (in ft)	"N" Value	Sample Description	Stratum Change General Descript	Equip. Installed	Field Testing		
									PID (ppm)	Time	
56	29	58	2-2-4-10	2.0/1.75	6	0-1.4 White (N9) to light gray (N7), faint to distinct light gray (N7) and med. dark gray (N4) laminations common, SILT, little f-m SAND sized particles in a paste-like matrix w/ cemented laminations. Pale yellowish orange (10YR 8/6) above contact. 1.4-1.75 ft Dark yellowish brown (10YR 4/2), wet, firm to stiff, SILT, trace clay, trace f sand, trace roots and plant fragments.	Solvay Waste	\	\	3.0	1040
58	30	60	5-8-12-15	2.0/1.75	20	0-1.75 Dark yellowish brown (10 YR 4/2), moist, hard, SILT, trace clay, trace plant fragments	57.4'	\	\	0.5	1056
60	31	62	10-12-12-14	2.0/1.65	24	0-0.7 Dark yellowish brown (10 YR 4/2), moist, hard, SILT, trace clay. 0.7-1.65 Moderate-yellowish brown (10YR 5/4) faint dark yellowish orange (10YR 6/6) and med. dark gray (N4) mottling throughout, damp to moist, hard/med. dense, SILT, trace f sand.	Silt and Sand	\	\	3.6	1101
62	32	64	3-3-5-5	2.0/1.6	8	0-1.6 Yellowish brown (10YR 5/2) w/ fine, distinct, dark yellowish orange (10YR 6/6) and grayish black (N2) laminations common, moist to saturated, SILT, trace f sand, trace clay		\	\	0.5	1124
64	33	66	6-5-9-11	2.0/1.35	14	0-1.35 Yellowish brown (10YR 5/2), faint to distinct dark gray (N3) to grayish black (N2) laminations, saturated, med. dense/stiff, SILT, little f sand, one 0.1 ft clayey silt lense.		\	\	0.4	1130
66	34	68	7-9-12-14	2.0/1.2	21	0-1.2 Olive gray (5Y 3/2), saturated, med. Dense, SILT inter layer with f to f-m sand, increasing sand content with depth, trace shell fragment.		\	\	3.7	1240
68	35	70	11-14-17-18	2.0/1.25	31	0-1.25 Olive black (5Y 2/1), saturated, dense, f SAND, some m sand, little silt, trace shell fragments.	F to FM Sand	\	\	3.0	1248
70	36	72	7-8-6-5	2.0/2.0	14	0-0.8 SAA. 0.8-1.9 Reddish brown (10R 4/4), moist, stiff, clayey SILT, cohesive, slight to low plasticity. 1.9-2.0 Olive black (5Y 2/1), saturated, med. dense, f-m SAND, tr. silt.	Clayey Silt with Fine Sand	\	\	1.7	1453

No samples taken from 0-125 ft bgs, descriptions taken from SB915-MW-91BR.

O'BRIEN & GERE ENGINEERS, INC.						SOIL BORING LOG		REPORT OF BORING SB915-MW-91D			
Client: Honeywell						Sampler: 2" Split Spoon		Location: SCA			
Proj. Loc: Wastedbed 13 SCA Camillus, NY						Hammer: 140-lb drop		Start Date: 1/31/2011			
File No.: 1163/46698						Fall: 30"		End Date: 2/2/2011			
Boring Company: Parratt-Wolff						Screen		=		Grout	
Foreman: Joe Percy						Riser		\		Sand Pack	
OBG Geologist: Robert Trent								\		Sand Choke	
Depth						Stratum Change			Field Testing		
Below Grade	No.	Depth (feet)	Blows /6"	Penetr/ Recovery (in ft)	"N" Value	Sample Description	General Descript	Equip. Installed	PID (ppm)	Time	
72	37	74	5-7-14-50	2.0/1.7	21	0-1.6 Reddish brown (10YR 4/4), moist, stiff to hard, clayey SILT to SILT and clay w/ few light brown (5YR 5/6) partings of SILT, cohesive, slight to low plasticity. 1.6-1.7 Dark yellowish brown (10YR 4/2) w/ pale olive (10Y 6/2) and grayish red (10R 4/2) flecks throughout, wet, very dense, f-m-c GRAVEL, little m-c sand, little f sand.	73.6' Gravel	\	\	0.9	1502
74	38	74.7	65-50/0.2	0.7/0.7	>50	0-0.7 Yellowish brown (10 YR 5/2), saturated, extremely dense, pale olive (10Y 6/2) and grayish red (10R 4/2), well-graded, f-m-c GRAVEL, some f sand and silt.	FMC Sand Angular Shale	\	\	0.8	1550
76	39	76.8	45-50/0.3	0.8/0.8	>50	0-0.8 SAA, coarse GRAVEL stuck in spoon nose		\	\	0.4	1622
78	40	80	38-25-22-40	2.0/1.6	47	dense, angular shale fragments and f-m-c SAND some silt.		\	\	0.1	10/27/10 0850
80	41	82	30-30-40-33	2.0/1.6	70	0-1.6 Dark greenish gray (5GY 4/1), saturated, very dense, f-m-c SAND and silt, some angular shale fragments.		\	\	0.2	0900
82	42	84	35-50/0.2	0.7/0.5	>50	0-0.5 SAA, wet, little med. GRAVEL and shale fragments.	Gravel	\	\	0.0	0930
84	43	86	48-57-55-62	2.0/1.5	112	0-1.5 Dark greenish gray (5GY 4/1), wet, very dense, f-m SAND and silt, some shale fragments, little c. gravel.	Sand and Silt	\	\	0.2	1003
86	44	86.4	100/0.4	0.4/0.4	>100	0-0.4 SAA.		\	\	0.0	1010
88	45	90	100-80-65-80	2.0/1.1	145	0-0.6 SAA. 0.6-1.1 Grayish black (N2), very hard, shale fragments.		\	\	0.0	1055
90	46	92	60-35-35-40	2.0/1.3	70	0-0.3 Grayish black (N2), very hard, shale fragments. 0.3-1.4 Dark greenish gray (5GY 4/1), wet to saturated, very dense, f-m SAND and silt, some shale fragments.		\	\	0.2	1112
92	47	94	18-38-14-12	2.0/1.0	52	0-0.5 Dark greenish gray (5GY 4/1) and greenish gray (5GY 6/1), wet, dense f-m GRAVEL. 0.5-1.0 Dark greenish gray (5GY 4/1) and olive gray (5Y 4/1), wet, dense f-m SAND and silt, little c GRAVEL.		\	\	0.0	1400
94	48	96	13-11-10-22	2.0/0.6	21	0-0.6 Dark greenish gray (5GY 4/1), saturated, med. dense, f-m SAND and silt, some shale.		\	\	0.0	1455
96	49	98	21-18-8-8	2.0/0.6	16	0-0.6 Greenish gray (5GY 6/1), wet, dense, f-m GRAVEL, little f-m sand and silt.		\	\	0.1	1505

No samples taken from 0-125 ft bgs, descriptions taken from SB915-MW-91BR.

O'BRIEN & GERE ENGINEERS, INC.						SOIL BORING LOG		REPORT OF BORING SB915-MW-91D			
Client: Honeywell						Sampler: 2" Split Spoon		Location: SCA			
Proj. Loc: Wastedbed 13 SCA Camillus, NY						Hammer: 140-lb drop		Start Date: 1/31/2011			
File No.: 1163/46698						Fall: 30"		End Date: 2/2/2011			
Boring Company: Parratt-Wolff						Screen Riser		Grout Sand Pack Sand Choke			
Foreman: Joe Percy											
OBG Geologist: Robert Trent											
Depth Below Grade	No.	Depth (feet)	Blows /6"	Penetr/ Recovery (in ft)	"N" Value	Sample Description	Stratum Change General Descript	Equip. Installed	Field Testing		
									PID (ppm)	Time	
98	50	100	8-21-35-38	2/1.2	56	0-1.2 Greenish gray (5GY 6/1), wet, dense f-m GRAVEL and silt, some f-m sand.	Sand and Gravel	\	\	0.0	1635
100	51	102	25-25-37-43	2/1.4	62	0-1.4 Olive gray (5Y 4/1), wet, very dense f-m GRAVEL and silt, some f-m sand.		\	\	0.0	0810
102	52	104	55-75-40-52	2/1.3	115	0-1.3 SAA, increase SILT at bottom		\	\	0.0	0820
104	53	106	16-28-16-45	2/1.3	44	0-1.3 Olive gray (5Y 4/1), wet, dense, f-m GRAVEL and silt, some f-m sand, trace c. gravel.		\	\	0.0	0945
106	54	108	90-55-40-45	2/1.8	95	0-1.8 Olive gray (5Y 4/1) and moderate yellowish brown (10YR 5/4), wet to saturated, very dense, f-m GRAVEL, some silt and f-m-c sand, trace c gravel. Grayish black (N2) shale fragments.		\	\	0.0	0953
108	55	110	36-55-18-17	2/1.3	73	0-1.3 SAA.		\	\	0.0	1105
110	56	112	12-26-32-25	2/1.2	58	0-1.2 SAA, increase c gravel.		\	\	0.0	1145
112	57	114	23-17-15-24	2/2.0	32	0-2.0 SAA, dense.		\	\	0.0	1205
114	58	116	18-17-15-19	2/1.2	32	0-1.2 SAA.		\	\	0.0	1400
116	59	118	26-18-22-25	2/2.0	40	GRAVEL some silt and little f-m-c sand, trace c gravel.		\	\	0.0	1410
118	60	120	23-18-15-17	2/1.2	33	GRAVEL and m-c sand, little silt, trace c gravel.		\	\	0.1	1550
120	61	122	30-28-30-36	2.0/1.2	58	0-1.2 Medium dark gray (N4), wet, dense, f-m GRAVEL, some c gravel and m-c sand, little silt.				0.0	10/29/10 0923
122	62	122.8	80-100/0.3	0.8/0.8	>100	0-0.8 SAA.				0.0	0940
125	2	127	70/0.4	0.4/0.0	>70	No recovery, see SB915-MW-91BR for description.		=		NA	NA
127	3	129	NA	NA	NA	No sample, auger to next interval, see SB915-MW-91BR for description.		=		NA	NA
129	4	131	14-24-27-37	2.0/1.5	51	Medium dark gray (N4), wet, medium dense, f-m SAND little silt.		=		0.0	1400
131	5	133	14-17-27-28	2.0/	44	SAA		=		0.0	1440
133	6	135	14-21-29-35	2.0/1.5	50	Brownish gray (5YR 4/1), saturated, dense f-m SAND, some silt, trace m gravel.		=		NA	NA
End of boring at 135 ft bgs											

Notes: No samples taken from 0-125 ft bgs, descriptions taken from SB915-MW-91BR. Well construction details: Screen (10 slot) - 125-135 ft., Sand Pack - 123-135 ft., Sand Choke - 120-123 ft., Grout - 0-120 ft.

O'BRIEN & GERE ENGINEERS, INC.						<u>SOIL BORING LOG</u>		REPORT OF BORING SB915-MW-911			
Client: Honeywell						Sampler: 2" Split Spoon		Location: SCA			
Proj. Loc: Wastedbed 13 SCA Camillus, NY						Hammer: 140-lb drop		Start Date: 2/7/2011			
File No.: 1163/46698						Fall: 30"		End Date: 2/8/2011			
Boring Company: Parratt-Wolff						Screen		=		Grout	
Foreman: Joe Percy						Riser				Sand Pack	
OBG Geologist: Ed Rahn										Sand Choke	
Depth Below Grade	No.	Depth (feet)	Blows /6"	Penetr/ Recovery (in ft)	"N" Value	Sample Description	Stratum Change		Field Testing		
							General Descript	Equip. Installed	PID (ppm)	Time	
0	1	2	2-3-9-10	2/1.75	12	0-0.1 Dark yellowish brown (10YR 4/2), dry, loose f-m SAND sized particle plavit matter. 0.1-1.0 Grayish orange (10YR 7/4), dry, loose, f-m SAND sized particles. 1.1-1.7 Light gray (N7), dry, med. dense f-m SAND sized particles, partially cemented.	Solvay Waste	\	\	0.0	1222
2	2	4	32-50/0.4	0.9/0.9	>50	0-0.9 Light gray (N7), dry, very dense, f-m SAND sized particle cemented in silt matrix.	\	\	\	0.0	1224
4	3	6	25-27-30-32	2/1.2	57	0-1.2 Dark gray (N3) and very light gray (N8), dry, very dense f-m SAND sized particle cemented in silt matrix.	\	\	\	0.0	1312
6	4	8	27-10-7-10	2/1.2	17	0-1.2 SAA	\	\	\	0.0	1316
8	5	10	10-17-7-4	2/1.3	24	0-1.1 Pale yellowish brown (10YR 6/2), wet, dense, f-m SAND sized particles in silt matrix. 1.1-1.3 Dark gray (N3), moist, dense, SILT and f sand sized particles.	\	\	\	0.0	1350
10	6	12	WH-WH-1-1	2/0.5	1	0-0.5 Med. light gray (N6), saturated, very soft SILT sized particles.	\	\	\	0.0	1435
12	7	14	10-17-6-7	2/1.3	23	0-1.3 Pale yellowish brown (10YR 6/2), damp to moist, hard, SILT sized particles, some sand sized particles.	\	\	\	0.0	1440
14	8	16	7-11-5-6	2/1.2	16	0-1.2 Pale yellowish brown (10YR 6/2), moist to wet, stiff to hard, SILT sized particles with thin layers of f-m sand sized particles.	\	\	\	0.0	1300
16	9	18	10-1-1-3	2/0.5	2	0-0.5 Pale yellowish brown (10YR 6/2) and med dark gray (N4), moist, dense, f-m SAND sized particles with layers of silt sized particles	\	\	\	0.0	1515
18	10	20	2-12-9-8	2.0/1.2	21	0.0-0.6 Med. dark gray (N4), wet, soft SILT sized particles. 0.6-1.2 Pale yellowish brown (10YR 6/2), damp, dense, f-m SAND sized particles.	\	\	\	0.0	1524
20	11	22	2-3-18-10	2.0/1.7	21	0-1.0 Med. dark gray (N4), wet, soft to firm, SILT sized particles. 1.0-1.7 Pale yellowish brown (10YR 6/2), damp to wet, f-m SAND sized particles.	\	\	\	0.0	1535
22	12	24	5-10-2-3	2.0/0.8	12	0-0.8 Pale yellowish brown (10YR 6/2) and greenish gray (5G 6/1), saturated, med dense, f-m SAND sized particles in silt matrix.	\	\	\	0.0	1547
24	13	26	10-18-25-32	2.0/1.7	43	0-1.7 Light brownish gray (5YR 6/1), damp, dense, f-m SAND sized particles.	\	\	\	0.0	1553

No samples taken from 0-115 ft bgs, descriptions taken from SB915-MW-91BR.

O'BRIEN & GERE ENGINEERS, INC.						SOIL BORING LOG		REPORT OF BORING SB915-MW-91I			
Client: Honeywell						Sampler: 2" Split Spoon		Location: SCA			
Proj. Loc: Wastedbed 13 SCA Camillus, NY						Hammer: 140-lb drop		Start Date: 2/7/2011			
File No.: 1163/46698						Fall: 30"		End Date: 2/8/2011			
Boring Company: Parratt-Wolff						Screen		=		Grout	
Foreman: Joe Percy						Riser		\		Sand Pack	
OBG Geologist: Ed Rahn								\		Sand Choke	
Depth Below Grade	No.	Depth (feet)	Blows /6"	Penetr/ Recovery (in ft)	"N" Value	Sample Description	Stratum Change General Descript	Equip. Installed	Field Testing		
									PID (ppm)	Time	
26	14	28	5-5-2-2	2.0/1.5	7	0-1.5 Light gray (N7) with layers of very light gray (N8), saturated, med dense, f-m SAND sized particles in silt matrix.	Solvay Waste	\	\	0.0	1600
30	16	32	3-4-24-4	2.0/1.7	28	0-1.3 White (N9) to light gray (N7), wet, soft to hard, SILT sized particles, little f sand sized particles. 1.3-1.7 Light gray (N7), wet, hard f-m SAND in a cemented silt matrix.	\	\	1.5	10/26/10 745	
32	17	34	2-3-3-2	2.0/1.4	6	0-1.4 White (N9) to light gray (N7) w/ 0.02 to 0.05 ft med dark gray (N4) laminations, wet, soft to firm, SILT, little f sand sized particles.	\	\	1.5	800	
34	18	36	3-2-2-4	2.0/2.0	4	0-2.0 White (N9) to light gray (N7) w/ 0.02 to 0.05 ft med dark gray (N4) laminations, wet, soft, laminated texturally SILT sized particles, trace f sand sized particles.	\	\	2.1	839	
36	19	38	2-6-7-3	2.0/1.5	13	0-1.5 SAA, few thin (0.02 ft) cemented laminations.	\	\	2.9	843	
38	20	40	w-w-1-1	2.0/1	<2	0-1.0 White (N9) w/ few faint light gray (N7) mottles, wet, very soft, SILT sized particles in a paste like matrix.	\	\	1.2	856	
40	21	42	4-1-2-1	2.0/1.9	3	0-1.9 White (N9) to light gray (N7) w/ few distinct med dark gray (N4) laminations, wet, soft, laminated texturally SILT, little f. sand, trace m sand in a paste-like matrix.	\	\	1.7	902	
42	22	44	1-3-5-1	2.0/1.3	8	0-1.3 SAA, one 0.1 ft cemented lense.	\	\	0.1	916	
44	23	46	w-w-1-1	2.0/1.75	<2	0-1.75 White (N9) to light gray (N7) w/ distinct med dark gray (N4) laminations (0.01 to 0.05 ft thick), wet, very soft, SILT, little f sand sized particles, laminated (texturally) in a paste-like matrix.	\	\	0.2	920	
46	24	48	w-w-w-w	2.0/1.5	<1	0-1.5 SAA, one 0.1 ft cemented lense.	\	\	0.5	936	
48	25	50	w-2-2-2	2.0/1.5	4	0-1.5 SAA, slight cementation in med dark gray (N4) laminations.	\	\	0.5	939	
50	26	52	2-1-3-4	2.0/1.15	4	0-1.15 SAA.	\	\	0.0	1016	
52	27	54	5-3-2-1	2.0/1.0	5	0-1.0 White (N9) to light gray (N7), wet, firm, SILT sized particles in a past-like matrix, few laminations.	\	\	0.3	1020	
54	28	56	1-4-2-1	2.0/1.0	6	0-1.0 White (N9) to light gray (N7) w/ few distinct med. dark gray (N4) to dark gray (N3) laminations, wet, firm, SILT, little f-m sand sized particles in a paste-like matrix, one lamination cemented.	\	\	0.5	1035	

No samples taken from 0-115 ft bgs, descriptions taken from SB915-MW-91BR.

O'BRIEN & GERE ENGINEERS, INC.						<u>SOIL BORING LOG</u>		REPORT OF BORING SB915-MW-911			
Client: Honeywell						Sampler: 2" Split Spoon		Location: SCA			
Proj. Loc: Wastedbed 13 SCA Camillus, NY						Hammer: 140-lb drop		Start Date: 2/7/2011			
File No.: 1163/46698						Fall: 30"		End Date: 2/8/2011			
Boring Company: Parratt-Wolff						Screen Riser		Grout Sand Pack Sand Choke			
Foreman: Joe Percy											
OBG Geologist: Ed Rahn											
Depth Below Grade	No.	Depth (feet)	Blows /6"	Penetr/ Recovery (in ft)	"N" Value	Sample Description	Stratum Change	Field Testing			
							General Descript	Equip. Installed	PID (ppm)	Time	
56	29	58	2-2-4-10	2.0/1.75	6	0-1.4 White (N9) to light gray (N7), faint to distinct light gray (N7) and med. dark gray (N4) laminations common, SILT, little f-m SAND sized particles in a paste-like matrix w/ cemented laminations. Pale yellowish orange (10YR 8/6) above contact. 1.4-1.75 ft Dark yellowish brown (10YR 4/2), wet, firm to stiff, SILT, trace clay, trace f sand, trace roots and plant fragments.	Solvay Waste	\	\	3.0	1040
58	30	60	5-8-12-15	2.0/1.75	20	0-1.75 Dark yellowish brown (10 YR 4/2), moist, hard, SILT, trace clay, trace plant fragments	57.4'	\	\	0.5	1056
60	31	62	10-12-12-14	2.0/1.65	24	0-0.7 Dark yellowish brown (10 YR 4/2), moist, hard, SILT, trace clay. 0.7-1.65 Moderate-yellowish brown (10YR 5/4) faint dark yellowish orange (10YR 6/6) and med. dark gray (N4) mottling throughout, damp to moist, hard/med. dense, SILT, trace f sand.	Silt and Sand	\	\	3.6	1101
62	32	64	3-3-5-5	2.0/1.6	8	0-1.6 Yellowish brown (10YR 5/2) w/ fine, distinct, dark yellowish orange (10YR 6/6) and grayish black (N2) laminations common, moist to saturated, SILT, trace f sand, trace clay		\	\	0.5	1124
64	33	66	6-5-9-11	2.0/1.35	14	0-1.35 Yellowish brown (10YR 5/2), faint to distinct dark gray (N3) to grayish black (N2) laminations, saturated, med. dense/stiff, SILT, little f sand, one 0.1 ft clayey silt lense.		\	\	0.4	1130
66	34	68	7-9-12-14	2.0/1.2	21	0-1.2 Olive gray (5Y 3/2), saturated, med. Dense, SILT inter layer with f to f-m sand, increasing sand content with depth, trace shell fragment.		\	\	3.7	1240
68	35	70	11-14-17-18	2.0/1.25	31	0-1.25 Olive black (5Y 2/1), saturated, dense, f SAND, some m sand, little silt, trace shell fragments.	F to FM Sand	\	\	3.0	1248
70	36	72	7-8-6-5	2.0/2.0	14	0-0.8 SAA. 0.8-1.9 Reddish brown (10R 4/4), moist, stiff, clayey SILT, cohesive, slight to low plasticity. 1.9-2.0 Olive black (5Y 2/1), saturated, med. dense, f-m SAND, tr. silt.	Clayey Silt with Fine Sand	\	\	1.7	1453

No samples taken from 0-115 ft bgs, descriptions taken from SB915-MW-91BR.

O'BRIEN & GERE ENGINEERS, INC.						<u>SOIL BORING LOG</u>		REPORT OF BORING SB915-MW-911			
Client: Honeywell						Sampler: 2" Split Spoon		Location: SCA			
Proj. Loc: Wastedbed 13 SCA Camillus, NY						Hammer: 140-lb drop		Start Date: 2/7/2011			
File No.: 1163/46698						Fall: 30"		End Date: 2/8/2011			
Boring Company: Parratt-Wolff						Screen		=		Grout	
Foreman: Joe Percy						Riser		\		Sand Pack	
OBG Geologist: Ed Rahn								\		Sand Choke	
Depth Below Grade	No.	Depth (feet)	Blows /6"	Penetr/ Recovery (in ft)	"N" Value	Sample Description	Stratum Change		Field Testing		
							General Descript	Equip. Installed	PID (ppm)	Time	
72	37	74	5-7-14-50	2.0/1.7	21	0-1.6 Reddish brown (10YR 4/4), moist, stiff to hard, clayey SILT to SILT and clay w/ few light brown (5YR 5/6) partings of SILT, cohesive, slight to low plasticity. 1.6-1.7 Dark yellowish brown (10YR 4/2) w/ pale olive (10Y 6/2) and grayish red (10R 4/2) flecks throughout, wet, very dense, f-m-c GRAVEL, little m-c sand, little f sand.	73.6' Gravel	\	\	0.9	1502
74	38	74.7	65-50/0.2	0.7/0.7	>50	0-0.7 Yellowish brown (10 YR 5/2), saturated, extremely dense, pale olive (10Y 6/2) and grayish red (10R 4/2), well-graded, f-m-c GRAVEL, some f sand and silt.	FMC Sand Angular Shale	\	\	0.8	1550
76	39	76.8	45-50/0.3	0.8/0.8	>50	0-0.8 SAA, coarse GRAVEL stuck in spoon nose		\	\	0.4	1622
78	40	80	38-25-22-40	2.0/1.6	47	dense, angular shale fragments and f-m-c SAND some silt.		\	\	0.1	10/27/10 0850
80	41	82	30-30-40-33	2.0/1.6	70	0-1.6 Dark greenish gray (5GY 4/1), saturated, very dense, f-m-c SAND and silt, some angular shale fragments.		\	\	0.2	0900
82	42	84	35-50/0.2	0.7/0.5	>50	0-0.5 SAA, wet, little med. GRAVEL and shale fragments.	Gravel	\	\	0.0	0930
84	43	86	48-57-55-62	2.0/1.5	112	0-1.5 Dark greenish gray (5GY 4/1), wet, very dense, f-m SAND and silt, some shale fragments, little c. gravel.	Sand and Silt	\	\	0.2	1003
86	44	86.4	100/0.4	0.4/0.4	>100	0-0.4 SAA.		\	\	0.0	1010
88	45	90	100-80-65-80	2.0/1.1	145	0-0.6 SAA. 0.6-1.1 Grayish black (N2), very hard, shale fragments.		\	\	0.0	1055
90	46	92	60-35-35-40	2.0/1.3	70	0-0.3 Grayish black (N2), very hard, shale fragments. 0.3-1.4 Dark greenish gray (5GY 4/1), wet to saturated, very dense, f-m SAND and silt, some shale fragments.		\	\	0.2	1112
92	47	94	18-38-14-12	2.0/1.0	52	0-0.5 Dark greenish gray (5GY 4/1) and greenish gray (5GY 6/1), wet, dense f-m GRAVEL. 0.5-1.0 Dark greenish gray (5GY 4/1) and olive gray (5Y 4/1), wet, dense f-m SAND and silt, little c GRAVEL.		\	\	0.0	1400
94	48	96	13-11-10-22	2.0/0.6	21	0-0.6 Dark greenish gray (5GY 4/1), saturated, med. dense, f-m SAND and silt, some shale.		\	\	0.0	1455
96	49	98	21-18-8-8	2.0/0.6	16	0-0.6 Greenish gray (5GY 6/1), wet, dense, f-m GRAVEL, little f-m sand and silt.		\	\	0.1	1505

No samples taken from 0-115 ft bgs, descriptions taken from SB915-MW-91BR.

O'BRIEN & GERE ENGINEERS, INC.						SOIL BORING LOG		REPORT OF BORING SB915-MW-91I				
Client: Honeywell						Sampler: 2" Split Spoon		Location: SCA				
Proj. Loc: Wastedbed 13 SCA Camillus, NY						Hammer: 140-lb drop		Start Date: 2/7/2011				
File No.: 1163/46698						Fall: 30"		End Date: 2/8/2011				
Boring Company: Parratt-Wolff						Screen Riser		Grout Sand Pack Sand Choke				
Foreman: Joe Percy												
OBG Geologist: Ed Rahn												
Depth	Below Grade	Depth No.	Depth (feet)	Blows /6"	Penetr/ Recovery (in ft)	"N" Value	Sample Description	Stratum Change	General Descript	Equip. Installed	Field Testing	
											PID (ppm)	Time
98	50	100	8-21-35-38	2/1.2	56	0-1.2 Greenish gray (5GY 6/1), wet, dense f-m GRAVEL and silt, some f-m sand.	Sand and Gravel		\	\	0.0	1635
100	51	102	25-25-37-43	2/1.4	62	0-1.4 Olive gray (5Y 4/1), wet, very dense f-m GRAVEL and silt, some f-m sand.			\	\	0.0	0810
102	52	104	55-75-40-52	2/1.3	115	0-1.3 SAA, increase SILT at bottom			\	\	0.0	0820
104	53	106	16-28-16-45	2/1.3	44	0-1.3 Olive gray (5Y 4/1), wet, dense, f-m GRAVEL and silt, some f-m sand, trace c. gravel.			\	\	0.0	0945
106	54	108	90-55-40-45	2/1.8	95	0-1.8 Olive gray (5Y 4/1) and moderate yellowish brown (10YR 5/4), wet to saturated, very dense, f-m GRAVEL, some silt and f-m-c sand, trace c gravel. Grayish black (N2) shale fragments.			\	\	0.0	0953
108	55	110	36-55-18-17	2/1.3	73	0-1.3 SAA.			\	\	0.0	1105
110	56	112	12-26-32-25	2/1.2	58	0-1.2 SAA, increase c gravel.					0.0	1145
112	57	114	23-17-15-24	2/2.0	32	0-2.0 SAA, dense.					0.0	1205
115	2	117	68-62-28-22	2.0/1.4	90	Olive gray (5Y 4/1), wet, dense, f-m GRAVEL some silt and little f-m-c sand, trace c gravel.	Gravel		=		0.0	2/7/11 1320
117	3	119	25-26-42-44	2.0/1.3	68	Medium dark gray (N4), wet, f-m GRAVEL and m-c sand, little silt, trace c gravel.			=		0.0	1340
119	4	121	38-66-68-67	2.0/1.1	134	Olive gray (5Y 4/1), wet, dense, f-m GRAVEL some silt and little f-m-c sand, trace c gravel.			=		0.0	1420
121	5	123	38-30-22-20	2.0/1.4	52	Olive gray (5Y 4/1), wet, dense, f-m GRAVEL some silt and little f-m-c sand, trace c gravel.			=		0.0	1440
123	6	125	15-12-16-17	2.0/1.6	28	Medium dark gray (N4), wet, dense, f-m GRAVEL, some c gravel and m-c sand, little silt.			=		0.0	1500
						End of boring at 125 ft bgs						
						Well construction details:						
						Screen: 115-125 ft						
						Riser: +2-115 ft						
						Sand Pack: 113-125 ft						
						Sand Choke: 110-113 ft						
						Grout: 0-110 ft						

No samples taken from 0-115 ft bgs, descriptions taken from SB915-MW-91BR.

O'BRIEN & GERE ENGINEERS, INC.						<u>SOIL BORING LOG</u>		REPORT OF BORING SB915-MW-91S			
Client: Honeywell						Sampler: 2" Split Spoon		Location: SCA			
Proj. Loc: Wastedbed 13 SCA Camillus, NY						Hammer: Auto		Start Date: 2/3/2011			
File No.: 1163/46698						Fall: NA		End Date: 2/3/2011			
Boring Company: Parratt-Wolff						Screen		=		Grout	
Foreman: Joe Percy						Riser		\		Sand Pack	
OBG Geologist: Robert Trent								\		Sand Choke	
Depth Below Grade	No.	Depth (feet)	Blows /6"	Penetr/ Recovery (in ft)	"N" Value	Sample Description	Stratum Change	Field Testing			
							General Descript	Equip. Installed	PID (ppm)	Time	
0	1	2	2-3-9-10	2/1.75	12	0-0.1 Dark yellowish brown (10YR 4/2), dry, loose f-m SAND sized particle plavit matter. 0.1-1.0 Grayish orange (10YR 7/4), dry, loose, f-m SAND sized particles. 1.1-1.7 Light gray (N7), dry, med. dense f-m SAND sized particles, partially cemented.	Solvay Waste	\	\	0.0	1222
2	2	4	32-50/0.4	0.9/0.9	>50	0-0.9 Light gray (N7), dry, very dense, f-m SAND sized particle cemented in silt matrix.	\	\	0.0	1224	
4	3	6	25-27-30-32	2/1.2	57	0-1.2 Dark gray (N3) and very light gray (N8), dry, very dense f-m SAND sized particle cemented in silt matrix.	\	\	0.0	1312	
6	4	8	27-10-7-10	2/1.2	17	0-1.2 SAA	\	\	0.0	1316	
8	5	10	10-17-7-4	2/1.3	24	0-1.1 Pale yellowish brown (10YR 6/2), wet, dense, f-m SAND sized particles in silt matrix. 1.1-1.3 Dark gray (N3), moist, dense, SILT and f sand sized particles.	\	\	0.0	1350	
10	6	12	WH-WH-1-1	2/0.5	1	0-0.5 Med. light gray (N6), saturated, very soft SILT sized particles.	\	\	0.0	1435	
12	7	14	10-17-6-7	2/1.3	23	0-1.3 Pale yellowish brown (10YR 6/2), damp to moist, hard, SILT sized particles, some sand sized particles.	\	\	0.0	1440	
14	8	16	7-11-5-6	2/1.2	16	0-1.2 Pale yellowish brown (10YR 6/2), moist to wet, stiff to hard, SILT sized particles with thin layers of f-m sand sized particles.	\	\	0.0	1300	
16	9	18	10-1-1-3	2/0.5	2	0-0.5 Pale yellowish brown (10YR 6/2) and med dark gray (N4), moist, dense, f-m SAND sized particles with layers of silt sized particles			0.0	1515	
18	10	20	2-12-9-8	2.0/1.2	21	0.0-0.6 Med. dark gray (N4), wet, soft SILT sized particles. 0.6-1.2 Pale yellowish brown (10YR 6/2), damp, dense, f-m SAND sized particles.			0.0	1524	
21	2	23	6-9-22-3	2.0/2.0	31	Med. dark gray (N4), wet, soft to firm, SILT sized particles.	=		0.0	1500	
23	3	25	4-7-12-4	2.0/1.2	19	Pale yellowish brown (10YR 6/2) and greenish gray (5G 6/1), saturated, med dense, f-m SAND sized particles in silt matrix.	=		0.0	1505	
25	4	27	3-3-3-20	2.0/1.2	6	Light brownish gray (5YR 6/1), damp, dense, f-m SAND sized particles.	=		0.0	1520	
27	5	29	4-3-2-17	2.0/1.5	5	Light gray (N7) with layers of very light gray (N8), saturated, med dense, f-m SAND sized particles in silt matrix.	=		0.0	1525	

No samples were taken from 0-21 ft bgs. Descriptions taken from SB915-MW-91BR.

O'BRIEN & GERE ENGINEERS, INC.						SOIL BORING LOG		REPORT OF BORING SB915-MW-91S				
Client: Honeywell						Sampler: 2" Split Spoon		Location: SCA				
Proj. Loc: Wastebed 13 SCA Camillus, NY						Hammer: Auto		Start Date: 2/3/2011				
File No.: 1163/46698						Fall: NA		End Date: 2/3/2011				
Boring Company: Parratt-Wolff						Screen		=		Grout		
Foreman: Joe Percy						Riser		\		Sand Pack		
OBG Geologist: Robert Trent										Sand Choke		
Depth	Below Grade	No.	Depth (feet)	Blows /6"	Penetr/ Recovery (in ft)	"N" Value	Sample Description	Stratum Change	General Descript	Equip. Installed	Field Testing	
											PID (ppm)	Time
29	6	31	4-3-2-3	2.0/2.0	5	Medium gray (N5), wet, soft, silt-sized particles, layers of very light gray (N8), silt sized particles.	Solvay Waste	=			0.0	1530
31	7	33	5-2-3-4	2.0/2.0	5	White (N9) to light gray (N7), wet, soft to hard, SILT sized particles, little f sand sized particles.		=			0.0	1535
33	8	35	5-8-6-3	2.0/1.25	15	White (N9) to light gray (N7) w/ 0.02 to 0.05 ft med dark gray (N4) laminations, wet, soft to firm, SILT, little f sand sized particles.		=			0.0	1615
35	9	37	6-7-7-5	2.0/1.25	14	White (N9) to light gray (N7) w/ 0.02 to 0.05 ft med dark gray (N4) laminations , wet, soft, laminated texturally SILT sized particles, trace f sand sized particles.		=			0.0	1620
37	10	39	3-2-2-1	2.0/0.5	4	SAA, few thin (0.02 ft) cemented laminations.		=			0.0	1630
39	11	41	3-3-1-2	2.0/0.5	4	White (N9) w/ few faint light gray (N7) mottles, wet, very soft, SILT sized particles in a paste like matrix.		=			0.0	1635
							End of Boring at 41 ft bgs					
							Well Construction Details:					
							Screen (10 slot): 21-41 ft bgs					
							Riser: +2-21 ft					
							Sand Pack: 19-41 ft					
							Sand Choke: 16-19 ft					
							Grout: 0-16 ft					
No samples were taken from 0-21 ft bgs. Descriptions taken from SB915-MW-91BR.												

O'BRIEN & GERE ENGINEERS, INC.						<u>SOIL BORING LOG</u>		REPORT OF BORING SB915-MW-91SN			
Client: Honeywell						Sampler: 2" Split Spoon		Location: SCA			
Proj. Loc: Wastedbed 13 SCA Camillus, NY						Hammer: Auto		Start Date: 1/27/2011			
File No.: 1163/46698						Fall: NA		End Date: 1/27/2011			
Boring Company: Parratt-Wolff, Inc.						Screen		=		Grout	
Foreman: Markel Chatman						Riser				Sand Pack	
OBG Geologist: Jason Newton										Bentonite	
Depth						Stratum Change	Field Testing				
Below Grade	No.	Depth (feet)	Blows /6"	Penetr/ Recovery (in ft)	"N" Value	Sample Description	General Descript	Equip. Installed	PID (ppm)	Time	
0	1	2	2-3-9-10	2/1.75	12	0-0.1 Dark yellowish brown (10YR 4/2), dry, loose f-m SAND sized particle plavit matter. 0.1-1.0 Grayish orange (10YR 7/4), dry, loose, f-m SAND sized particles. 1.1-1.7 Light gray (N7), dry, med. dense f-m SAND sized particles, partially cemented.	Solvay Waste	\	\	0.0	1222
2	2	4	32-50/0.4	0.9/0.9	>50	0-0.9 Light gray (N7), dry, very dense, f-m SAND sized particle cemented in silt matrix.	\	\	0.0	1224	
4	3	6	25-27-30-32	2/1.2	57	0-1.2 Dark gray (N3) and very light gray (N8), dry, very dense f-m SAND sized particle cemented in silt matrix.	\	\	0.0	1312	
6	4	8	27-10-7-10	2/1.2	17	0-1.2 SAA	\	\	0.0	1316	
8	5	10	10-17-7-4	2/1.3	24	0-1.1 Pale yellowish brown (10YR 6/2), wet, dense, f-m SAND sized particles in silt matrix. 1.1-1.3 Dark gray (N3), moist, dense, SILT and f sand sized particles.	\	\	0.0	1350	
10	6	12	WH-WH-1-1	2/0.5	1	0-0.5 Med. light gray (N6), saturated, very soft SILT sized particles.	\	\	0.0	1435	
12	7	14	10-17-6-7	2/1.3	23	0-1.3 Pale yellowish brown (10YR 6/2), damp to moist, hard, SILT sized particles, some sand sized particles.	\	\	0.0	1440	
14	8	16	7-11-5-6	2/1.2	16	0-1.2 Pale yellowish brown (10YR 6/2), moist to wet, stiff to hard, SILT sized particles with thin layers of f-m sand sized particles.	\	\	0.0	1300	
16	9	18	10-1-1-3	2/0.5	2	0-0.5 Pale yellowish brown (10YR 6/2) and med dark gray (N4), moist, dense, f-m SAND sized particles with layers of silt sized particles	\	\	0.0	1515	
18	10	20	2-12-9-8	2.0/1.2	21	0.0-0.6 Med. dark gray (N4), wet, soft SILT sized particles. 0.6-1.2 Pale yellowish brown (10YR 6/2), damp, dense, f-m SAND sized particles.	\	\	0.0	1524	
20	11	22	2-3-18-10	2.0/1.7	21	0-1.0 Med. dark gray (N4), wet, soft to firm, SILT sized particles. 1.0-1.7 Pale yellowish brown (10YR 6/2), damp to wet, f-m SAND sized particles.	\	\	0.0	1535	
22	12	24	5-10-2-3	2.0/0.8	12	0-0.8 Pale yellowish brown (10YR 6/2) and greenish gray (5G 6/1), saturated, med dense, f-m SAND sized particles in silt matrix.	\	\	0.0	1547	
24	13	26	10-18-25-32	2.0/1.7	43	0-1.7 Light brownish gray (5YR 6/1), damp, dense, f-m SAND sized particles.	\	\	0.0	1553	

No samples taken from 0-78 ft bgs, descriptions taken from SB915-MW-91BR.

O'BRIEN & GERE ENGINEERS, INC.						SOIL BORING LOG		REPORT OF BORING SB915-MW-91SN			
Client: Honeywell						Sampler: 2" Split Spoon		Location: SCA			
Proj. Loc: Wastedbed 13 SCA Camillus, NY						Hammer: Auto		Start Date: 1/27/2011			
File No.: 1163/46698						Fall: NA		End Date: 1/27/2011			
Boring Company: Parratt-Wolff, Inc.						Screen		=		Grout	
Foreman: Markel Chatman						Riser		\		Sand Pack	
OBG Geologist: Jason Newton								\		Bentonite	
Depth Below Grade	No.	Depth (feet)	Blows /6"	Penetr/ Recovery (in ft)	"N" Value	Sample Description	Stratum Change General Descript	Equip. Installed	Field Testing		
									PID (ppm)	Time	
26	14	28	5-5-2-2	2.0/1.5	7	0-1.5 Light gray (N7) with layers of very light gray (N8), saturated, med dense, f-m SAND sized particles in silt matrix.	Solvay Waste	\	\	0.0	1600
30	16	32	3-4-24-4	2.0/1.7	28	0-1.3 White (N9) to light gray (N7), wet, soft to hard, SILT sized particles, little f sand sized particles. 1.3-1.7 Light gray (N7), wet, hard f-m SAND in a cemented silt matrix.	\	\	1.5	10/26/10 745	
32	17	34	2-3-3-2	2.0/1.4	6	0-1.4 White (N9) to light gray (N7) w/ 0.02 to 0.05 ft med dark gray (N4) laminations, wet, soft to firm, SILT, little f sand sized particles.	\	\	1.5	800	
34	18	36	3-2-2-4	2.0/2.0	4	0-2.0 White (N9) to light gray (N7) w/ 0.02 to 0.05 ft med dark gray (N4) laminations, wet, soft, laminated texturally SILT sized particles, trace f sand sized particles.	\	\	2.1	839	
36	19	38	2-6-7-3	2.0/1.5	13	0-1.5 SAA, few thin (0.02 ft) cemented laminations.	\	\	2.9	843	
38	20	40	w-w-1-1	2.0/1	<2	0-1.0 White (N9) w/ few faint light gray (N7) mottles, wet, very soft, SILT sized particles in a paste like matrix.	\	\	1.2	856	
40	21	42	4-1-2-1	2.0/1.9	3	0-1.9 White (N9) to light gray (N7) w/ few distinct med dark gray (N4) laminations, wet, soft, laminated texturally SILT, little f sand, trace m sand in a paste-like matrix.	\	\	1.7	902	
42	22	44	1-3-5-1	2.0/1.3	8	0-1.3 SAA, one 0.1 ft cemented lense.	\	\	0.1	916	
44	23	46	w-w-1-1	2.0/1.75	<2	0-1.75 White (N9) to light gray (N7) w/ distinct med dark gray (N4) laminations (0.01 to 0.05 ft thick), wet, very soft, SILT, little f sand sized particles, laminated (texturally) in a paste-like matrix.	\	\	0.2	920	
46	24	48	w-w-w-w	2.0/1.5	<1	0-1.5 SAA, one 0.1 ft cemented lense.	\	\	0.5	936	
48	25	50	w-2-2-2	2.0/1.5	4	0-1.5 SAA, slight cementation in med dark gray (N4) laminations.	\	\	0.5	939	
50	26	52	2-1-3-4	2.0/1.15	4	0-1.15 SAA.	\	\	0.0	1016	
52	27	54	5-3-2-1	2.0/1.0	5	0-1.0 White (N9) to light gray (N7), wet, firm, SILT sized particles in a past-like matrix, few laminations.	\	\	0.3	1020	
54	28	56	1-4-2-1	2.0/1.0	6	0-1.0 White (N9) to light gray (N7) w/ few distinct med. dark gray (N4) to dark gray (N3) laminations, wet, firm, SILT, little f-m sand sized particles in a paste-like matrix, one lamination cemented.	\	\	0.5	1035	

No samples taken from 0-78 ft bgs, descriptions taken from SB915-MW-91BR.

O'BRIEN & GERE ENGINEERS, INC.						<u>SOIL BORING LOG</u>		REPORT OF BORING SB915-MW-91SN			
Client: Honeywell						Sampler: 2" Split Spoon		Location: SCA			
Proj. Loc: Wastedbed 13 SCA Camillus, NY						Hammer: Auto		Start Date: 1/27/2011			
File No.: 1163/46698						Fall: NA		End Date: 1/27/2011			
Boring Company: Parratt-Wolff, Inc.						Screen		=		Grout	
Foreman: Markel Chatman						Riser		\		Sand Pack	
OBG Geologist: Jason Newton								\		Bentonite	
Depth Below Grade	No.	Depth (feet)	Blows /6"	Penetr/ Recovery (in ft)	"N" Value	Sample Description	Stratum Change General Descript	Field Testing			
								Equip. Installed	PID (ppm)	Time	
56	29	58	2-2-4-10	2.0/1.75	6	0-1.4 White (N9) to light gray (N7), faint to distinct light gray (N7) and med. dark gray (N4) laminations common, SILT, little f-m SAND sized particles in a paste-like matrix w/ cemented laminations. Pale yellowish orange (10YR 8/6) above contact. 1.4-1.75 ft Dark yellowish brown (10YR 4/2), wet, firm to stiff, SILT, trace clay, trace f sand, trace roots and plant fragments.	Solvay Waste	\	\	3.0	1040
58	30	60	5-8-12-15	2.0/1.75	20	0-1.75 Dark yellowish brown (10 YR 4/2), moist, hard, SILT, trace clay, trace plant fragments	57.4'	\	\	0.5	1056
60	31	62	10-12-12-14	2.0/1.65	24	0-0.7 Dark yellowish brown (10 YR 4/2), moist, hard, SILT, trace clay. 0.7-1.65 Moderate-yellowish brown (10YR 5/4) faint dark yellowish orange (10YR 6/6) and med. dark gray (N4) mottling throughout, damp to moist, hard/med. dense, SILT, trace f sand.	Silt and Sand	\	\	3.6	1101
62	32	64	3-3-5-5	2.0/1.6	8	0-1.6 Yellowish brown (10YR 5/2) w/ fine, distinct, dark yellowish orange (10YR 6/6) and grayish black (N2) laminations common, moist to saturated, SILT, trace f sand, trace clay		\	\	0.5	1124
64	33	66	6-5-9-11	2.0/1.35	14	0-1.35 Yellowish brown (10YR 5/2), faint to distinct dark gray (N3) to grayish black (N2) laminations, saturated, med. dense/stiff, SILT, little f sand, one 0.1 ft clayey silt lense.		\	\	0.4	1130
66	34	68	7-9-12-14	2.0/1.2	21	0-1.2 Olive gray (5Y 3/2), saturated, med. Dense, SILT inter layer with f to f-m sand, increasing sand content with depth, trace shell fragment.		\	\	3.7	1240
68	35	70	11-14-17-18	2.0/1.25	31	0-1.25 Olive black (5Y 2/1), saturated, dense, f SAND, some m sand, little silt, trace shell fragments.	F to FM Sand	\	\	3.0	1248
70	36	72	7-8-6-5	2.0/2.0	14	0-0.8 SAA. 0.8-1.9 Reddish brown (10R 4/4), moist, stiff, clayey SILT, cohesive, slight to low plasticity. 1.9-2.0 Olive black (5Y 2/1), saturated, med. dense, f-m SAND, tr. silt.	Clayey Silt with Fine Sand	\	\	1.7	1453

No samples taken from 0-78 ft bgs, descriptions taken from SB915-MW-91BR.

O'BRIEN & GERE ENGINEERS, INC.						SOIL BORING LOG		REPORT OF BORING SB915-MW-91SN			
Client: Honeywell						Sampler: 2" Split Spoon		Location: SCA			
Proj. Loc: Wastedbed 13 SCA Camillus, NY						Hammer: Auto		Start Date: 1/27/2011			
File No.: 1163/46698						Fall: NA		End Date: 1/27/2011			
Boring Company: Parratt-Wolff, Inc.						Screen		=		Grout	
Foreman: Markel Chatman						Riser		\		Sand Pack	
OBG Geologist: Jason Newton										Bentonite	
Depth						Stratum Change			Field Testing		
Below Grade	No.	Depth (feet)	Blows /6"	Penetr/ Recovery (in ft)	"N" Value	Sample Description	General Descript	Equip. Installed	PID (ppm)	Time	
72	37	74	5-7-14-50	2.0/1.7	21	0-1.6 Reddish brown (10YR 4/4), moist, stiff to hard, clayey SILT to SILT and clay w/ few light brown (5YR 5/6) partings of SILT, cohesive, slight to low plasticity. 1.6-1.7 Dark yellowish brown (10YR 4/2) w/ pale olive (10Y 6/2) and grayish red (10R 4/2) flecks throughout, wet, very dense, f-m-c GRAVEL, little m-c sand, little f sand.	73.6' Gravel	\	0.9	1502	
74	38	74.7	65-50/0.2	0.7/0.7	>50	0-0.7 Yellowish brown (10 YR 5/2), saturated, extremely dense, pale olive (10Y 6/2) and grayish red (10R 4/2), well-graded, f-m-c GRAVEL, some f sand and silt.			0.8	1550	
76	39	76.8	45-50/0.3	0.8/0.8	>50	0-0.8 SAA, coarse GRAVEL stuck in spoon nose	FMC Sand Angular Shale		0.4	1622	
78	2	80	NA	2.0/0.2	NA	(10YR 5/4), angular m-c gravel, little m-c angular sand, little silt.		=	NA	1/27/2011 1355	
80	3	82	NA	2.0/0.0	NA	No recovery.		=	NA	1412	
82	4	84	NA	2.0/0.2	NA	Wet to saturated, pale brown (5YR 6/2), f-m-c gravel, some f-m-c sand, some silt, trace clay.		=	NA	1436	
84	5	86	NA	2.0/0.4	NA	0-0.4 Damp to wet, moderate yellowish brown (10YR 5/4), f-m-c angular shale fragments, little f-m-c sand and silt.		=	NA	1500	
86	6	88	NA	2.0/0.2	NA	0-0.2 Wet, saturated, moderate yellowish brown (10YR 5/4), f-m-c gravel, some f-m-c sand, little silt and clay.		=	NA	1515	
						End of boring at 88 ft bgs					
						Well Installation details:					
						Screen: 78-88 ft					
						Riser: +2-78					
						Sand Pack: 76-88					
						Sand Choke: 73-76					
						Grout: 0-73					
No samples taken from 0-78 ft bgs, descriptions taken from SB915-MW-91BR. Where the blow counts are NA and the N value is NA an auto hammer was used.											

O'BRIEN & GERE ENGINEERS, INC.						SOIL BORING LOG		REPORT OF BORING SB915-MW-92BR			
Client: Honeywell						Sampler: 2" Split Spoon		Location: SCA			
Proj. Loc: Wastebed 13 SCA Camillus, NY						Hammer: 140-lb drop		Start Date: 10/14/2010			
File No.: 1163/46698						Fall: 30"		End Date: 2/22/2011			
Boring Company: GeoLogic, Inc.						Screen Riser		Grout			
Foreman: Scott Breeds								Sand Pack			
OBG Geologist: C. Yuri Veliz / J.Bone / P. Freyer / R.Trent / N. Kranes								Sand Choke			
Depth Below Grade	No.	Depth (feet)	Blows /6"	Pentr/ Recovery (in ft)	"N" Value	Sample Description	Stratum Change General Descript	Equip. Installed	Field Testing		
									PID (ppm)	Time	
0	1	2	3-5-5-7	2.0/1.5	10	0-1.5 Medium Dense, dry, dark yellowish brown (10YR 4/2) MC GRAVEL with f-c sand, some silt	Berm	\	\	0.0	830
2	2	4	10-7-13-13	2.0/1.5	20	0-1.5 SAA	5'	\	\	0.0	835
4	3	6	35-27-42-50/0.2	1.7/1.7	69	0-1.0 SAA. 1.0-1.7 Dry, very dense, white (N9) SILT and SAND sized particles in a cemented matrix	Solvay Waste	\	\	0.0	900
6	4	8	12-50/0.2	0.8/0.6	>50	0-0.6 Very dense, white (N9) to light gray (N7) SILT and SAND sized particles in a cemented matrix		\	\	0.0	915
8	5	10	50/0.2	0.2/0.0	>50	No Recovery		\	\	NA	930
10	6	12	3-7-5-6	2.0/1.0	12	0-1.0 Medium dense, white (N9) to light gray (N7) SILT and SAND sized particles in a cemented matrix		\	\	0.0	940
12	7	14	6-5-7-5	2.0/0.0	12	No Recovery		\	\	NA	945
14	8	16	7-7-5-10	2.0/1.5	12	0-1.5 Medium dense, white (N9) to medium gray (N5) banded SILT and SAND sized particles in a cemented matrix		\	\	0.0	1015
16	9	18	17-17-12-15	2.0/1.5	29	0-1.5 SAA		\	\	0.0	1030
18	10	20	20-17-16-14	2.0/1.5	23	0-1.5 SAA		\	\	0.0	1100
20	11	22	8-22-20-10	2.0/1.5	42	0-1.5 SAA		\	\	0.0	1115
22	12	24	12-7-10-10	2.0/1.5	17	0-1.0 SAA		\	\	0.0	1130
24	13	26	12-32-14-13	2.0/1.5	46	0-1.5 SAA Light gray (N7)		\	\	0.0	1145
26	14	28	3-4-5-7	2.0/2.0	9	0-2.0 Stiff, white (N9) and medium gray (N5) SILT sized particles, consolidated to lightly cemented matrix		\	\	0.0	1200
28	15	30	2-5-1-2	2.0/2.0	6	0-2.0 SAA		\	\	0.0	1300
30	16	32	2-2-6-3	2.0/2.0	8	0-2.0 SAA		\	\	0.0	1310
32	17	34	5-3-2-2	2.0/2.0	5	0-2.0 SAA		\	\	0.0	1320
34	18	36	3-1-2-2	2.0/2.0	3	0-2.0 SAA		\	\	0.0	1330
36	19	38	3-2-6-4	2.0/1.5	8	0-1.5 SAA		\	\	0.0	1335
38	20	40	2-2-7-7	2.0/2.0	9	0-2.0 SAA		\	\	0.0	1345
40	21	42	4-3-3-3	2.0/1.5	6	0-1.5 SAA		\	\	0.0	1400
42	22	44	2-3-7-5	2.0/1.5	10	0-1.5 SAA		\	\	0.0	1415
44	23	46	WH-WH-1-2	2.0/1.75	1	0-1.75 SAA		\	\	0.0	1435
46	24	48	1-2-3-1	2.0/1.5	5	0-1.5 SAA		\	\	0.0	1450
48	25	50	4-1-1-1	2.0/1.75	2	0-1.75 SAA		\	\	0.0	1455
50	26	52	4-3-1-1	2.0/1.75	4	0-1.75 SAA		\	\	0.0	1500
52	27	54	6-5-6-4	2.0/1.25	11	0-1.25 SAA		\	\	0.0	1520
54	28	56	3-1-2-1	2.0/1.5	3	0-1.5 SAA		\	\	0.0	1535

O'BRIEN & GERE ENGINEERS, INC.						SOIL BORING LOG		REPORT OF BORING SB915-MW-92BR			
Client: Honeywell						Sampler: 2" Split Spoon		Location: SCA			
Proj. Loc: Wastebed 13 SCA Camillus, NY						Hammer: 140-lb drop		Start Date: 10/14/2010			
File No.: 1163/46698						Fall: 30"		End Date: 2/22/2011			
Boring Company: GeoLogic, Inc.						Screen Riser		Grout			
Foreman: Scott Breeds								Sand Pack			
OBG Geologist: C. Yuri Veliz / J.Bone / P. Freyer / R.Trent / N. Kranes								Sand Choke			
Depth Below Grade	No.	Depth (feet)	Blows /6"	Pentr/ Recovery (in ft)	"N" Value	Sample Description	Stratum Change General Descript	Equip. Installed	Field Testing		
									PID (ppm)	Time	
56	29	58	9-13-17-32	2.0/1.75	30	0-1.75 Very hard, moist, pale brown (5YR 3/2) SILT, some clay with many fine distinct patches of pale red (5 R 6/2).	56' Silt	\	\	0.0	1545
58	30	60	17-25-24-27	2.0/1.75	49	0-1 SAA. 1-1.75 Dense, wet, olive gray (5Y 3/2) SILT, some fine sand, trace vegetation.		\	\	0.0	1555
60	31	62	7-9-14-16	2.0/1.6	23	0-1.6 Very stiff, wet, pale brown (5YR 5/2) SILT, some fine sand, occasional mottling with SAA olive gray (5Y 3/2).		\	\	0.0	10/18/10 1513
62	32	64	25-22-20-18	2.0/1.75	42	0-1.75 Hard, wet to saturated, pale brown (5YR 5/2) SILT, some fine sand, trace black mottling at 63.8-64 ft.		\	\	0.0	1525
64	33	66	12-21-15-15	2.0/0.8	36	0-0.8 Hard, wet to saturated, olive gray (5Y 3/2) SILT, little f sand, black mottling and pale red (5R 6/2) laminations at 64.5 ft.		\	\	0.0	1549
66	34	68	14-12-16-14	2.0/1.5	28	0-1.5 Very stiff, wet to saturated, pale brown (5YR 5/2) SILT, some f sand.	68'	\	\	0.0	1605
68	35	68.9	30-50/4	0.9/0.5	50+	0-0.9 Very Dense, wet, dark gray (N3) c-f GRAVEL, some c-f sand, trace silt.	Sand and Gravel	\	\	0.0	NA
70	36	70.6	59-50/0.2	0.8/0.6	50+	0-0.6 SAA, some matrix supported.		\	\	0.0	NA
72	37	74	30-38-36-48	2.0/1.0	74	0-0.4 SAA, wet to saturated. 0.4-1.0 Very dense, wet to saturated, pale brown (5YR 5/2) c-f GRAVEL and c-f sand, little silt.		\	\	0.0	10/19/10 0745
74	38	76	23-15-20-32	2.0/0.7	35	0-0.7 SAA, dense, saturated. Lost 50 gallons of mud from 73 - 75 ft.		\	\	0.0	750
76	39	78	22-23-24-28	2.0/1.5	47	0-1.5 SAA, dense, wet to saturated.		\	\	0.0	830
78	40	80	46-23-35-48	2.0/1.8	58	0-1.8 SAA, very dense, saturated, advance casing to 78 ft.		\	\	0.0	845
80	41	82	31-26-29-26	2.0/1.8	55	0-1.8 SAA, very dense, saturated.		\	\	0.0	1100
82	42	84	19-23-25-38	2.0/1.0	48	0-1.0 SAA, dense, wet to saturated. Mud breakdown, possible high chloride groundwater. Lost ~100 gallons fluid to formation.		\	\	0.0	NA
84	43	86	18-14-9-10	2.0/0.5	23	Advance casing to 84 ft. 0-0.5 Medium Dense, saturated, pale brown (5YR 5/2), c-f GRAVEL, some c-f sand, trace silt.		\	\	0.0	1630
86	44	88	23-25-23-20	2.0/1.0	48	0-1.0 Dense, saturated, pale brown (5YR 5/2), c-f GRAVEL and c-f sand, little silt.		\	\	0.0	1645
88	45	90	15-20-18-40	2.0/1.0	38	0-1.0 Dense, saturated, pale brown (5YR 5/2), m-c SAND and f-m gravel, some c gravel, little silt and f sand.		\	\	0.0	10/20/10 0800
90	46	92	22-18-11-7	2.0/1.0	29	c SAND and f-m gravel, some c gravel, little silt and f sand.		\	\	0.0	915

O'BRIEN & GERE ENGINEERS, INC.						SOIL BORING LOG		REPORT OF BORING SB915-MW-92BR			
Client: Honeywell						Sampler: 2" Split Spoon		Location: SCA			
Proj. Loc: Wastebed 13 SCA Camillus, NY						Hammer: 140-lb drop		Start Date: 10/14/2010			
File No.: 1163/46698						Fall: 30"		End Date: 2/22/2011			
Boring Company: GeoLogic, Inc.						Screen Riser		Grout			
Foreman: Scott Breeds								Sand Pack			
OBG Geologist: C. Yuri Veliz / J. Bone / P. Freyer / R. Trent / N. Kranes								Sand Choke			
Depth Below Grade	No.	Depth (feet)	Blows /6"	Pent/ Recovery (in ft)	"N" Value	Sample Description	Stratum Change General Descript	Equip. Installed	Field Testing		
									PID (ppm)	Time	
92	47	94	10-11-43-17	2.0/1.1	54	0-1.1 Very dense, saturated, pale brown (5YR 5/2) well graded f-m-c SAND and f-m subrounded to subangular gravel, some c gravel, little silt.	Sand and Gravel	\	\	0.0	920
94	48	96	22-48-17-50/0.2	1.7/1.5	65	0-1.5 Very dense, saturated, pale brown (5YR 5/2) well graded f-m-c SAND, some subangular to subrounded f-m gravel, little to some silt, trace c gravel.		\	\	0.0	1016
96	49	98	75-26-35-40	2.0/1.2	61	0-1.2 Very dense, saturated, brownish gray (5YR 4/1) well graded f-m-c SAND, some f gravel and silt, little m gravel, trace c gravel. Two 0.1 ft lenses of f-m-c sand in a f sand and silt matrix.		\	\	0.0	1108
98	50	100	35-22-25-27	2.0/1.8	47	0-1.8 Dense, saturated, brownish gray (5YR 4/1) well graded m-c SAND, some subangular to subrounded f gravel, little silt and m gravel, trace c gravel. Two 0.1 ft lenses of m-c sand in a silt and f sand matrix.		\	\	0.0	1114
100	51	102	14-14-13-13	2.0/1.0	27	0-1.0 Medium dense, saturated, brownish gray (5YR 4/1), m-c sand, some f-m gravel, trace silt.		\	\	0.0	1154
102	52	104	12-20-28-24	2.0/1.5	48	0-1.5 SAA.		\	\	0.0	1204
104	53	106	12-20-38-19	2.0/1.0	58	0-1.0 SAA, very dense, little silt.		\	\	0.0	1345
106	54	108	20-22-18-16	2.0/1.3	40	0-1.3 Dense, saturated, brownish gray (5YR 4/1), m-c SAND, some f-m subrounded gravel, little silt.		\	\	0.0	1355
108	55	110	25-28-35-22	2.0/1.3	63	0-1.3 Very dense, saturated, light brownish gray (5YR 6/1) f-m-c SAND, little silt, trace f-m subangular gravel.		\	\	0.0	1453
110	56	112	20-28-28-35	2.0/1.4	56	0-0.3 Very dense, saturated, brownish gray (5YR 4/1) m-c SAND. 0.3-1.4 Very dense, light brownish gray (5YR 6/1) f-m-c SAND, some silt, little f-m subangular gravel.	112.8'	\	\	0.0	1540
112	57	114	24-15-26-20	2.0/1.0	41	0-0.8 SAA. 0.8-1.0 Dense, wet, dark reddish brown (10R 3/4) SILT, m-c sand and little f gravel, silt matrix supported.	Till	\	\	0.0	1550
114	58	115.7	25-38-48-50/0.2	1.7/0.0	86	No Recovery		\	\	0.0	10/21/10 0848
116	59	118	22-35-48-60	2.0/1.5	83	0-1.5 Extremely dense, moist, pale reddish brown (10R 5/4) SILT, split graded, some m-c sand and f gravel, little m gravel, silt matrix supported.		\	\	0.0	930
5" steel casing set 0-116 ft bgs. Using HQ core barrel to sample 116 ft to top of bedrock											

O'BRIEN & GERE ENGINEERS, INC.						SOIL BORING LOG		REPORT OF BORING SB915-MW-92BR			
Client: Honeywell						Sampler: 2" Split Spoon		Location: SCA			
Proj. Loc: Wastebed 13 SCA Camillus, NY						Hammer: 140-lb drop		Start Date: 10/14/2010			
File No.: 1163/46698						Fall: 30"		End Date: 2/22/2011			
Boring Company: GeoLogic, Inc.						Screen =		Grout			
Foreman: Scott Breeds						Riser		Sand Pack			
OBG Geologist: C. Yuri Veliz / J.Bone / P. Freyer / R.Trent / N. Kranes								Sand Choke			
Depth Below Grade	No.	Depth (feet)	Blows /6"	Pentr/ Recovery (in ft)	"N" Value	Sample Description	Stratum Change General Descript	Equip. Installed	Field Testing		
									PID (ppm)	Time	
118	60	119.7	NA	3.7/0.3*	NA	0-0.3 Dense, wet, dark reddish brown (10R 3/4) SILT, some clay slightly cohesive matrix supporting c angular sand an fmc angular gravel.			0.0	2/3/11 0930	
119.7	61	124.7	NA	5.0/2.0*	NA	0-2.0 SAA, few large (0.2 ft) cobble fragments			0.0	1000	
124.7	62	126.3	NA	1.6/0.4*	NA	0-0.4 Loose cobbles in core barrel, stuck in end and preventing barrel from advancing.			0.0	1100	
126.3	63	127.3	NA	1.0/1.0*	NA	0-1.0 SAA appears to be a very coarse gravel and cobble unit. Drilling to 128.0 using 3 7/8" roller bit.			NA	1330	
128	64	128.6	NA**	0.6/0.6	NA**	Three inch spoon. Spoon refusal at 128.6, dark gray, very coarse gravel in nose of spoon. Race of silt and f sand, moderate red matrix on pice of gravel. Believe matrix was washed washed out during drilling. Drilling to 130.0 ft			NA	2/4/11 1130	
130	65	130.4	NA**	0.4/0.4	NA**	Three inch spoon. SAA, drilling to 134.0 ft bgs			NA	2/7/11 0900	
134	66	134.5	150/0.5**	0.5/0.5	NA**	Three inch spoon. 0-0.5 Very dense saturated, med dark gray (N4) mc sand with little silt matrix supporting fmc subangular gravel, trace large cobble piece. Gravel pieces are greenish gray (5GY 6/1) and dark reddish brown (10R 3/4)			NA	1200	
134.5	67	138	NA	NA	NA	No sample collected, drilled to 138 ft bgs. During drilling, drill fluid transitioned to reddish brown in color with silt and clay pieces returning to surface.			NA	1415	
138	68	140	40-80-80-105	2.0/1.5	160	0-1.5 Very hard, wet reddish brown (10R 3/4) SILT and Clay matrix supporting mc sand, some fm angular to subangular gravel.			NA	1440	
140	69	141	NA	1.0/1.0*	NA	0-1.0 SAA could only advance "H" barrel 1.0 ft due to clay content and cohesivness of the silt and clay in the till.			NA	1630	
143	70	144.7	55-50-100-100/0.2	1.7/1.7	150	Drilled to 143 ft using roller bit. 0-1.7 SAA			NA	2/8/11 1145	
149	71	149.5	200/0.5	0.5/0.5	>200	Drilled to 149 ft using roller bit. 0-0.3 SAA, 0.3-0.5 Med dark gray rock fragments, shale, possibly bedrock.			NA	1500	
149.5	72	151.5	NA	2.0/2.0*	NA	SAA (143-144.7 ft) Rock in end of 149-149.5 ft sample was large cobble/gravel.			NA	2/9/11 1145	

* HQ core barrel

** Three inch spoon

O'BRIEN & GERE ENGINEERS, INC.			SOIL BORING LOG				REPORT OF BORING SB915-MW-92BR					
Client: Honeywell			Sampler: 2" Split Spoon				Location: SCA					
Proj. Loc: Wastedbed 13 SCA Camillus, NY			Hammer: 140-lb drop				Start Date: 10/14/2010					
File No.: 1163/46698			Fall: 30"				End Date: 2/22/2011					
Boring Company: Geologic, Inc.			Screen				=		\		Grout	
Foreman: Scott Breeds			Riser								Sand Pack	
OBG Geologist: C. Yuri Veliz / J.Bone / P. Freyer / R.Trent / N. Kranes											Sand Choke	
Depth Below Grade	No.	Depth (feet)	Blows /6"	Pentr/ Recovery (in ft)	"N" Value	Sample Description	Stratum Change General Descript	Equip. Installed	Field Testing			
									PID (ppm)	Time		
154	73	159.5	NA	4.5/4.5*	NA	Drilled to 154 ft using roller bit. 0-4.5 Very hard, wet, reddish brown (10R 3/4) SILT, little clay matrix supporting some mc subrounded gravel and some large cobbles, little mc sand.				NA	1450	
159.5	74	164.5	NA	5.0/3.0*	NA	0-3.0 Mostly med-large subrounded gravel, little reddish brown (10R 3/4) silt and clay matrix.				NA	1700	
164.5	75	167.5	NA	3.0/3.0*	NA	0-3.0 Very hard, wet, reddish brown (10R 3/4) SILT and some clay matrix, supporting few mc subrounded gravel, trace large rounded cobbles, trace c sand.				NA	2/10/11 0900	
170	76	174.5	NA	4.5/4.5*	NA	Drilled to 170 ft using roller bit. 0-4.5 SAA, 4.2-4.5 fracture and weathered shale, possible bedrock					1430	
174.5	77	178.5	NA	4.0/3.5*	NA	0-3.5 SHALE, weathered med dark gray. Set 4 in. permanent steel casing at 176.5 ft. bgs.	174.5'				1530	
178.5	78	182	NA	NA*	NA	SHALE, heavily weathered.					2/11/11	
182	79	183	NA	NA***	NA	SHALE, heavily weathered.					2/15/11	
183	80	183.2	NA	NA	NA	2 in. spoon. SHALE					2/16/11	
183.2	81	183.4	NA	NA***	NA	SHALE, heavily weathered.					2/16/11	
183.4	82	187	NA	NA*	NA	No sample collected, drilled to 187 ft using roller bit.					2/17/11	
187	83	190	NA	NA*	NA	SHALE					2/17/11	
190	84	194	NA	NA*	NA	SHALE					2/17/11	
						End of boring at 194 ft bgs						
						Well Construction Details:						
						Screen (10 Slot): 184-194 ft						
						Riser: +2-184 ft						
						Sand Pack: 182-194 ft						
						Sand Choke: 173.5-182 ft						
						Grout: 0-173.5 ft						

* HQ core barrel

*** N core barrel

Formation Member	Unit	Run No. Depth	Pen. Rate (min. per foot)	Depth Scale	Lithologic Description (include in order: ROCK TYPE, color, grain size, texture, bedding, fracture & minerals.)	Core Recovery		RQD
						Length	Percent	
		1 179.0-181.2		179.0 181.0	SHALE, greenish gray (5G 6/1) fine grain, massive, horizontal bedding. Fractures at 179.4', 180.1', becomes very weathered at 180.55', greenish gray silt and clay weathered shale.	1.8	81%	75%
		2 181.2-182.0		181.2 182.0	SHALE, heavily weathered greenish gray (5G 6/1), mostly silt and clay matrix with some rock fragments, slightly competent rock in the last 0.05', silty and clayey material is moderately cohesive.	0.8	80%	0%
		3 182.0-183.0		182.0 183.0	SHALE, heavily weathered greenish gray (5G 6/1), mostly silt and clay matrix with some rock fragments, silty and clayey material is moderately cohesive.	1	100%	0%
		- 183.0-187.0		183.0 187.0	Drilled from 183.0' to 187.0' bgs using 3 7/8" roller bit	NA	NA	NA
		4 187.0-194.0		188.0 192.0 193.0 194.0	SHALE, greenish gray (5G 6/1) heavily weathered with zones of extremely weathered rock, similar to 181.2'-182.0' and 182.0'-183.0'. Vertical and horizontal fractures throughout.	7.0	100%	0%

O'BRIEN & GERE ENGINEERS, INC.						SOIL BORING LOG		REPORT OF BORING SB915-MW-92D			
Client: Honeywell						Sampler: 2" Split Spoon		Location: SCA			
Proj. Loc: Wastebed 13 SCA Camillus, NY						Hammer: 140-lb drop		Start Date: 1/18/2011			
File No.: 1163/46698						Fall: 30"		End Date: 1/19/2011			
Boring Company: Parratt-Wolff						Screen =		Grout			
Foreman: Markel Chatman						Riser		Sand Pack			
OBG Geologist: Nate Vogan								Sand Choke			
Depth Below Grade	No.	Depth (feet)	Blows /6"	Penetr/ Recovery (in ft)	"N" Value	Sample Description	Stratum Change General Descript	Equip. Installed	Field Testing		
									PID (ppm)	Time	
0	1	2	3-5-5-7	2.0/1.5	10	0-1.5 Medium Dense, dry, dark yellowish brown (10YR 4/2) MC GRAVEL with f-c sand, some silt	Berm	\	\	0.0	830
2	2	4	10-7-13-13	2.0/1.5	20	0-1.5 SAA	5'	\	\	0.0	835
4	3	6	35-27-42-50/0.2	1.7/1.7	69	0-1.0 SAA. 1.0-1.7 Dry, very dense, white (N9) SILT and SAND sized particles in a cemented matrix	Solvay Waste	\	\	0.0	900
6	4	8	12-50/0.2	0.8/0.6	>50	0-0.6 Very dense, white (N9) to light gray (N7) SILT and SAND sized particles in a cemented matrix		\	\	0.0	915
8	5	10	50/0.2	0.2/0.0	>50	No Recovery		\	\	NA	930
10	6	12	3-7-5-6	2.0/1.0	12	0-1.0 Medium dense, white (N9) to light gray (N7) SILT and SAND sized particles in a cemented matrix		\	\	0.0	940
12	7	14	6-5-7-5	2.0/0.0	12	No Recovery		\	\	NA	945
14	8	16	7-7-5-10	2.0/1.5	12	0-1.5 Medium dense, white (N9) to medium gray (N5) banded SILT and SAND sized particles in a cemented matrix		\	\	0.0	1015
16	9	18	17-17-12-15	2.0/1.5	29	0-1.5 SAA		\	\	0.0	1030
18	10	20	20-17-16-14	2.0/1.5	23	0-1.5 SAA		\	\	0.0	1100
20	11	22	8-22-20-10	2.0/1.5	42	0-1.5 SAA		\	\	0.0	1115
22	12	24	12-7-10-10	2.0/1.5	17	0-1.0 SAA		\	\	0.0	1130
24	13	26	12-32-14-13	2.0/1.5	46	0-1.5 SAA Light gray (N7)		\	\	0.0	1145
26	14	28	3-4-5-7	2.0/2.0	9	0-2.0 Stiff, white (N9) and medium gray (N5) SILT sized particles, consolidated to lightly cemented matrix		\	\	0.0	1200
28	15	30	2-5-1-2	2.0/2.0	6	0-2.0 SAA		\	\	0.0	1300
30	16	32	2-2-6-3	2.0/2.0	8	0-2.0 SAA		\	\	0.0	1310
32	17	34	5-3-2-2	2.0/2.0	5	0-2.0 SAA		\	\	0.0	1320
34	18	36	3-1-2-2	2.0/2.0	3	0-2.0 SAA		\	\	0.0	1330
36	19	38	3-2-6-4	2.0/1.5	8	0-1.5 SAA		\	\	0.0	1335
38	20	40	2-2-7-7	2.0/2.0	9	0-2.0 SAA		\	\	0.0	1345
40	21	42	4-3-3-3	2.0/1.5	6	0-1.5 SAA		\	\	0.0	1400
42	22	44	2-3-7-5	2.0/1.5	10	0-1.5 SAA		\	\	0.0	1415
44	23	46	WH-WH-1-2	2.0/1.75	1	0-1.75 SAA		\	\	0.0	1435
46	24	48	1-2-3-1	2.0/1.5	5	0-1.5 SAA		\	\	0.0	1450
48	25	50	4-1-1-1	2.0/1.75	2	0-1.75 SAA		\	\	0.0	1455
50	26	52	4-3-1-1	2.0/1.75	4	0-1.75 SAA		\	\	0.0	1500
52	27	54	6-5-6-4	2.0/1.25	11	0-1.25 SAA		\	\	0.0	1520
54	28	56	3-1-2-1	2.0/1.5	3	0-1.5 SAA	56'	\	\	0.0	1535

O'BRIEN & GERE ENGINEERS, INC.						SOIL BORING LOG		REPORT OF BORING SB915-MW-92D			
Client: Honeywell						Sampler: 2" Split Spoon		Location: SCA			
Proj. Loc: Wastebed 13 SCA Camillus, NY						Hammer: 140-lb drop		Start Date: 1/18/2011			
File No.: 1163/46698						Fall: 30"		End Date: 1/19/2011			
Boring Company: Parratt-Wolff						Screen =		Grout			
Foreman: Markel Chatman						Riser		Sand Pack			
OBG Geologist: Nate Vogan								Sand Choke			
Depth Below Grade	No.	Depth (feet)	Blows /6"	Penetr/ Recovery (in ft)	"N" Value	Sample Description	Stratum Change	General Descript	Equip. Installed	Field Testing	
										PID (ppm)	Time
56	29	58	9-13-17-32	2.0/1.75	30	0-1.75 Very hard, moist, pale brown (5YR 3/2) SILT, some clay with many fine distinct patches of pale red (5 R 6/2).		\	\	0.0	1545
58	30	60	17-25-24-27	2.0/1.75	49	0-1 SAA. 1-1.75 Dense, wet, olive gray (5Y 3/2) SILT, some fine sand, trace vegetation.	Silt	\	\	0.0	1555
60	31	62	7-9-14-16	2.0/1.6	23	0-1.6 Very stiff, wet, pale brown (5YR 5/2) SILT, some fine sand, occasional mottling with SAA olive gray (5Y 3/2).		\	\	0.0	10/18/10 1513
62	32	64	25-22-20-18	2.0/1.75	42	0-1.75 Hard, wet to saturated, pale brown (5YR 5/2) SILT, some fine sand, trace black mottling at 63.8-64 ft.		\	\	0.0	1525
64	33	66	12-21-15-15	2.0/0.8	36	0-0.8 Hard, wet to saturated, olive gray (5Y 3/2) SILT, little f sand, black mottling and pale red (5R 6/2) laminations at 64.5 ft.		\	\	0.0	1549
66	34	68	14-12-16-14	2.0/1.5	28	0-1.5 Very stiff, wet to saturated, pale brown (5YR 5/2) SILT, some f sand.	68'	\	\	0.0	1605
68	35	68.9	30-50/4	0.9/0.5	50+	0-0.9 Very Dense, wet, dark gray (N3) c-f GRAVEL, some c-f sand, trace silt.	Sand and Gravel	\	\	0.0	NA
70	36	70.6	59-50/0.2	0.8/0.6	50+	0-0.6 SAA, some matrix supported.		\	\	0.0	NA
72	37	74	30-38-36-48	2.0/1.0	74	0-0.4 SAA, wet to saturated. 0.4-1.0 Very dense, wet to saturated, pale brown (5YR 5/2) c-f GRAVEL and c-f sand, little silt.		\	\	0.0	10/19/10 0745
74	38	76	23-15-20-32	2.0/0.7	35	0-0.7 SAA, dense, saturated. Lost 50 gallons of mud from 73 - 75 ft.		\	\	0.0	750
76	39	78	22-23-24-28	2.0/1.5	47	0-1.5 SAA, dense, wet to saturated.		\	\	0.0	830
78	40	80	46-23-35-48	2.0/1.8	58	0-1.8 SAA, very dense, saturated, advance casing to 78 ft.		\	\	0.0	845
80	41	82	31-26-29-26	2.0/1.8	55	0-1.8 SAA, very dense, saturated.		\	\	0.0	1100
82	42	84	19-23-25-38	2.0/1.0	48	0-1.0 SAA, dense, wet to saturated. Mud breakdown, possible high chloride groundwater. Lost ~100 gallons fluid to formation.		\	\	0.0	NA
84	43	86	18-14-9-10	2.0/0.5	23	saturated, pale brown (5YR 5/2), c-f GRAVEL,		\	\	0.0	1630
86	44	88	23-25-23-20	2.0/1.0	48	0-1.0 Dense, saturated, pale brown (5YR 5/2), c-f GRAVEL and c-f sand, little silt.		\	\	0.0	1645
88	45	90	15-20-18-40	2.0/1.0	38	0-1.0 Dense, saturated, pale brown (5YR 5/2), m-c SAND and f-m gravel, some c gravel, little silt and f sand.		\	\	0.0	10/20/10 0800
90	46	92	22-18-11-7	2.0/1.0	29	0-1.0 Medium dense, saturated, well graded m-c SAND and f-m gravel, some c gravel, little silt and f sand.		\	\	0.0	915
92	47	94	NA	2.0/1.3	NA	Very dense, saturated, pale brown (5YR 5/2), well graded f-m-c sand, some f-m subrounded to subangular gravel, little silt.		=	=	0.0	1/19/2011 0915

O'BRIEN & GERE ENGINEERS, INC.						SOIL BORING LOG		REPORT OF BORING SB915-MW-92I			
Client: Honeywell						Sampler: 2" Split Spoon		Location: SCA			
Proj. Loc: Wastebed 13 SCA Camillus, NY						Hammer: Auto		Start Date: 1/20/2011			
File No.: 1163/46698						Fall: NA		End Date: 1/20/2011			
Boring Company: Parratt-Wolff						Screen Riser		Grout			
Foreman: Markel Chatman								Sand Pack			
OBG Geologist: Nate Vogan / Robert Trent								Sand Choke			
Depth Below Grade	No.	Depth (feet)	Blows /6"	Penetr/ Recovery (in ft)	"N" Value	Sample Description	Stratum Change General Descript	Equip. Installed	Field Testing		
									PID (ppm)	Time	
0	1	2	3-5-5-7	2.0/1.5	10	0-1.5 Medium Dense, dry, dark yellowish brown (10YR 4/2) MC GRAVEL with f-c sand, some silt	Berm	\	\	0.0	830
2	2	4	10-7-13-13	2.0/1.5	20	0-1.5 SAA	5'	\	\	0.0	835
4	3	6	35-27-42-50/0.2	1.7/1.7	69	0-1.0 SAA. 1.0-1.7 Dry, very dense, white (N9) SILT and SAND sized particles in a cemented matrix	Solvay Waste	\	\	0.0	900
6	4	8	12-50/0.2	0.8/0.6	>50	0-0.6 Very dense, white (N9) to light gray (N7) SILT and SAND sized particles in a cemented matrix		\	\	0.0	915
8	5	10	50/0.2	0.2/0.0	>50	No Recovery		\	\	NA	930
10	6	12	3-7-5-6	2.0/1.0	12	0-1.0 Medium dense, white (N9) to light gray (N7) SILT and SAND sized particles in a cemented matrix		\	\	0.0	940
12	7	14	6-5-7-5	2.0/0.0	12	No Recovery		\	\	NA	945
14	8	16	7-7-5-10	2.0/1.5	12	0-1.5 Medium dense, white (N9) to medium gray (N5) banded SILT and SAND sized particles in a cemented matrix		\	\	0.0	1015
16	9	18	17-17-12-15	2.0/1.5	29	0-1.5 SAA		\	\	0.0	1030
18	10	20	20-17-16-14	2.0/1.5	23	0-1.5 SAA		\	\	0.0	1100
20	11	22	8-22-20-10	2.0/1.5	42	0-1.5 SAA		\	\	0.0	1115
22	12	24	12-7-10-10	2.0/1.5	17	0-1.0 SAA		\	\	0.0	1130
24	13	26	12-32-14-13	2.0/1.5	46	0-1.5 SAA Light gray (N7)		\	\	0.0	1145
26	14	28	3-4-5-7	2.0/2.0	9	0-2.0 Stiff, white (N9) and medium gray (N5) SILT sized particles, consolidated to lightly cemented matrix		\	\	0.0	1200
28	15	30	2-5-1-2	2.0/2.0	6	0-2.0 SAA		\	\	0.0	1300
30	16	32	2-2-6-3	2.0/2.0	8	0-2.0 SAA		\	\	0.0	1310
32	17	34	5-3-2-2	2.0/2.0	5	0-2.0 SAA		\	\	0.0	1320
34	18	36	3-1-2-2	2.0/2.0	3	0-2.0 SAA		\	\	0.0	1330
36	19	38	3-2-6-4	2.0/1.5	8	0-1.5 SAA		\	\	0.0	1335
38	20	40	2-2-7-7	2.0/2.0	9	0-2.0 SAA		\	\	0.0	1345
40	21	42	4-3-3-3	2.0/1.5	6	0-1.5 SAA		\	\	0.0	1400
42	22	44	2-3-7-5	2.0/1.5	10	0-1.5 SAA		\	\	0.0	1415
44	23	46	WH-WH-1-2	2.0/1.75	1	0-1.75 SAA		\	\	0.0	1435
46	24	48	1-2-3-1	2.0/1.5	5	0-1.5 SAA		\	\	0.0	1450
48	25	50	4-1-1-1	2.0/1.75	2	0-1.75 SAA		\	\	0.0	1455
50	26	52	4-3-1-1	2.0/1.75	4	0-1.75 SAA		\	\	0.0	1500
52	27	54	6-5-6-4	2.0/1.25	11	0-1.25 SAA		\	\	0.0	1520
54	28	56	3-1-2-1	2.0/1.5	3	0-1.5 SAA		\	\	0.0	1535

O'BRIEN & GERE ENGINEERS, INC.						<u>SOIL BORING LOG</u>		REPORT OF BORING SB915-MW-92I			
Client: Honeywell						Sampler: 2" Split Spoon		Location: SCA			
Proj. Loc: Wastebed 13 SCA Camillus, NY						Hammer: Auto		Start Date: 1/20/2011		End Date: 1/20/2011	
File No.: 1163/46698						Fall: NA		Screen =		Grout Sand Pack Sand Choke	
Boring Company: Parratt-Wolff Foreman: Markel Chatman OBG Geologist: Nate Vogan / Robert Trent						Stratum Change		Field Testing			
Depth Below Grade	No.	Depth (feet)	Blows /6"	Penetr/ Recovery (in ft)	"N" Value	Sample Description	General Descript	Equip. Installed	PID (ppm)	Time	
56	29	58	9-13-17-32	2.0/1.75	30	0-1.75 Very hard, moist, pale brown (5YR 3/2) SILT, some clay with many fine distinct patches of pale red (5 R 6/2).	Silt	\	0.0	1545	
58	30	60	17-25-24-27	2.0/1.75	49	0-1 SAA. 1-1.75 Dense, wet, olive gray (5Y 3/2) SILT, some fine sand, trace vegetation.		\	0.0	1555	
60	31	62	7-9-14-16	2.0/1.6	23	0-1.6 Very stiff, wet, pale brown (5YR 5/2) SILT, some fine sand, occasional mottling with SAA olive gray (5Y 3/2).		\	0.0	10/18/10 1513	
62	32	64	25-22-20-18	2.0/1.75	42	0-1.75 Hard, wet to saturated, pale brown (5YR 5/2) SILT, some fine sand, trace black mottling at 63.8-64 ft.		\	0.0	1525	
64	33	66	12-21-15-15	2.0/0.8	36	0-0.8 Hard, wet to saturated, olive gray (5Y 3/2) SILT, little f sand, black mottling and pale red (5R 6/2) laminations at 64.5 ft.			0.0	1549	
66	34	68	14-12-16-14	2.0/1.5	28	0-1.5 Very stiff, wet to saturated, pale brown (5YR 5/2) SILT, some f sand.			0.0	1605	
68	35	68.9	30-50/4	0.9/0.5	>50	0-0.9 Very Dense, wet, dark gray (N3) c-f GRAVEL, some c-f sand, trace silt.	Sand and Gravel		0.0	NA	
69	36	71	NA	0.6/0.0	NA	Poor recovery, spoon refusal, c gravel, some c-m sand.		=	0.0	1/20/2011 1000	
71	37	73	NA	0.0/0.0	NA	No Sample, auger through refusal point to next sampling interval.		=	NA	NA	
74	38	76	23-15-20-32	2.0/0.7	35	0-0.7 SAA, dense, saturated. Lost 50 gallons of mud from 73 - 75 ft.		=	0.0	750	
76	39	78	22-23-24-28	2.0/1.5	47	0-1.5 SAA, dense, wet to saturated.		=	0.0	830	
78	40	80	46-23-35-48	2.0/1.8	58	0-1.8 SAA, very dense, saturated.		=	0.0	845	
End of boring at 79 ft bgs											
Well Construction Details:											
Screen: 69-79											
Riser: +2-69											
Sand Pack: 67-79											
Sand Choke: 64-67											
Grout: 0-64											

No samples taken from 0-69 ft, descriptions taken from SB915-MW-92BR. No samples taken from 71 to 79 feet due to spoon refusal, descriptions taken from SB915-MW-92BR. Where the blow counts are NA and the N value is NA an auto hammer was used.

O'BRIEN & GERE ENGINEERS, INC.						SOIL BORING LOG		REPORT OF BORING SB915-MW-92S			
Client: Honeywell						Sampler: 2" Split Spoon		Location: Wastedbed 13			
Proj. Loc: Settling Basins 9-15 Camillus, NY						Hammer: 140-lb drop		Start Date: 1/25/2011			
File No.: 1163/46698						Fall: 30"		End Date: 1/26/2011			
Boring Company: Parratt-Wolff						Screen =		Grout			
Foreman: Markel Chapman						Riser		Sand Pack			
OBG Geologist: Jason Newton								Sand Choke			
Depth Below Grade	No.	Depth (feet)	Blows /6"	Penetr/ Recovery (in ft)	"N" Value	Sample Description	Stratum Change		Field Testing		
							General Descript	Equip. Installed	PID (ppm)	Time	
0	1	2	3-5-5-7	2.0/1.5	10	0-1.5 Medium Dense, dry, dark yellowish brown (10YR 4/2) MC GRAVEL with f-c sand, some silt	Berm	\	\	0.0	830
2	2	4	10-7-13-13	2.0/1.5	20	0-1.5 SAA	5'	\	\	0.0	835
4	3	6	35-27-42-50/0.2	1.7/1.7	69	0-1.0 SAA. 1.0-1.7 Dry, very dense, white (N9) SILT and SAND sized particles in a cemented matrix	Solvay Waste	\	\	0.0	900
6	4	8	12-50/0.2	0.8/0.6	>50	0-0.6 Very dense, white (N9) to light gray (N7) SILT and SAND sized particles in a cemented matrix		\	\	0.0	915
8	5	10	50/0.2	0.2/0.0	>50	No Recovery		\	\	NA	930
10	6	12	3-7-5-6	2.0/1.0	12	0-1.0 Medium dense, white (N9) to light gray (N7) SILT and SAND sized particles in a cemented matrix		\	\	0.0	940
12	7	14	6-5-7-5	2.0/0.0	12	No Recovery		\	\	NA	945
14	8	16	7-7-5-10	2.0/1.5	12	0-1.5 Medium dense, white (N9) to medium gray (N5) banded SILT and SAND sized particles in a cemented matrix		\	\	0.0	1015
16	9	18	17-17-12-15	2.0/1.5	29	0-1.5 SAA		\	\	0.0	1030
18	10	20	20-17-16-14	2.0/1.5	23	0-1.5 SAA		\	\	0.0	1100
20	11	22	8-22-20-10	2.0/1.5	42	0-1.5 SAA		\	\	0.0	1115
22	12	24	12-7-10-10	2.0/1.5	17	0-1.0 SAA				0.0	1130
24	13	26	12-32-14-13	2.0/1.5	46	0-1.5 SAA Light gray (N7)				0.0	1145
26	14	28	3-4-5-7	2.0/2.0	9	0-2.0 Stiff, white (N9) and medium gray (N5) SILT sized particles, consolidated to lightly cemented matrix				0.0	1200
28	15	30	NA	2.0/2.0	NA	0-2.0 Damp to wet, white (N9) and medium gray (N5) bands, silt sized particles, semi-cemented		=		NA	1/26/11 1412
30	16	32	NA	2.0/1.0	NA	0-1.0 Damp, medium gray (N5) and white (N9) bands, SILT sized particles, little fm sand sized particles, semi-cemented		=		NA	1420
32	17	34	NA	2.0/1.5	NA	0-1.5 SAA, trace sand sized particles		=		NA	1424
34	18	36	NA	2.0/1.0	NA	0-1.0 SAA		=		NA	1435
36	19	38	NA	2.0/1.5	NA	0-1.0 SAA with one 1" black (N1) damp, fine SAND sized particles, 1.0-1.5 damp very dry, light gray (N8) medium gray (N5) and light olive gray (5Y 6/1) 1" bands, fm sand and silt, laminated in the medium gray (N5) bands		=		NA	1445
38	20	40	NA	2.0/1.0	NA	0-1.0 Damp, white (N9) to black (N1) bands SILT sized particles, trace fm sand, semi-cemented		=		NA	1500

No samples taken from 0-28 ft. Descriptions taken from SB915-MW-92BR.

Where the blow counts are NA and the N value is NA an auto hammer was used.

O'BRIEN & GERE ENGINEERS, INC. 333 West Washington Street Syracuse, New York 13221				J. Bone		CORE LOG 8/1/11-8/1/11		Hole No.: SB915-MW-93BR		Job No.: 46698	
						Sheet 1 of 1		Project: Wastebed 13 SCA			
Formation Member	Unit	Run No.	Pen. Rate	Depth Scale	Lithologic Description (include in order: ROCK TYPE, color, grain size, texture, bedding, fracture & minerals.)	Core Recovery		RQD			
		Depth	(min. per foot)			Length	Percent				
		1	0:00	142	Shale, dark gray (N3), fine grain, verythinly laminated 142-142.6, highly fractured, fractures at 142.15 (mechanical) 142.35-142.6 Shale, dark greenishgray (56 4/1) fine grain, very thinlly laminated, 142.6-148.4 highly fractured fractures at 142.8, 142.9, 145.0, 143.2, 143.3, 144.2, 144.43, 144.65, 144.8, 144.9, 145.1, 145.45, 145.5, 145.9(highly fractured), 146.15, 146.25-146.4, 146.6, 146.9, 147.25, 147.3, 147.35, 147.4, 147.55, 147.7-147.9, 148.0, 148.2, 148.3, remineralization of gypsum at 145.1,						
		1	12:00								
		1	12:00								
		1	7.75								
		1	7.5								
		1	4.75		145.5, 145.6, ultra thin laminations of gypsum throughout. 148.4-151.75 dark gray (N3) fine grain, very thinlly laminated, highly fractured, fractures at 148.5, 148.55, 148.6, 148.65, 148.9, 149.05, 149.2, 149.3, 149.5, 149.8, 149.95, 150.1, 150.2, 150.45, 150.65-150.75, 150.90, 151.3, 151.5, some gypsum remineralization in fractures, some clay deposits, and very thin laminations of gypsum throughout						
		1	6.5								
		1	8								
		1	7.5								
		1	8	152							

O'BRIEN & GERE ENGINEERS, INC.						SOIL BORING LOG		REPORT OF BORING SB915-MW-93BR			
Client: Honeywell						Sampler: 2" Split Spoon		Location: Wastedbed 13			
Proj. Loc: Settling Basins 9-15 Camillus, NY						Hammer: 140-lb drop		Start Date: 7/11/2011			
File No.: 1163/46698						Fall: 30"		End Date: 8/2/2011			
Boring Company: Parratt-Wolff						Screen		Grout			
Foreman: Jolanne, Layne Pech, Ian Griesse						Riser		Sand Pack			
OBG Geologist: R. Trent, J. Bone								Sand Choke			
Depth Below Grade	No.	Depth (feet)	Blows /6"	Penetr/ Recovery (in ft)	"N" Value	Sample Description	Stratum Change	General Descript	Equip. Installed	Field Testing	
										PID (ppm)	Time
0	1	2	20-26-25-24	2.0/1.75	51	Pale brown(5yr 5/2) silt, medium to course gravel, loose, dry little clay	Gravel, little clay	\	\	0.0	1418
2	2	4	24-50/0.4	0.9/0.9	50+	SAA Moderate yellow brown (wyr 5/4)		\	\	0.0	1425
4	3	6	11-16-9-8	2.0/0.5	25	SAA		\	\	0.0	1431
6	4	8	4-8-6-5	2.0/1.25	14	SAA, Damp		\	\	0.0	1442
8	5	10	4-3-3-3	2.0/1.25	6	SAA		\	\	0.0	1450
10	6	12	5-5-4-3	2.0/0.6	9	SAA		\	\	0.0	1455
12	7	14	10-5-18-20	2.0/1.0	33	SAA, Dry		\	\	0.0	1520
14	8	16	8-10-13-16	2.0/1.2	23	SAA		\	\	0.0	1525
16	9	18	8-15-20-22	2.0/1.5	35	SAA, Damp		\	\	0.0	1545
18	10	20	7-8-14-18	2.0/1.5	22	SAA, Increased silt and clay content, Dry		\	\	0.0	1600
20	11	22	13-14-17-16	2.0/1.5	31	SAA, wet from drilling fluids		\	\	0.0	7/12/11 800
22	12	24	8-30-16-18	2.0/2.0	46	SAA, At 23.5' change to Same as above with light olive gray 5y 5/2 and moderate reddish brown 10R 4/6 matrix of clay course sand and fine gravel increased		\	\	0.0	810
24	13	26	15-22-30-25	2.0/1.5	52	SAA		\	\	0.0	830
26	14	28	19-24-38-25	2.0/1.2	62	SAA		\	\	0.0	840
28	15	30	12-11-9-16	2.0/1.5	20	Moderate yellowish brown (5YR 5/4) course gravel and silt/clay matrix. Wet (from drilling mud?), dense		\	\	0.0	900
30	16	32	15-16-50/0.3	1.3/1.3	>66	SAA		\	\	0.0	905
32	17	34	11-40-22-16	2.0/1.5	69	SAA		\	\	0.0	930
34	18	36	17-22-23-33	2.0/1.5	45	SAA		\	\	0.0	940
36	19	38	25-37-17-11	2.0/1.5	54	SAA		\	\	0.0	950
38	20	40	21-15-25-11	2.0/1.5	40	SAA		\	\	0.0	1005
40	21	42	9-10-13-11	2.0/1.5	23	SAA		\	\	0.0	1015
42	22	44	10-16-11-21	2.0/1.5	27	SAA		\	\	0.0	1040
44	23	46	8-19-15-15	2.0/1.75	34	SAA		\	\	0.0	1150
46	24	48	10-10-15-32	2.0/1.5	25	SAA		\	\	0.0	1230
48	25	50	50/0	0.0/0.0	>50	No Recovery		\	\	0.0	1330

Augured to 20 ft, started mud rotary @ 20 ft through temporary 5 inch casing

O'BRIEN & GERE ENGINEERS, INC.						SOIL BORING LOG		REPORT OF BORING SB915-MW-93BR			
Client: Honeywell						Sampler: 2" Split Spoon		Location: Wastedbed 13			
Proj. Loc: Settling Basins 9-15 Camillus, NY						Hammer: 140-lb drop		Start Date: 7/11/2011			
File No.: 1163/46698						Fall: 30"		End Date: 8/2/2011			
Boring Company: Parratt-Wolff						Screen		Grout			
Foreman: Jolanne, Layne Pech, Ian Griesse						Riser		Sand Pack			
OBG Geologist: R. Trent, J. Bone								Sand Choke			
Depth Below Grade	No.	Depth (feet)	Blows /6"	Penetr/ Recovery (in ft)	"N" Value	Sample Description	Stratum Change General Descript	Equip. Installed	Field Testing		
									PID (ppm)	Time	
50	26	52	46-30-23-8	2.0/1.0	53	SAA last .4' No course gravel			0.0	1345	
52	27	54	50/0.5	0.5/0.5	>50	SAA			0.0	1400	
54	28	56	10-12-14-16	2.0/1.5	26	SAA			0.0	1530	
56	29	58	10-15-10-8	2.0/1.0	25	SAA			0.0	1550	
58	30	60	11-15-16-18	2.0/1.5	31	SAA, Increased fine gravel			0.0	7/13/11 750	
60	31	62	6-8-11-15	2.0/1.5	19	SAA, with fine gravel	62'		0.0	800	
62	32	64	49-40-45-35	2.0/1.5	85	Pale reddish brown (10R 5/4) Silt and medium gravel matrix supported, some fine sand little clay, dry, very dense	Till		0.0	830	
64	33	66	45-50/8	0.8/0.8	>95	SAA			0.0	900	
66	34	68	39-48-39-50	2.0/1.5	87	SAA			0.0	930	
						Coring till using HQ (3.78") Core barrel					
68	35	69.4	-	1.4/0.5	-	0-0.5 loose. Large subangular gravel, some Small to medium subangular gravel, little silt and fine sand , till matrix broke down during coring			0.0	7/21/11 1510	
69.4	36	74.8		4.8/1.0	-	0-1.0 loose, small medium and large subangular gravel			0.0	1600	
						Switched over to mud rotary will attempt to sample using 3"split spoon					
74.8	37	74.9	30/0.1	0.1/0.0	-	No recovery			-	7/22/11 915	
						Switching back to HQ core barrel					
74.9	38	79	-	5.0/0.5	-	0-0.5 Soft, brownish gray (5YR 4/1) silt and fine sand, medium to large round gravel, one large(approx. 2.5") of cemented sand and gravel most likely sluff from drilling and left over gravel, lost approx. 150 gal drill mud			-	1040	
						Driving spoon (3") at 79'					
79	39	79.4	-	0.4/0.1.	-	0-0.1 Extremely Hard cemented medium to course sand and small to medium subangular gravel			-	1100	
80	40	80.4	100/0.4	0.4/0.0	NA	No recovery 3" split spoon nose came off			0.0	1336	
82.1	41	84.1	-	2.0/0.5	-	Used HQ core barrel loose, saturated, medium to large subangular gravel with fine sand cemented to some larger gravel			0.0	1630	
84	42	86	19-39-50/0.0	1.0/1.0	>89	0-1.0 Very dense, wet, dark yellowish brown 10YR 4/2 Fine medium and course sand and silt matrix supporting medium to course subangular gravel	Till (Sandy matrix)		-	7/25/11 922	
86	43	88	30/0.2	0.2/0.0	>50	No recovery			0.0	1015	
88	44	90	23.50/0.2	0.8/0.8	>73	0-0.8 Very dense, wet, dark yellowish brown (10YR 4/2) fine medium and course sand and silt matrix supporting medium to course subangular gravel, trace large angular gravel			0.0	1055	

O'BRIEN & GERE ENGINEERS, INC.						SOIL BORING LOG		REPORT OF BORING SB915-MW-93BR			
Client: Honeywell						Sampler: 2" Split Spoon		Location: Wastedbed 13			
Proj. Loc: Settling Basins 9-15 Camillus, NY						Hammer: 140-lb drop		Start Date: 7/11/2011			
File No.: 1163/46698						Fall: 30"		End Date: 8/2/2011			
Boring Company: Parratt-Wolff						Screen		Grout			
Foreman: Jolanne, Layne Pech, Ian Griesse						Riser		Sand Pack			
OBG Geologist: R. Trent, J. Bone								Sand Choke			
Depth Below Grade	No.	Depth (feet)	Blows /6"	Penetr/ Recovery (in ft)	"N" Value	Sample Description	Stratum Change	Equip.		Field Testing	
							General Descript	Installed	PID (ppm)	Time	
90	45	92	26-18-5/0.1	1.1/1.0	-	0-1.0 Same as above, less silt Drilled to 94' very hard at 94' wanted to drill through it, to ensure good sample recovery		\	\	-	1150
90	45	92	26-18-5/0.1	1.1/1.0	-	0-1.0 Same as above, less silt Fluid loss approx. 100 gallons below 84 and 94 feet below ground surface		\	\	-	1150
96	48	98	WOR 1.0-8-13	2.0/1.0	8	0-1.0 soft, saturated, dark yellowish brown (10YR 4/2) fine to medium sand trace course sand	F-M Sand	\	\	0.0	1420
98	49	100	9-9-11-16	2.0/1.8	20	0-1.8 Same as above, trace silt Hard at 100' drilled to 101' to make sure it stays hard		\	\	-	1450
101	51	103	9-11-10-12	2.0/1.5	21	0-1.5 Same as above, trace medium Subrounded gravel		\	\	0.0	1520
103	52	105	6-15-16-13*	2.0/1.2	31	0-1.2 dense, saturated, dark yellowish brown (10YR 4/2) fine medium and course sand, trace small and medium gravel and silt	F-M-L Sand Trace gravel +silt	\	\	0.0	1615
105	53	107	15-18-19-21*	2.0/1.8	37	0-1.2 Same as above 1.2-1.8 medium dense, wet, dark yellowish brown (10YR 4/2) with flecks of greenish brown (5GY 6/1) and dark reddish brown (10R 3/4) silt and fine and medium sand matrix supporting little course sand, few small subrounded gravel, trace silt	Silt, sand and gravel matrix supported	\	\	0.0	7/26/11 824
107	54	109	19-50/0.4	0.9/0.9	>69	0-0.9 Same as above (1.2-1.8) slight increase in medium to course sand in matrix		\	\	0.0	835
109	55	111	24-28-28-29	2.0/1.4	57	0-1.4 Very dense, saturated, brownish gray (5YR 4/1) to dusky yellowish brown (10YR 2/2) medium to course sand, little fine sand, few s,all subrounded gravel trace silt	M-C Sand and gravel	\	\	0.0	940
111	56	113	16-24-23-24	2.0/1.3	47	0-1.3 Same as above, medium dark gray(N4) dense		\	\	0.0	955
113	57	115	25-28-24-26	2.0/1.5	52	0-1.5 Same as above		\	\	0.0	1043
115	58	117	27-50/0.2	0.7/0.7	>77	0-0.7 Same as above		\	\	0.0	1059
117	59	119	60/0.4	0.4/0.4	>60	0-0.4 Same as above		\	\	0.0	1255
119	60	121	43-50/0.3	0.8/0.7	>93	0-0.7 Very dense, dense pale reddish brown (10R 5/4) silt and trace clay matrix supporting little small to medium angular gravel and trace medium to course sand	Till	\	\	0.0	1455
121	61	123	37-50/0.3	0.8/0.8	>87	0-0.8 Same as above		\	\	0.0	1600
123	62	125	100/0.4	0.4/0.4	>100	0-0.4 same as above, large chunk of greenish gray (5G 6/1) weathered shale 0.2-0.2' till again 0.3-0.4		\	\	0.0	1640
125	63	127	100/0.4*	0.4/0.4	>100	0-0.4 Same as above, no weathered shale, extremely dense till		\	\	0.0	7/27/11 940
						Drilling down to 125' bgs with 5 7/8" roller bit 5" permanent steel casing set at 123.75' bgs, grouted in place		\	\		
						Drilled out casing to 125' bgs starting core at 125' bgs using HQ core barrel		\	\		

*Indicates the use of a 300 lb hammer

Fluid loss ~100 gallons 94-103 ft

O'BRIEN & GERE ENGINEERS, INC.						SOIL BORING LOG		REPORT OF BORING SB915-MW-93BR			
Client: Honeywell						Sampler: 2" Split Spoon		Location: Wastedbed 13			
Proj. Loc: Settling Basins 9-15 Camillus, NY						Hammer: 140-lb drop		Start Date: 7/11/2011			
File No.: 1163/46698						Fall: 30"		End Date: 8/2/2011			
Boring Company: Parratt-Wolff						Screen =		Grout			
Foreman: Jolanne, Layne Pech, Ian Griesse						Riser =		Sand Pack			
OBG Geologist: R. Trent, J. Bone								Sand Choke			
Depth Below Grade	No.	Depth (feet)	Blows /6"	Penetr/ Recovery (in ft)	"N" Value	Sample Description	Stratum Change General Descript	Equip. Installed	Field Testing		
									PID (ppm)	Time	
125	64	129.4	-	4.4/4.0	-	0-4.0 very dense, moist, olive gray (5Y 4/1) silt, trace clay and fine sand matrix supporting little medium to coarse sand and some small medium and large pieces of gravel			0.0	7/28/11 1235	
129.4	65	133.4	-	4.0/1.2	-	0-2.8 sluff material, sand and silt 2.8-4.0 Same as above (125-129.4) slight increase in medium to coarse sand in matrix	135.3'		0.0	1405	
133.4	66	138.4	-	5.0/3.4	-	0-0.3 Same as above 0.3-3.4 bedrock, med dark gray (N4) highly fractured shale transitioning to dark greenish gray (5G 4/1) shale heavily fractured	Bedrock (Shale)		0.0	1600	
						Drilling to 139.3' with 4 7/8 rollerbit. 4" steel casing will be set 0-139.3' bgs. Core run will be from 142-152' bgs, see core log for details				7/29/11	
142	67	144	-	10/8.75	-	0-8.75 Dark gray and dark greenish gray shale, highly fractured and weathered				8/1/11	
144		146									
146		148									
148		150									
150		152									
						End of Boring 152'					
						Well Construction (bgs)					
						Screen: 142-152 ft (10 Slot)					
						Riser: +2.5-142 ft					
						#0 Sand:140-152 ft					
						#00 Sand:137-140 ft					
						Grout: 0-137 ft					

~150-200 gallons of fluid lost while drilling 117-125 ft, for a total of ~600 gallons fluid loss. Mud breakdown from 109-125 ft, most likely due to saline water

O'BRIEN & GERE ENGINEERS, INC.						SOIL BORING LOG		REPORT OF BORING SB915-MW-93D				
Client: Honeywell						Sampler: 2" Split Spoon		Location: Wastedbed 13				
Proj. Loc: Settling Basins 9-15 Camillus, NY						Hammer: 140-lb drop		Start Date: 7/13/2011				
File No.: 1163/46698						Fall: 30"		End Date: 7/13/2011				
Boring Company: Parratt-Wolff						Screen		=		Grout		
Foreman: Jolanne						Riser		=		Sand Pack		
OBG Geologist: Robert Trent								=		Sand Choke		
Depth						Stratum				Field		
Below		Depth	Blows	Penetr/	"N"	Change				Testing		
Grade	No.	(feet)	/6"	Recovery	Value	General	Equip.				PID	Time
				(in ft)		Descript	Installed				(ppm)	
0	1	2	20-26-25-24	2.0/1.75	51	Pale brown(5yr 5/2) silt, medium to course gravel, loose, dry little clay	Gravel, little clay	\	\	\	0.0	1418
2	2	4	24-50/0.4	0.9/0.9	50+	SAA Moderate yellow brown (wyr 5/4)		\	\	\	0.0	1425
4	3	6	11-16-9-8	2.0/0.5	25	SAA		\	\	\	0.0	1431
6	4	8	4-8-6-5	2.0/1.25	14	SAA, Damp		\	\	\	0.0	1442
8	5	10	4-3-3-3	2.0/1.25	6	SAA		\	\	\	0.0	1450
10	6	12	5-5-4-3	2.0/0.6	9	SAA		\	\	\	0.0	1455
12	7	14	10-5-18-20	2.0/1.0	33	SAA, Dry		\	\	\	0.0	1520
14	8	16	8-10-13-16	2.0/1.2	23	SAA		\	\	\	0.0	1525
16	9	18	8-15-20-22	2.0/1.5	35	SAA, Damp		\	\	\	0.0	1545
18	10	20	7-8-14-18	2.0/1.5	22	SAA, Increased silt and clay content, Dry		\	\	\	0.0	1600
20	11	22	13-14-17-16	2.0/1.5	31	SAA, wet from drilling fluids		\	\	\	0.0	7/12/11 800
22	12	24	8-30-16-18	2.0/2.0	46	SAA, At 23.5' change to Same as above with light olive gray 5Y 5/2 and moderate reddish brown 10R 4/6 matrix of clay course sand and fine gravel increased		\	\	\	0.0	810
24	13	26	15-22-30-25	2.0/1.5	52	SAA		\	\	\	0.0	830
26	14	28	19-24-38-25	2.0/1.2	62	SAA		\	\	\	0.0	840
28	15	30	12-11-9-16	2.0/1.5	20	Moderate yellowish brown (5YR 5/4) course gravel and silt/clay matrix. Wet (from drilling mud?), dense		\	\	\	0.0	900
30	16	32	15-16-50/0.3	1.3/1.3	>66	SAA		\	\	\	0.0	905
32	17	34	11-40-22-16	2.0/1.5	69	SAA		\	\	\	0.0	930
34	18	36	17-22-23-33	2.0/1.5	45	SAA		\	\	\	0.0	940
36	19	38	25-37-17-	2.0/1.5	54	SAA		\	\	\	0.0	950
38	20	40	21-15-25-11	2.0/1.5	40	SAA		\	\	\	0.0	1005
40	21	42	9-10-13-11	2.0/1.5	23	SAA		\	\	\	0.0	1015
42	22	44	10-16-11-21	2.0/1.5	27	SAA		\	\	\	0.0	1040
44	23	46	8-19-15-15	2.0/1.75	34	SAA		\	\	\	0.0	1150
46	24	48	10-10-15-32	2.0/1.5	25	SAA		\	\	\	0.0	1230
Note: No Samples were collected from 0-52'. Sample descriptions are from MW-93BR												

O'BRIEN & GERE ENGINEERS, INC.						<u>SOIL BORING LOG</u>		REPORT OF BORING SB915-MW-93D		
Client: Honeywell						Sampler: 2" Split Spoon		Location: Wastedbed 13		
Proj. Loc: Settling Basins 9-15 Camillus, NY						Hammer: 140-lb drop		Start Date: 7/13/2011		
File No.: 1163/46698						Fall: 30"		End Date: 7/13/2011		
Boring Company: Parratt-Wolff						Screen		=	\	
Foreman: Jolanne						Riser			Grout	
OBG Geologist: Robert Trent									Sand Pack	
									Sand Choke	
Depth						Stratum Change	Equip. Installed	Field Testing		
Below Grade	No.	Depth (feet)	Blows /6"	Penetr/ Recovery (in ft)	"N" Value			General Descript	PID (ppm)	Time
48	25	50	50/0	0.0/0.0	>50	No Recovery		0.0	1330	
50	26	52	46-30-23-8	2.0/1.0	53	Same as above last .4' No course gravel		0.0	1345	
52	27	54	18-50-9	.9/.9	50+	Moderate yellowish brown (5YR 5/4) course gravel and silt, some medium and fine gravel, wet very dense	=	0.0	7/13/11 1430	
54	28	56	10-21-26- 12	2.0/1.5	47	SAA	=	0.0	1545	
56	29	58	9-20-50-.3	15/1.0	>70	SAA	=	0.0	1600	
58	30	60				SAA	=			
60	31	62				SAA, last 1" pale reddish brown (10R 5/4) silt and medium and fine gravel matrix supported some fine sand little clay and very dense	=			
						End of Boring 62 ft				
						Well Construction				
						Screen: 52-62 ft				
						Riser: +2.5-52 ft				
						#0 Sand: 50-62 ft				
						#00 Sand: 48-50 ft				

Note: No Samples were collected from 0-52'. Sample descriptions are from MW-93BR

O'BRIEN & GERE ENGINEERS, INC.						SOIL BORING LOG		REPORT OF BORING SB915-MW-93I			
Client: Honeywell						Sampler: 2" Split Spoon		Location: Wastedbed 13			
Proj. Loc: Settling Basins 9-15 Camillus, NY						Hammer: 140-lb drop		Start Date: 7/20/2011			
File No.: 1163/46698						Fall: 30"		End Date: 7/20/2011			
Boring Company: Parratt-Wolff						Screen		Grout			
Foreman: Layne Pech						Riser		Sand Pack			
OBG Geologist: Jonathan Bone								Sand Choke			
Depth Below Grade	No.	Depth (feet)	Blows /6"	Penetr/ Recovery (in ft)	"N" Value	Sample Description	Stratum Change	General Descript	Equip. Installed	Field Testing	
										PID (ppm)	Time
0	1	2	20-26-25-24	2.0/1.75	51	Pale brown(5yr 5/2) silt, medium to course gravel, loose, dry little clay	Gravel, little clay	\	\	0.0	1418
2	2	4	24-50/0.4	0.9/0.9	50+	SAA Moderate yellow brown (wyr 5/4)		\	\	0.0	1425
4	3	6	11-16-9-8	2.0/0.5	25	SAA		\	\	0.0	1431
6	4	8	4-8-6-5	2.0/1.25	14	SAA, Damp		\	\	0.0	1442
8	5	10	4-3-3-3	2.0/1.25	6	SAA		\	\	0.0	1450
10	6	12	5-5-4-3	2.0/0.6	9	SAA		\	\	0.0	1455
12	7	14	10-5-18-20	2.0/1.0	33	SAA, Dry		\	\	0.0	1520
14	8	16	8-10-13-16	2.0/1.2	23	SAA		\	\	0.0	1525
16	9	18	8-15-20-22	2.0/1.5	35	SAA, Damp		\	\	0.0	1545
18	10	20	7-8-14-18	2.0/1.5	22	SAA, Increased silt and clay content, Dry		\	\	0.0	1600
20	11	22	13-14-17-16	2.0/1.5	31	SAA, wet from drilling fluids		\	\	0.0	7/12/11 800
22	12	24	8-30-16-18	2.0/2.0	46	SAA, At 23.5' change to Same as above with light olive gray 5Y 5/2 and moderate reddish brown 10R 4/6 matrix of clay course sand and fine gravel increased		\	\	0.0	810
24	13	26	15-22-30-25	2.0/1.5	52	SAA		\	\	0.0	830
26	14	28	19-24-38-25	2.0/1.2	62	SAA		\	\	0.0	840
28	15	30	12-11-9-16	2.0/.5	20	Moderate yellowish brown (5YR 5/4) course gravel and silt/clay matrix. Wet (from drilling mud?), dense		\	\	0.0	900
30	16	32	15-16-50/0.3	1.3/1.3	>66	SAA		\	\	0.0	905
32	17	34	11-40-22-16	2.0/1.5	69	SAA		\	\	0.0	930
34	18	36	17-22-23-33	2.0/1.5	45	SAA		\	\	0.0	940
36	19	38	25-37-17-	2.0/1.5	54	SAA		\	\	0.0	950
38	20	40	25-45-40-46	2.0/1.5	85	0-1.5 Very Dense, saturated, dark yellowish brown (10YR 4/2) SILT and f-m SAND matrix supporting coarse sand and s-m angular gravel. Little coarse sand size flecks of greenish gray (5GY 6/1) and dusky red (5R 3/4) grains within matrix		=	\	0.0	7/20/11 1420
40	21	42	12-22-32-31	2.0/1.5	54	0-1.5 SAA		=	\	0.0	1442
42	22	44	19-27-18-23	2.0/1.8	45	0-1.8 SAA, dense		=	\	0.0	1455
44	23	46	42-29-12-13	2.0/1.0	41	0-1.0 SAA		=	\	0.0	1530
46	24	48	14-17-14-16	2.0/1.0	31	0-1.0 SAA		=	\	0.0	1535
Note: No Samples were collected from 0-38'. Sample descriptions are from MW-93BR											

O'BRIEN & GERE ENGINEERS, INC.						SOIL BORING LOG			REPORT OF BORING SB915-MW-93S			
Client: Honeywell						Sampler: 2" Split Spoon			Location: Wastedbed 13			
Proj. Loc: Settling Basins 9-15 Camillus, NY						Hammer: 140-lb drop			Start Date: 7/14/2011			
File No.: 1163/46698						Fall: 30"			End Date: 7/14/2011			
Boring Company: Parratt-Wolff						Screen			Grout			
Foreman: Jolanne						Riser			Sand Pack			
OBG Geologist: Nate Kranes									Sand Choke			
Depth	Below Grade	No.	Depth (feet)	Blows /6"	Penetr/ Recovery (in ft)	"N" Value	Sample Description	Stratum Change	General Descript	Equip. Installed	Field Testing	
											PID (ppm)	Time
0	1	2	20-26-25-24	2.0/1.75	51	Pale brown(5yr 5/2) silt, medium to course gravel, loose, dry little clay	Gravel, little clay	\	\	\	0.0	1418
2	2	4	24-50/0.4	0.9/0.9	50+	SAA Moderate yellow brown (wyr 5/4)		\	\	\	0.0	1425
4	3	6	11-16-9-8	2.0/0.5	25	SAA		\	\	\	0.0	1431
6	4	8	4-8-6-5	2.0/1.25	14	SAA, Damp		\	\	\	0.0	1442
8	5	10	4-3-3-3	2.0/1.25	6	SAA		\	\	\	0.0	1450
10	6	12	5-5-4-3	2.0/0.6	9	SAA		\	\	\	0.0	1455
12	7	14	10-5-18-20	2.0/1.0	33	SAA, Dry		\	\	\	0.0	1520
14	8	16	8-10-13-16	2.0/1.2	23	SAA		\	\	\	0.0	1525
16	9	18	8-15-20-22	2.0/1.5	35	SAA, Damp		\	\	\	0.0	1545
18	10	20	7-8-14-18	2.0/1.5	22	SAA, Increased silt and clay content, Dry		\	\	\	0.0	1600
20	11	22	18-47-21-21	2.0/2.1	68	Pale brown silt and mf gravel, little c-f sand very dense, moist	Sand and Gravel	\	\	\	0.0	7/14/11 1352
22	12	24	23-38-50/0.3	1.3/1.0	>85	SAA, saturated at 23' bgs		\	\	\	0.0	1401
24	13	26	13-14-44-24	2.0/1.5	58	SAA - 24.8', 24.8-26.0 SAA- color change to light olive gray (5Y 5/2) and moderate reddish brown (10R 4/6) with clay matrix, saturated, very dense		=	=	=	0.0	1440
26	14	28	24-14-12-10	2.0/2.0	36	SAA, saturated , dense		=	=	=	0.0	1447
28	15	30	10-20-30-32	2.0/1.0	50	SAA saturated, very dense		=	=	=	0.0	1515
30	16	32	9-9-4-2	2.0/1.2		0.8 SAA 0.4 course to fine sand and medium to fine gravel, trace silt		=	=	=	0.0	1530
32	17	34	2-2-4-8	2.0/1.5		SAA silt and medium to fine gravel with clay matrix, saturated, loose		=	=	=	0.0	1536
						End of boring 34' bgs						
						Well Construction (bgs)						
						Screen: 22-32 ft						
						Riser: +2.5-22 ft						
						#0 Sand: 20-32 ft						
						#00 Sand: 18-20 ft						
						Grout: 0-18 ft						

Note: No Samples were collected from 0-20'. Sample descriptions are from MW-93BR

O'BRIEN & GERE ENGINEERS, INC.						SOIL BORING LOG		REPORT OF BORING SB915-MW-94S			
Client: Honeywell						Sampler: 2" Split Spoon		Location: Wastedbed 13			
Proj. Loc: Settling Basins 9-15 Camillus, NY						Hammer: 140-lb drop		Start Date: 7/5/2011			
File No.: 1163/46698						Fall: 30"		End Date: 7/6/2011			
Boring Company: Parratt-Wolff						Screen		Grout			
Foreman: Layne Pech						Riser		Sand Pack			
OBG Geologist: J. Newton, J. Bone								Sand Choke			
Depth Below Grade	No.	Depth (feet)	Blows /6"	Penetr/ Recovery (in ft)	"N" Value	Sample Description	Stratum Change General Descript	Field Testing			
								Equip. Installed	PID (ppm)	Time	
0	1	2	6-13-14-14	2.0/0.5	27	0-0.5 top soil, grayish brown (5YR 8/4) medium dense	Fill	\	\	0.1	7/5/11 1245
2	2	4	8-8-9-7	2.0/2.5	17	0-0.25 dry medium dense pale brown (5YR 5/2) Fine to very course subangular to angular SAND and silt, trace fm gravel moist in sample		\	\	0.0	1252
4	3	6	2-2-5-5	2.0/1.0	7	0-1.0 firm, wet (moist in sample), moderate brown (5YR 4/4) CLAY, common, medium, distinct grayish black (N2) molting	Silt and Clay, some sand	\	\	0.0	1308
6	4	8	5-5-3-3	2.0/2.0	8	0-1.0 firm, moist dark yellowish brown (5YR 4/4) CLAY some mc sand (angular), little fm gravel, some plant material. 1.0-1.5 firm, moist, moderate brown (5YR 4/4) clay with common, medium, distinct grayish black (N2) mottling. 1.5-2.0 firm, moist dark yellowish brown (10YR 4/2) fine to very fine sand with some silt		\	\	0.0	1320
8	5	10	4-4-6-11	2.0/1.5	10	0-1.0 stiff, moist, moderate brown (5YR 4/4) CLAY with common medium distinct, grayish black (N2) mottling. 1.0-1.5 stiff, moist, moderate yellowish brown (10YR 5/4) silt and very fine sand		\	\	0.0	1328
10	6	12	3-5-6-7	2.0/1.0	11	0-0.25 stiff, moist, moderate brown (5YR 4/4) CLAY with trace plant material. 0.25-1.0 stiff, moist dark yellowish brown (10YR 2/2) SILT with trace clay		\	\	0.0	1340
12	7	14	8-8-8-8	2.0/1.0	11	0.0-0.5 hard, moist, moderate brown (5YR 4/4) CLAY with trace plant material with trace course sand. 0.5-1.5 stiff, moist dark yellowish brown (10YR 2/2) SILT with trace clay		\	\	0.0	1346
14	8	16	2-2-2-3	2.0/1.5	4	0-0.5 soft, wet, moderate brown (5YR 4/4) CLAY, with few medium, faint, black (N2) mottling. 0.5-1.5 soft, wet to saturated, dark yellowish brown (10YR 2/2) SILT with trace clay and trace fine to very fine sand		\	\	0.0	1400
16	9	18	5-5-5-7	2.0/1.5	10	0-1.5 SAA		\	\	0.0	1410
18	10	20	3-4-5-6	2.0/1.5	9	0-0.25 Stiff, saturated, moderate brown (5YR 4/4) CLAY with few medium, faint to distinct black (N2) mottling. 0.25-1.25 stiff saturated, dark yellowish brown (10YR 2/2) very fine to fine SAND and silt		\	\	0.0	1418
20	11	22	4-7-7-5	1.5/1.0	7	0-1.0 SAA, grain size increasing with depth, small 1" clay layer at top hit rock at about 21.5' bgs		=	=	0.0	1426
22	12	24	30-84	1.0/1.0	114	0-1.0 extremely dense, saturated medium gray (N5) fmc GRAVEL	Sand and Gravel Some Silt	=	=	0.0	1446

O'BRIEN & GERE ENGINEERS, INC.						SOIL BORING LOG		REPORT OF BORING SB915-MW-94S			
Client: Honeywell						Sampler: 2" Split Spoon		Location: Wastedbed 13			
Proj. Loc: Settling Basins 9-15 Camillus, NY						Hammer: 140-lb drop		Start Date: 7/5/2011			
File No.: 1163/46698						Fall: 30"		End Date: 7/6/2011			
Boring Company: Parratt-Wolff						Screen		Grout			
Foreman: Layne Pech						Riser		Sand Pack			
OBG Geologist: J. Newton, J. Bone								Sand Choke			
Depth Below Grade	No.	Depth (feet)	Blows /6"	Penetr/ Recovery (in ft)	"N" Value	Sample Description	Stratum Change	General Descript	Equip. Installed	Field Testing	
										PID (ppm)	Time
24	13	26	10-21-26- 28	2.0/1.0	47	0-1.0 dense, saturated, brownish gray (5YR 4/1) fmc angular SAND and little silt		=		0.0	1510
26	14	28	20-6-9-11	2.0/0.5	15	0-0.5 medium dense, standard, brownish gray(5YR 4/1) SILT and fine sand matrix supporting some fmc gravel		=		0.0	1517
28	15	30	30-14-9-7	2.0/1.0	23	0-1.0 SAA		=		1.5	7/6/11 915
						End of boring 30' bgs					
						Well Construction (bgs)					
						Screen: 20-30 ft (10 slot)					
						Riser: +2.5-20 ft					
						#0 Sand: 18-30 ft					
						#00 Sand: 16-18 ft					
						Grout: 0-16 ft					

O'BRIEN & GERE ENGINEERS, INC.						SOIL BORING LOG		REPORT OF BORING SB915-MW-95S			
Client: Honeywell						Sampler: 2" Split Spoon		Location: Wastedbed 13			
Proj. Loc: Settling Basins 9-15 Camillus, NY						Hammer: 140-lb drop		Start Date: 7/7/2011			
File No.: 1163/46698						Fall: 30"		End Date: 7/7/2011			
Boring Company: Parratt-Wolff						Screen =		Grout			
Foreman: Layne Pech						Riser		Sand Pack			
OBG Geologist: J.Bone								Sand Choke			
Depth Below Grade	No.	Depth (feet)	Blows /6"	Penetr/ Recovery (in ft)	"N" Value	Sample Description	Stratum Change General Descript	Equip. Installed	Field Testing		
									PID (ppm)	Time	
0	1	2	8-30-40-45	2.0/1.4	70	0-0.8 Very dense, dry, light gray (N8) fmc SAND and silt, some sm angular gravel. 0.8-1.4 very dense, dry, dusky brown (5YR 2/2) SILT little fm sand few small angular gravel	Fill	\	\	7/7/11 944	
2	2	4	62-73-50/0.1	2.0/1.1	>123	0-1.1 Very dense, dry, brownish gray (5YR 4/1) SILT matrix, supproting Medium to course sand, some Small to medium Angular gravel	Silt, sand and gravel	\	\	0.0 948	
4	3	6	17-7-13-19	2.0/0.0	20	No Recovery		\	\	- 958	
6	4	8	10-8-5-4	2.0/2.0	13	0-1.5 Medium, dry, moderate brown (5YR 3/4) fine SAND, v. trace course sand band 0.8-1.0. 1.5-2.0 Stiff, slightly moist, moderate brown (5YR 3/4) SILT and CLAY slightly cohesive.	Fine sand	\	\	0.0 1002	
8	5	10	12-35-15-18	2.0/1.0	50	0-0.6 Same as above (1.5-2.0). 0.6-0.8 Very dense, dry, Medium light gray (N6) sm angular gravel pieces, some fine, medium and course sand. 0.8-1.0 Very dense, dry brownish gray (5YR 4/1) SILT matrix supporting fm sand sized greenish gray (5GY 6/1) and dark reddish brown (10R3/4) peices	Dense Sand and Gravel	\	\	0.0 1016	
10	6	12	8-9-9-8	2.0/1.0	18	0-1.0 Medium dense, dry brownish gray mc SAND, some sm subangular gravel, trace silt trace light brown oxidation on medium gravel	Sand and gravel some silt	\	\	0.0 1030	
12	7	14	12-11-10-8	2.0/1.3	21	0-1.3 SAA, less medium gravel, increase in fine sand and silt		\	\	0.0 1035	
14	8	16	13-10-8-7	2.0/1.0	18	0-1.0 Medium dense, dry, brownish gray (5YR 4/1) mc SAND some silt, few large angular gravel pieces, little sm subangular gravel	Sand and gravel some silt	\	\	0.0 1105	
16	9	18	9-8-15-11	2.0/1.0	23	0-1.0 Medium dense, dry, olive gray (5Y 4/1), mc SAND some fine sand, few ml sub angular gravel	Sand and gravel some silt	\	\	0.0 1108	
18	10	20	16-7-7-8	2.0/0.1	14	0-0.1 SAA		\	\	0.0 1128	
20	11	22	8-5-5-5	2.0/1.1	10	0-0.6 SAA. 0.6-1.1 Loose, slightly moist, brownish gray (5YR 4/1) fmc SAND some small to medium subangular gravel, trace silt		\	\	0.0 1142	

O'BRIEN & GERE ENGINEERS, INC.						SOIL BORING LOG		REPORT OF BORING SB915-MW-95S			
Client: Honeywell						Sampler: 2" Split Spoon		Location: Wastedbed 13			
Proj. Loc: Settling Basins 9-15 Camillus, NY						Hammer: 140-lb drop		Start Date: 7/7/2011			
File No.: 1163/46698						Fall: 30"		End Date: 7/7/2011			
Boring Company: Parratt-Wolff						Screen =		Grout			
Foreman: Layne Pech						Riser		Sand Pack			
OBG Geologist: J.Bone								Sand Choke			
Depth Below Grade	No.	Depth (feet)	Blows /6"	Penetr/ Recovery (in ft)	"N" Value	Sample Description	Stratum Change General Descript	Equip. Installed	Field Testing		
									PID (ppm)	Time	
22	12	24	4-4-4-6	2.0/1.0	8	0-1.0 Loose, moist, brownish gray (5YR 4/1) mc SAND and sml subangular gravel	Sand and Gravel		0.0	1145	
24	13	26	10-5-5-8	2.0/0.5	10	0-0.5 SAA, less moist			0.0	1208	
26	14	28	5-4-4-4	2.0/1.0	8	0-0.7 Loose, dry, brownish gray (5YR 4/1) mc SAND, some sm gravel, few large angular gravel, trace silt. 0.7-1.0 Loose, wet, brownish gray (5YR 4/1), mc SAND some sm angular gravel, trace silt		=	0.0	1210	
28	15	30	2-2-5-13	2.0/0.6	7	0-0.6 Loose, saturated, brownish gray (5YR 4/1) mc subrounded SAND some sml subrounded gravel, trace silt		=	0.0	1307	
30	16	32	3-2-13-6	2.0/1.0	15	0-1.0 Medium dense, saturated, brownish gray(5YR 4/1)mc subrounded SAND some sml subrounded gravel, trace silt		=	0.0	1318	
32	17	34	7-6-7-6	2.0/1.0	13	0-1.0 SAA		=	0.0	1322	
34	18	36	8-6-8-12	2.0/1.0	14	0-1.0 SAA		=	0.0	1335	
						End of boring 36' bgs					
						Well Construction (bgs)					
						Screen: 26-36 ft (10 slot)					
						Riser: +2.5-26 ft					
						#0 Sand: 24-36 ft					
						#00 Sand: 22-24 ft					
						Grout: 0-22 ft					

O'BRIEN & GERE ENGINEERS, INC.						<u>SOIL BORING LOG</u>		REPORT OF BORING SB915-MW-96S			
Client: Honeywell						Sampler: 2" Split Spoon		Location: Wastedbed 13			
Proj. Loc: Settling Basins 9-15 Camillus, NY						Hammer: 140-lb drop		Start Date: 7/8/2011			
File No.: 1163/46698						Fall: 30"		End Date: 7/8/2011			
Boring Company: Parratt-Wolff						Screen		Grout			
Foreman: Layne Pech						Riser		Sand Pack			
OBG Geologist: J. Bone								Sand Choke			
Depth Below Grade	No.	Depth (feet)	Blows /6"	Penetr/ Recovery (in ft)	"N" Value	Sample Description	Stratum Change		Field Testing		
							General Descript	Equip. Installed	PID (ppm)	Time	
0	1	2	12-12-7-8	2.0/1.2	19	0-0.7 Very stiff, dry, moderate brown (5YR 3/4) SILT, few coarse sand, trace small gravel. 0.7-1.2 Loose, dry, medium gray (N5) s-m-l gravel, some mc sand, trace silt	Fill	\	\	0.6	857
2	2	4	16-12-12-21	2.0/2.0	24	0-0.5 SAA (0.7-1.2) 0.5-2.0 Very stiff dry, grayish brown (5YR 3/2) SILT matrix supporting trace m-c sand	Silt	\	\	0.0	900
4	3	6	15-5-12-9	2.0-1.2	17	0-0.7 SAA, few large angular, gravel pieces and coarse sand. 0.7-1.2 Stiff, dry, grayish brown (5YR 3/2) to dusky red (5R 3/4) silt matrix supporting m-c sand with very dark red (5R 2/6) large angular rock pieces	Silt, sand and gravel	\	\	0.0	911
6	4	8	9-9-7-7	2.0/1.2	16	0-1.2 Medium dense, dry, dark yellowish brown (10YR 4/2) SILT and f-m-c sand, some s-m-l angular gravel.	\	\	\	0.0	915
8	5	10	6-4-8-7	2.0/1.0	12	0-1.0 loose, dry, dark yellowish brown (10YR 4/2) f-m-c SAND, some silt, few s-m gravel trace large angular gravel	\	\	\	0.0	930
10	6	12	5-7-8-7	2.0/1.0	15	0-1.0 SAA, moist in zone with higher large gravel content (0.4-0.6)	\	\	\	0.0	937
12	7	14	9-9-7-7	2.0/1.8	16	0-1.8 Medium dense, dry to slightly moist, dark, yellowish brown (10YR 4/2) f-m-c SAND some silt, few s-m-l subangular gravel	\	\	\	0.0	940
14	8	16	33-28-13-12	2.0/0.5	41	0-0.5 Dense, moist, med gray (N5) m-c SAND, some large angular gravel, few s-m gravel, trace silt	\	\	\	0.0	957
16	9	18	7-6-6-6	2.0/2.0	12	0-2.0 Loose dry, dark yellowish brown (10YR 4/2) f-m-c SAND some s-m subangular gravel, silt, trace, large angular gravel	\	\	\	0.0	1001
18	10	20	6-6-6-6	2.0/1.1	12	0-1.1 SAA	\	\	\	0.0	1012
20	11	22	5-6-6-6	2.0/1.0	12	0-1.0 loose, dry, dark yellowish brown (10YR 4/2) f-m-c SAND, trace s-m gravel	\	\	\	0.0	1043
22	12	24	8-7-13-10	2.0/1.0	12	0-1.0 SAA, slight increase in gravel content	\	\	\	0.0	1048
24	13	26	7-7-6-4	2.0/1.5	13	0-1.5 SAA	\	\	\	0.0	1110
26	14	28	10-7-10-8	2.0/1.0	17	0-1.0 SAA	=	=	=	0.0	1113
28	15	30	1-3-3-3	2.0/1.0	6	0-1.0 SAA, saturated	=	=	=	0.0	1130
30	16	32	2-5-7-6	2.0/1.5	12	0-1.5 Medium dense, saturated, dark yellowish brown (10YR 4/2) m-c SAND, little s-m gravel, trace silt	=	=	=	0.0	1140
32	17	34	6-7-7-5	2.0/1.5	14	0-1.0 SAA, slight increase in small gravel content and silt	=	=	=	0.0	1145
34	18	36	6-8-11-12	2.0/1.5	19	0-1.5 SAA	=	=	=	0.0	1155

O'BRIEN & GERE ENGINEERS, INC.						<u>SOIL BORING LOG</u>		REPORT OF BORING SB915-MW-96S				
Client: Honeywell						Sampler: 2" Split Spoon		Location: Wastedbed 13				
Proj. Loc: Settling Basins 9-15 Camillus, NY						Hammer: 140-lb drop		Start Date: 7/8/2011				
File No.: 1163/46698						Fall: 30"		End Date: 7/8/2011				
Boring Company: Parratt-Wolff						Screen =		Grout				
Foreman: Layne Pech						Riser		Sand Pack				
OBG Geologist: J. Bone								Sand Choke				
Depth	Below Grade	No.	Depth (feet)	Blows /6"	Penetr/ Recovery (in ft)	"N" Value	Sample Description	Stratum Change	General Descript	Equip. Installed	Field Testing	
											PID (ppm)	Time
36		19	38	13-16-16-16	2.0/0.4	32	0-0.4 Dense, saturated, dark yellowish brown (10YR 4/2) SILT and f-m SAND matrix supporting some coarse sand and small subrounded gravel			=	0.0	1200
							End of Boring at 38 ft bgs					
							Well Construction (bgs)					
							Screen: 26-36 ft (10 Slot)					
							Riser: +2.5-26 ft					
							#0 Sand: 24-36 ft					
							#00 Sand: 22-24 ft					
							Grout: 0-22 ft					

O'BRIEN & GERE ENGINEERS, INC.						SOIL BORING LOG		REPORT OF BORING SB915-MW-97S			
Client: Honeywell						Sampler: 2" Split Spoon		Location: Wastebed 13			
Proj. Loc: Settling Basins 9-15 Camillus, NY						Hammer: 140-lb drop		Start Date: 7/8/2011			
File No.: 1163/46698						Fall: 30"		End Date: 7/11/2011			
Boring Company: Parratt-Wolff						Screen		Grout			
Foreman: Layne Pech						Riser		Sand Pack			
OBG Geologist: J. Bone								Sand Choke			
Depth Below Grade	No.	Depth (feet)	Blows /6"	Penetr/ Recovery (in ft)	"N" Value	Sample Description	Stratum Change General Descript	Field Testing		PID (ppm)	Time
								Equip. Installed			
0	1	2	16-36-22-33	2.0/1.5	58	0-1.5 Very dense, dry, brownish gray (5YR 4/1) s-m-large angular GRAVEL, little silt and m-c sand.	Fill	\	\	1.1	7/8/11 1515
2	2	4	13-15-7-12	2.0/1.2	22	0-1.2 Very stiff, dry, dark yellowish brown (10YR 4/2) SILT, some s-m gravel first 0.0-0.2'	Silt	\	\	0.0	1517
4	3	6	6-5-3-4	2.0/0.7	8	0-0.7 SAA, no gravel		\	\	0.0	1532
6	4	8	5-5-5-5	2.0/1.2	10	0-1.2 SAA, slightly moist		\	\	0.0	1535
8	5	10	1-2-4-3	2.0/1.0	6	0-1.2 SAA, moderate brown, medium, trace clay	Silt, trace clay	\	\	0.0	1550
10	6	12	1-3-4-5	2.0/1.6	7	0-1.6 SAA		\	\	0.0	1559
12	7	14	8-11-58/(0.5)	1.5/1.3	>69	0-0.2 SAA. 0.2-1.3 Very dense, dry dark yellowish brown (10YR 4/1) SILT and m-c SAND matrix supporting some s-m gravel, trace large angular gravel	Silt, sand and gravel	\	\	0.0	1603
14	8	16	6-12-9-7	2.0/1.2	21	0-1.2 Medium dense, dry, grayish brown brown(5YR 3/2) f-m-c SAND, little silt and s-m gravel, trace large gravel		\	\	0.0	1620
16	9	18	13-16-7-8	2.0/1.4	23	0-1.4 SAA		\	\	0.0	1625
18	10	20	2-9-8-8	2.0/1.0		0-1.0 Dense, dry, Dark yellowish brown (10 YR 4/1) f-m-c SAND and SILT, trace s-m gravel		\	\	0.0	7/11/11 915
20	11	22	8-8-4-6	2.0/1.2	12	0-1.2 SAA, slightly less silt, slightly moist		\	\	0.0	922
22	12	24	5-8-9-8	2.0/1.5	17	0-1.5 Medium dense, dry, dark yellowish brown (10YR 2/3) m-c SAND, little silt, few s-m gravel, trace large angular gravel		=	=	0.0	927
24	13	26	9-10-16-12	2.0/1.0	26	0-1.0 SAA, dense, Silt matrix supported 0.2-0.4'		=	=	0.0	944
26	14	28	11-9-10-9	2.0/<0.1	19	Very low recovery, SAA, saturated split spoon sampler appears wet 0-1.0 ground water at ~27' below ground surface.		=	=	-	950
28	15	30	4-3-9-9	2.0/1.0	12	0-0.4 Soft, saturated, dark yellowish brown (10YR 4/2) SILT matrix supporting little m-c sand. 0.4-1.0 Loose, saturated medium gray (N5) m-c SAND little s-m subrounded gravel, trace silt	Sand and gravel	=	=	0.0	958
30	16	32	4-4-6-6	2.0/1.5	10	0-1.5 SAA (0.4-1.0) little silt		=	=	0.0	1005
32	17	34	5-5-5-5	2.0/1.5	10	0-1.5 SAA no silt		=	=	0.0	1008
34	18	36	3-2-3-6	2.0/1.5	5	0-1.5 SAA		=	=	0.0	1015
						End of boring 35' bgs					
						Well Construction (bgs)					
						Screen: 25-35 ft (20 slot)					
						Riser: +2.5-25 ft					
						#0 Sand: 23-35 ft					
						#00 Sand: 21-23 ft					
						Grout: 0-21 ft					

O'BRIEN & GERE ENGINEERS, INC.						SOIL BORING LOG		REPORT OF BORING SB915-MW-98S			
Client: Honeywell						Sampler: 2" Split Spoon		Location: Wastedbed 13			
Proj. Loc: Settling Basins 9-15 Camillus, NY						Hammer: 140-lb drop		Start Date: 7/11/2011			
File No.: 1163/46698						Fall: 30"		End Date: 7/11/2011			
Boring Company: Parratt-Wolff						Screen		Grout			
Foreman: Layne Pech						Riser		Sand Pack			
OBG Geologist: J. Bone								Sand Choke			
Depth Below Grade	No.	Depth (feet)	Blows /6"	Penetr/ Recovery (in ft)	"N" Value	Sample Description	Stratum Change General Descript	Equip. Installed	Field Testing		
									PID (ppm)	Time	
0	1	2	7-30-46-40	2.0/1.5	76	0-1.5 Very dense, dry, medium light gray (N6) SILT matrix supporting large angular gravel, some course sand	Fill	\	\	0.0	1348
2	2	4	30-16-16-14	2.0/1.5	32	0-0.5 SAA. 0.5-1.5 stiff, dry, moderate yellowish brown (10YR 5/4) silt	Silt	\	\	0.0	1352
4	3	6	3-5-4-5	2.0/1.3	9	0.1.3 SAA (0.5-1.5) moist		\	\	0.0	1410
6	4	8	6-5-6-6	2.0/2.0	11	0-2.0 SAA		\	\	0.0	1412
8	5	10	2-2-2-2	2.0/1.5	4	0-1.5 SAA		\	\	0.0	1420
10	6	12	1-1-1-1	2.0/1.5	2	0-1.5 SAA, trace fine sand	Silt trace Sand	\	\	0.0	1430
12	7	14	4-3-3-4	2.0/1.5	6	0-1.5 SAA		\	\	0.0	1432
14	8	16	4-6-7-10	2.0/1.8	13	0-1.8 Stiff, moist, moderate yellowish brown (10YR 5/4) fine SAND some SILT	Fine Sand some Silt	\	\	0.0	1442
16	9	18	6-9-12-7	2.0/2.0	21	0-2.0 SAA, very stiff		\	\	0.0	1445
18	10	20	1-2-2-2	2.0/2.0	4	0-2.0 Very soft, wet, brownish gray (5YR 4/1) SILT and CLAY, moderatly cohesive	Silt and Clay	\	\	0.0	1508
20	11	22	1-1-10-20	2.0/1.2	11	0-1.0 SAA. 1.0-1.2 Dense, dry greenish gray (5GY 6/1) and moderate red (5R 4/6) SILT and fine SAND matrix supporting course sand and small gravel				0.0	1520
22	12	24	36-26-20-13	2.0/1.5	46	0-1.5 SAA. (1.0-1.2) S-m-l angular gravel, very dense	Matrix supported Sand and gravel			0.0	1525
24	13	26	9-21-18-17	2.0/1.5	39	0-0.5 Dense dry, pale brown (5YR 5/2) m-c SAND and angular GRAVEL. 0.5-1.5 Dense, saturated, grayish brown (5YR 3/2) m-c sand, some s-m-l subangular gravel, little silt	Sand and Gravel			0.0	1540
26	14	28	15-14-15-8	2.0/1.5	29	0.1.5 SAA (0.5-1.5)		=		0.0	1545
28	15	30	12-10-15-17	2.0/1.0	25	0-1.0 SAA		=		0.0	1554
30	16	32	19-21-17-12	2.0/1.0	38	0-1.0 SAA, intervals (0.1') of silt and f-m sand matrix supporting sand and gravel, very dark red (5GY 6/1) m-c sand sized pieces in matrix		=		0.0	1604
32	17	34	15/11/12/14	2.0/1.0	23	0-0.5 SAA, less matrix supported. 0.5-1.0 Dense, saturated, moderate brown (5YR 3/4) f-m SAND	Fine to medium Sand	=		0.0	1610
End of boring 34' bgs											
Well Construction (bgs)											
Screen: 24-34 ft (10 slot)											
Riser: +2.5-24 ft											
#0 Sand: 22-34 ft											
#00 Sand: 20-22 ft											
Grout: 0-20 ft											

O'BRIEN & GERE ENGINEERS, INC.						SOIL BORING LOG		REPORT OF BORING SB915-MW-99S			
Client: Honeywell						Sampler: 2" Split Spoon		Location: Wastedbed 13			
Proj. Loc: Settling Basins 9-15 Camillus, NY						Hammer: 140-lb drop		Start Date: 7/12/2011			
File No.: 1163/46698						Fall: 30"		End Date: 7/12/2011			
Boring Company: Parratt-Wolff						Screen Riser		Grout			
Foreman: Layne Pech								Sand Pack			
OBG Geologist: J. Bone								Sand Choke			
Depth Below Grade	No.	Depth (feet)	Blows /6"	Penetr/ Recovery (in ft)	"N" Value	Sample Description	Stratum Change General Descript	Equip. Installed	Field Testing		
									PID (ppm)	Time	
0	1	2	22-15-13-12	2.0/1.5	28	0-1.0 Very stiff, dry, brownish gray (5YR 4/1) SILT matrix supporting small gravel, few large angular gravel. 1.0-1.5 stiff dry, dark yellowish brown (10YR 5/4) SILT trace m-c sand	Fill		0.0	854	
2	2	4	14-15-11-10	2.0/1.5	26	01.5 SAA (1.0-1.5)	Silt		0.0	857	
4	3	6	15-6-6-8	2.0/0.3	12	0-0.3 Stiff, dry brownish gray (5YR 4/1) SILT few s-m gravel			0.9	908	
6	4	8	9-8-7-7	2.0/0.3	15	0-0.3 SAA, Large cobble stuck in sampler nose	Silt and Gravel		0.4	910	
8	5	10	7-3-3-4	2.0/1.5	6	0-0.5 SAA. 0.5-1.5 medium, moist, moderate yellowish brown (10YR 5/4) SILT	Silt		0.9	920	
10	6	12	3-3-2-2	2.0/1.3	5	0-1.3 SAA (0.5-1.5) little very fine sand			0.0	927	
12	7	14	2-2-4-4	2.0/1.6	6	0-1.6 SAA, slight increase in very fine sand content			0.0	930	
14	8	16	2-1-2-2	2.0/1.5	3	0-1.5 SAA, wet			0.0	938	
16	9	18	3-1-2-2	2.0/1.5	3	0-1.5 SAA			0.0	940	
18	10	20	3-8-12-8	2.0/0.8	20	0-0.4 SAA 0.4-0.8 medium, moist dark yellowish brown (10YR 4/2) SILT some s-m angular gravel and m-c sand, trace large angular gravel, large cobble stuck in end			0.0	950	
20	11	22	7-4-4-3	2.0/1.3	8	0-1.3 loose, dry, dark yellowish brown (10YR 4/2) m-c SAND some s-m gravel, trace silt, medium sand sized grains greenish gray (5GY 6/1) and moderate reddish brown (10R 4/6)	Sand Gravel trace silt		0.0	1001	
22	12	24	4-4-5-6	2.0/1.5	9	0-1.5 SAA		=	0.0	1005	
24	13	26	4-3-3-3	2.0/1.0	6	0-1.0 loose, saturated, dark yellowish brown (10YR 4/2) and greenish gray (5GY 6/1) and dark reddish brown (10R 3/4) m-c sand, some s-m gravel, trace silt		=	0.0	1024	
26	14	28	4-4-4-4	2.0/1.5	8	0-1.5 SAA		=	0.0	1027	
28	15	30	3-5-5-3	2.0/1.3	10	0-1.3 SAA		=	0.0	1038	
30	16	32	3-6-18-16	2.0/1.0	24	0-0.5 SAA 0.5-1.0 very stiff, moist, moderate brown (5YR 4/4) SILT matrix supporting s-m subrounded gravel, little m-c sand, trace large gravel	Silt Matrix Supported Sand and gravel	=	0.0	1049	
32	17	34	8-44-41-52	2.0/1.0	85	0-1.0 SAA			0.0	1053	
						End of Boring 32' bgs					
						Well Construction (bgs)					
						Screen: 22-32 ft					
						Riser: +2.5-22 ft					
						#0 Sand: 20-32 ft					
						#00 Sand: 18-20 ft					
						Grout: 0-18 ft					

O'BRIEN & GERE ENGINEERS, INC.						SOIL BORING LOG		REPORT OF BORING SB915-MW-100S			
Client: Honeywell						Sampler: 2" Split Spoon		Location: Wastedbed 13			
Proj. Loc: Settling Basins 9-15 Camillus, NY						Hammer: 140-lb drop		Start Date: 7/12/2011			
File No.: 1163/46698						Fall: 30"		End Date: 7/13/2011			
Boring Company: Parratt-Wolff						Screen		Grout			
Foreman: Layne Pech						Riser		Sand Pack			
OBG Geologist: J. Bone								Sand Choke			
Depth Below Grade	No.	Depth (feet)	Blows /6"	Penetr/ Recovery (in ft)	"N" Value	Sample Description	Stratum Change General Descript	Equip. Installed	Field Testing		
									PID (ppm)	Time	
0	1	2	30-30-35-50	2.0/2.0	75	0-2.0 very dense, dry, medium gray (N5) and brownish gray (5YR 4/1) m-c SAND and s-m-l gravel, some silt	Fill	\	\	0.1	7/12/11 1350
2	2	4	32-22-19-8	2.0/1.5	37	0-1.0 SAA. 1.0-1.5 Dense, dry, brownish gray (5YR 4/1) SILT matrix supporting m-c sand and s-m gravel	Silt some gravel	\	\	0.0	1355
4	3	6	9-6-6-6	2.0/2.0	12	0-1.0 SAA (1.0-1.5) 1.0-2.0 medium, slightly moist, moderate yellowish brown (10YR 5/4) SILT		\	\	0.0	1406
6	4	8	5-5-5-5	2.0/1.5	10	0-1.5 SAA (1.0-2.0)	Silt	\	\	0.0	1410
8	5	10	2-2-2-2	2.0/1.0	4	0-1.0 SAA		\	\	0.0	1417
10	6	12	1-5-10-22	2.0/1.0	15	0-0.2 SAA 0.2-1.0 dense, dry, grayish brown(5YR 3/2) with light brown (5YR 5/6) and greenish gray m-c SAND and SILT supporting s-m-l angular gravel		\	\	0.0	1425
12	7	14	32-20-24-13	2.0/1.3	44	0-1.5 SAA (0.2-1.0)	Sand, gravel, silt	\	\	0.0	1428
14	8	16	5-8-6-7	2.0/1.5	14	0-1.5 SAA, not matrix supported Medium dense		\	\	0.0	1441
16	9	18	6-9-9-5	2.0/1.5	18	0-1.5 SAA		\	\	0.0	1445
18	10	20	2-4-6-5	2.0/1.2	10	0-1.2 SAA		\	\	0.0	1453
20	11	22	6-5-5-5	2.0/1.2	10	0-1.0 SAA		\	\	0.0	1500
22	12	24	5-4-5-4	2.0/1.5	9	0-1.5 SAA, saturated at about 23.0 feet below ground surface	Sand and gravel	=	=	0.0	1505
24	13	26	2-5-6-5	2.0/1.0	11	0-1.0 loose, saturated dark gray (N3) m-c SAND, some s-m subrounded gravel, little silt	Sand, gravel, silt	=	=	0.0	1515
26	14	28	5-5-5-4	2.0/2.0	10	0-2.0 SAA, increase in dark gray silt content		=	=	0.0	1520
28	15	30	13-5-6-5	2.0/1.0	11	0-1.0 SAA		=	=	0.0	1530
30	16	32	5-5-8-8	2.0/1.5	13	0-1.5 SAA slightly matrix supported by silt and m-c sand, greenish gray (5GY 6/1) and dusky red (5R 3/4) medium to course sand and silt grains mixed in		=	=	0.0	1534
						End of boring 32' bgs					
						Well Construction (bgs)					
						Screen: 22-32 ft (10 slot)					
						Riser: +2.5-22 ft					
						#0 Sand: 20-32 ft					
						#00 Sand: 18-20 ft					
						Grout: 0-18 ft					

O'BRIEN & GERE ENGINEERS, INC.						SOIL BORING LOG		REPORT OF BORING SB915-MW-101S			
Client: Honeywell						Sampler: 2" Split Spoon		Location: Wastedbed 13			
Proj. Loc: Settling Basins 9-15 Camillus, NY						Hammer: 140-lb drop		Start Date: 7/13/2011			
File No.: 1163/46698						Fall: 30"		End Date: 7/13/2011			
Boring Company: Parratt-Wolff						Screen =		Grout			
Foreman: Layne Pech						Riser =		Sand Pack			
OBG Geologist: J. Bone								Sand Choke			
Depth Below Grade	No.	Depth (feet)	Blows /6"	Penetr/ Recovery (in ft)	"N" Value	Sample Description	Stratum Change General Descript	Equip. Installed	Field Testing		
									PID (ppm)	Time	
0	1	2	5-20-48-46	2.0/1.5	68	0-1.0 Dense, dry, medium light gray (N6) m-c SAND, some s-m-l angular gravel, little silt 1.0-1.5 dense, dry, brownish gray (5YR 4/1) SILT matrix supporting trace m-c sand	Fill		0.0	840	
2	2	4	43-32-18-19	2.0/1.0	50	0-1.0 dense, dry grayish brown (5YR 3/2) SILT	Silt		0.0	845	
4	3	6	2-5-7-8	2.0/1.0	12	0-1.0 stiff, dry, dark yellowish brown 10YR 4/2) SILT, matrix supporting very trace s-m gravel			0.0	857	
6	4	8	7-5-8-5	2.0/1.5	16	0-1.5 SAA, little greenish gray (5GY 6/1) and dark reddish brown (10R 3/4) flecks of coloring throughout, increases in medium angular gravel	Silt and gravel		0.0	900	
8	5	10	3-6-9-7	2.0/1.0	12	0-1.0 medium dense, dry, dark yellowish brown (10YR 3/4), with flecks of greenish gray (5GY 6/1) and dark reddish brown (10R 3/4) f-m-c SAND, some s-m gravel little large angular gravel, trace silt	Sand, gravel and silt		0.0	913	
10	6	12	7-6-9-6	2.0/1.3	15	0-1.3 SAA			0.0	928	
12	7	14	2.0/1.5	2.0/1.5	25	0-1.5 SAA			0.0	933	
14	8	16	5-6-5-10	2.0/1.0	11	0-1.0 SAA, intervals < 0.1' that are matrix supported			0.0	943	
16	9	18	6/12-13-10	2.0/1.1	25	0-1.1 SAA			0.0	946	
18	10	20	26-13-8-7	2.0/1.5	21	0-1.5 SAA			0.0	1003	
20	11	22	3-4-4-5	2.0/1.3	8	0-1.3 SAA			0.0	1012	
22	12	24	6-4-4-4	2.0/1.7	8	0-1.7 SAA, wet to saturated at approx. 23.5'		=	0.0	1015	
24	13	26	2-2-4-5	2.0/1.0	6	0-1.0 loose, saturated, greenish gray (5GY 6/1) and dusky red (5R 3/4) fine medium and course SAND (rounded), some s-m rounded gravel	Sand and Gravel		0.0	1027	
26	14	28	5-6-6-5	2.0/2.0	12	0-1.0 SAA. 1.0-2.0 SAA, increase in silt content, slightly matrix supported, trace large rounded gravel		=	0.0	1030	
28	15	30	8-10-10-11	2.0/1.5	20	0-1.5 medium dense, saturated, brownish gray (5YR 4/1) transitioning to dark gray (N3) medium to course SAND some s-m gravel, little silt trace large gravel		=	0.0	1042	
30	16	32	3-8-11-11	2.0/1.0	19	0-1.0 medium dense saturated, dark gray (N3) f-m-c sand few s-m-l subrounded gravel, litthe siit		=	0.0	1051	
						End of boring 32' bgs					
						Well Construction (bgs)					
						Screen: 22-32 ft (10 slot)					
						Riser: +2.5-22 ft					
						#0 Sand: 20-32 ft					
						#00 Sand: 18-20 ft					
						Grout: 0-18 ft					

O'BRIEN & GERE ENGINEERS, INC.						<u>SOIL BORING LOG</u>		REPORT OF BORING SB915-MW-102S			
Client: Honeywell						Sampler: 2" Split Spoon		Location: Wastedbed 13			
Proj. Loc: Settling Basins 9-15 Camillus, NY						Hammer: 140-lb drop		Start Date: 7/14/2011			
File No.: 1163/46698						Fall: 30"		End Date: 7/14/2011			
Boring Company: Parratt-Wolff						Screen		Grout			
Foreman: Layne Pech						Riser		Sand Pack			
OBG Geologist: Jonathan Bone								Sand Choke			
Depth						Stratum			Field		
Below		Depth	Blows	Penetr/	"N"	Change			PID	Time	
Grade	No.	(feet)	/6"	(in ft)	Value	General	Equip.		(ppm)		
						Descript	Installed				
0	1	2	17-32-40-50	2.0/2.0	72	0-0.5 dense, dry, dark yellowish gray(10YR 4/2) m-c SAND and s-m-l angular gravel, little silt 0.5-2.0 very dense, dark yellowish gray (10YR 4/2) SILT matrix supporting m-c sand and s-m-l angular gravel	Fill		2.6	907	
2	2	4	68-53-34-24	2.0/1.5	87	0-1.5 SAA (0.5-2.0)	Silt and Gravel		1.1	917	
4	3	6	10-10-15-10	2.0/1.5	25	0-1.5 medium dense, dry, dark yellowish brown (10Yr 4/2) f-m-c SAND some silt, few m-c subangular gravel flecks of greenish gray (5GY 6/1) and dusky red (5R 3/4) coloring through out	Sand, Gravel and silt		0.0	934	
6	4	8	14-10-11-12	2.0/1.5	21	0-1.5 SAA			0.0	937	
8	5	10	16-16-15-15	2.0/1.3	31	0-1.3 SAA			0.0	1017	
10	6	12	14-13-14-13	2.0/1.8	27	0-1.8 SAA, intervals of slightly matrix supported			0.0	1027	
12	7	14	10-11-12-14	2.0/1.5	23	0-1.5 SAA			0.0	1030	
14	8	16	5-10-8-10	2.0/1.6	18	0-1.6 SAA			0.0	1039	
16	9	18	7-8-8-8	2.0/1.6	16	0-1.6 SAA			0.0	1041	
18	10	20	6-6-8-8	2.0/1.5	14	0-1.5 SAA			0.0	1051	
20	11	22	6-7-7-6	2.0/1.5	14	0-1.5 SAA, wet at about 21.8' bgs			0.0	1058	
22	12	24	6-8-6-7	2.0/1.5	14	0-1.5 SAA, saturated	Sand and Gravel	=	0.0	1100	
24	13	26	4-11-9-10	2.0/1.3	20	0-1.3 SAA		=	0.0	1114	
26	14	28	4-9-11-9	2.0/1.5	20	0-1.5 SAA		=	0.0	1118	
28	15	30	17-12-10-17	2.0/1.5	22	0-1.5 SAA		=	0.0	1123	
						End of Boring at 30 ft					
						Well Construction (bgs)					
						Screen: 20-30 ft					
						Riser: +2.5-20 ft					
						#0 Sand: 18-30 ft					
						#00 Sand: 16-18 ft					
						Grout: 0-16 ft					

O'BRIEN & GERE ENGINEERS, INC.						SOIL BORING LOG		REPORT OF BORING SB915-MW-103S			
Client: Honeywell						Sampler: 2" Split Spoon		Location: Wastebed 13			
Proj. Loc: Settling Basins 9-15 Camillus, NY						Hammer: 140-lb drop		Start Date: 7/14/2011			
File No.: 1163/46698						Fall: 30"		End Date: 7/19/2011			
Boring Company: Parratt-Wolff						Screen		Grout			
Foreman: Layne Pech						Riser		Sand Pack			
OBG Geologist: Jonathan Bone								Sand Choke			
Depth Below Grade	No.	Depth (feet)	Blows /6"	Penetr/ Recovery (in ft)	"N" Value	Sample Description	Stratum Change General Descript	Equip. Installed		Field Testing	
										PID (ppm)	Time
0	1	2	15-17-35-45	2.0/1.5	52	0-1.5 Very dense, dry, dark yellowish brown (10YR 4/2) and medium gray (N5) m-l angular GRAVEL, some m-c sand, little silt, trace f sand	Fill	\	\	0.0	7/14/11 1442
2	2	4	41-50/0.3'	0.8/0.8	>91	0-0.3 SAA. 0.3-0.8 Very hard, dry, white (N9) to very light gray (N8) SILT sized particles and fine sand sized particles, consolidated matrix	Solvay Waste	\	\	0.0	1445
4	3	6	26-16-76-80	2.0/1.5	92	0-1.5 Extremely dense, dry, medium light gray (N6) f-m SAND sized particles, cemented matrix		\	\	0.0	1515
6	4	8	10-22-22-50/0.3	1.8/1.8	44	0-1.8 SAA		\	\	0.0	1540
8	5	10	50/0.3'	0.3/0.3	>50	0-0.3 SAA		\	\	0.0	1600
10	6	12	5-28-40-10	2.0/1.5	68	0-1.5 SAA, wet		\	\	0.0	1610
12	7	14	2-3-4-10	2.0/0.2	7	0-0.2 SAA. Cemented piece stuck in nose of sampler		\	\	0.0	1615
14	8	16	2-2-6-2	2.0/1.0	8	0-1.0 SAA, consolidated matrix, medium dense		\	\	0.0	1627
16	9	18	6-14-2-2	2.0/1.2	16	0-2.0 SAA		\	\	0.0	1630
18	10	20	6-2-1-2	2.0/2.0	3	0-2.0 SAA		\	\	0.0	1638
20	11	22	1-9-4-3	2.0/2.0	13	0-2.0 SAA, greenish gray (5GY 6/1) mixed with white (N9)		\	\	0.0	1647
22	12	24	4-8-4-2	2.0/1.0	12	0-1.0 SAA		\	\	0.0	1650
24	13	26	2-2-7-2	2.0/2.0	9	0-2.0 Firm, wet, light gray (N7) medium dark gray (N4) SILT and SAND sized particles		\	\	1.5	7/15/11 840
26	14	28	2-6-8-11	2.0/2.0	14	0-2.0 Stiff, wet, light gray (N7) to medium dark gray (N4) bandy SILT and SAND sized particles in a slight cemented matrix		\	\	1.5	845
28	15	30	2-5-9-3	2.0/0.8	14	0-0.8 SAA		\	\	0.0	900
30	16	32	3-1-2-1	2.0/1.0	3	0-1.0 SAA (increase light gray (N7) to white (N9) and soft)		\	\	0.0	913
32	17	34	20-3-8-2	2.0/1.8	11	0-1.8 SAA, stiff, light gray (N7) to medium gray (N5)		\	\	0.2	920
34	18	36	26-8-4-4	2.0/0.5	12	0-0.5 SAA		\	\	0.0	930
36	19	38	4-4-4-52	2.0/2.0	8	0-2.0 SAA		\	\	0.0	935
38	20	40	9-5-4-3	2.0/0.4	9	0-0.4 SAA		\	\	0.0	950
40	21	42	3-3-5-2	2.0/2.0	8	0-2.0 SAA		\	\	0.0	1012
42	22	44	3-12-6-7	2.0/2.0	18	0-2.0 SAA hard		\	\	0.0	1020
44	23	46	4-5-5-3	2.0/0.1	10	0-0.1 SAA stiff		\	\	0.0	1027
46	24	48	10-18-20-23	2.0/0.2	38	0-0.2 SAA very hard		\	\	0.0	1036

O'BRIEN & GERE ENGINEERS, INC.						SOIL BORING LOG		REPORT OF BORING SB915-MW-103S			
Client: Honeywell						Sampler: 2" Split Spoon		Location: Wastedbed 13			
Proj. Loc: Settling Basins 9-15 Camillus, NY						Hammer: 140-lb drop		Start Date: 7/14/2011			
File No.: 1163/46698						Fall: 30"		End Date: 7/19/2011			
Boring Company: Parratt-Wolff						Screen		Grout			
Foreman: Layne Pech						Riser		Sand Pack			
OBG Geologist: Jonathan Bone								Sand Choke			
Depth Below Grade	No.	Depth (feet)	Blows /6"	Penetr/ Recovery (in ft)	"N" Value	Sample Description	Stratum Change General Descript	Equip. Installed	Field Testing		
									PID (ppm)	Time	
48	25	50	18-32-52-23	2.0/2.0	84	0-1.0 Extremely hard, dry, dark yellowish brown (10YR 4/2) CLAY. 1.0-2.0 Hard dark yellowish brown to dusky brown (5Y 2/2) damp SILT and CLAY with trace f-m sand.	Silt and Clay		0.0	1110	
50	26	52	3-12-11-11	2.0/1.75	23	0-0.25 Hard, damp, dark yellowish brown (10YR 4/2) CLAY. 0.25-1.75 hard, moist, moderate yellowish brown (10YR 5/4) Clayey SILT with many coarse distinct greenish black (5GY 4/1) mottling			0.0	1130	
52	27	54	6-12-5-3	2.0/2.0	18	0-2.0 Hard, moist, olive gray (5Y 4/1) clayey SILT with common coars, distinct grayish black (N2) mottling			0.0	1136	
54	28	56	6-55/0.0	1.0/1.0	>61	0-0.5 Very hard, dry, dark yellowish brown (10YR 4/2) CLAY. 0.5-1.0 very hard, damp, moderate yellowish brown (10YR 5/4) to olive gray (5Y 4/1) clayey SILT to SILT			0.0	1156	
56	29	58	35-50/0.0	1.0/0.3	>85	0-0.3 Very hard, dry dark yellowish brown (10YR 4/2) CLAY with trace fine gravel, many coarse, distinct grayish black (N2) mottling. F-M angular gravel at bottom of spoon			0.0	1302	
58	30	60	50/03	0.3/0.1	>50	0-0.1 Extremely dense, damp, olive gray (5Y 4/1) F-m-c angular GRAVEL and some silt with trace clay	Sand, silt and gravel		0.0	1332	
60	31	62	9-26-23-15	2.0/0.75	49	0-0.75 Dense, saturated dark yellowish brown (10YR 4/2) f-m-c GRAVEL, little silt and fine sand	Silt, clay, gravel, trace sand		0.0	1403	
60	32	62	60/0.5*	0.5/0.5	NA	0-0.5 Soft, saturated, dark yellowish brown (10YR 4/2) SILT, some clay, few m-l subrounded gravel, little m-c sand, trace large (~3") cobble	Sand, gravel, silt		0.0	7/19/11 914	
62	33	64	13-36-30-20	2.0/0.5	66	0-0.5 Very dense, saturated s-m-l angular GRAVEL, some m-c sand, little silt trace fine sand			0.0	935	
64	34	66	5-41-46-18	2.0/1.0	87	0-1.0 SAA, wet to saturated			0.0	958	
66	35	68	36-20-30-23	2.0/0.8	50	0-0.8 SAA, saturated, slightly matrix supported by silt and f-m sand			0.0	1005	
68	36	70	13-25-35-18	2.0/1.0	60	0-1.0 Very dense, saturated, dark yellowish gray (10YR 4/2) m-c SAND and s-m-l angular gravel, trace silt	Sand and Gravel		0.0	1036	
70	37	72	13-10-10-12	2.0/0.5	20	0-0.5 SAA, med dense			0.0	1100	
72	38	74	17-12-19-15	2.0/1.0	31	0-1.0 SAA, dense			0.0	1115	

* Denotes that a 3" split spoon was used to sample

O'BRIEN & GERE ENGINEERS, INC.						SOIL BORING LOG		REPORT OF BORING SB915-MW-103S			
Client: Honeywell						Sampler: 2" Split Spoon		Location: Wastedbed 13			
Proj. Loc: Settling Basins 9-15 Camillus, NY						Hammer: 140-lb drop		Start Date: 7/14/2011			
File No.: 1163/46698						Fall: 30"		End Date: 7/19/2011			
Boring Company: Parratt-Wolff						Screen		=		\	
Foreman: Layne Pech						Riser		=		Grout	
OBG Geologist: Jonathan Bone								=		Sand Pack	
								=		Sand Choke	
Depth						Stratum			Field		
Below		Depth	Blows	Penetr/	"N"	Change			Testing		
Grade	No.	(feet)	/6"	(in ft)	Value	General	Equip.		PID	Time	
						Descript	Installed		(ppm)		
74	39	76	11-11-9-9	2.0/1.3	20	0-1.3 Medium dense, saturated, dark yellowish brown (10YR 4/2) s-m GRAVEL, some m-c sand, few large subangular gravel, trace fine sand		=	0.0	1147	
76	40	78	15-21-18-15	2.0/1.4	39	0-1.4 SAA		=	0.0	1155	
						End of Boring at 78 ft					
						Well Construction (bgs)					
						Screen: 68-78 ft (10 slot)					
						Riser: +2.5-68 ft					
						#0 Sand: 66-78 ft					
						#00 Sand: 64-66 ft					
						Grout: 0-64 ft					

Geophysical Summary

PRELIMINARY DRAFT
SETTLEMENT CONFIDENTIAL
NOT INTENDED FOR PUBLIC REVIEW

TO: Jim Heckathorne
FROM: Paul Freyer
RE: Borehole Geophysical Results / Screen Interval Recommendations
FILE:
DATE: Honeywell.1163\46698.Sca-Settling-Ba
November 11, 2010

cc: Jon Bone
Guy Swenson
Robert Trent
Yuri Veliz

Jim,

We have completed the overburden drilling at the six (6) bedrock well locations (Figure 1), listed below, being installed in association with the Hydrogeologic Investigation to Support Ground Water Monitoring at the SCA.

- SB915-MW-87BR (MW-87BR)
- SB915-MW-88BR (MW-88BR)
- SB915-MW-89BR (MW-89BR)
- SB915-MW-90BR (MW-90BR)
- SB915-MW-91BR (MW-91BR)
- SB915-MW-92BR (MW-92BR)

This memo contains bulleted summaries of the borehole geologic and geophysical logging results and the basis for the selection of proposed monitoring well screen intervals. Plots of the boring log, borehole geophysical results, and proposed well screen interval are attached.

BORING SUMMARY

- Continuous split spoon samples and geophysical logging data (natural gamma, short and long normal resistivity, spontaneous potential, and electromagnetic induction conductivity) have been collected at each of the borings. Factors limiting or impairing the collection or interpretation of the data discussed below include:
 - Short and long normal resistivity interpretable results are limited to the borehole interval over which the tool and isolation bridle were completely submerged in the borehole fluid (i.e. about 31 ft below the water level in each borehole).
 - Sections of broken casing at the base MW-87BR (~102 to 92 feet bgs) and MW-91BR (~142 to 122 feet bgs) dampened the natural gamma counts as well as strongly interfered with the short and long normal resistivity and electromagnetic induction tools.
 - A second boring was advanced to the top of till adjacent to the initial MW-91BR location in an attempt to obtain geophysical data for the lower 20 ft of the formation that was obstructed by the broken casing in the initial boring. The initial boring will be abandoned and the bedrock coring will continue through the secondary boring.
- **Lithologic Trends Observed:**
 - **Downgradient Wells:**
 - Three (3) basic geologic units were observed:
 - fill (typically <5 ft),
 - strong natural gamma responses to near surface units containing silt,
 - no resistivity results were collected due to equipment limitations,
 - electrical conductivity results were limited due to equipment limitations,
 - mixed, well graded sand and gravel,

JIM HECKATHORN
NOVEMBER 15, 2010
PAGE 2

- coarsest deposits to the southwest and northeast (MW-87BR, MW-88BR and MW-90 BR), consisting of well graded sand and gravel.
- finest deposits to the northwest (MW-89BR), consisting of sand with varying amounts of silt, with occasional lenses of sand and gravel.
- the natural gamma signature through the sand and gravel is relatively consistent at each boring with minor increases/decreases related to variations in the silt and clay fraction of the corresponding deposits.
- each of the wells exhibited an overall increase in electrical conductivity (inversely a decrease in resistivity) with depth through the sand and gravel deposits,
 - peak electrical conductivities / lowest resistivities through the sand and gravel unit in MW-88BR and MW-89BR were observed approximately 10 ft above the top of till,
 - peak electrical conductivities / lowest resistivities through the sand and gravel unit in MW-90BR was observed at the base of the unit,
 - a strong anomaly from 73.5 to 76.5 ft bgs at what location
 - At MW-87BR a section of steel casing lining the borehole below 92 ft bgs resulted in anomalously low observed resistivities and exceeded limitations of the electromagnetic induction probe,
 - The spontaneous potential observed over the length of the borehole varied between locations.
- till (silt matrix supported sand and gravel):
 - dense reddish brown silt matrix supported sand and gravel,
 - acts as a confining unit between the coarser overburden deposits and the bedrock.
 - geophysical logs did not extent into the till at any of the locations,
- **Upgradient Wells:**
 - Four (4) basic geologic units were observed:
 - Solvay waste:
 - Very low natural gamma counts were observed.
 - No resistivity results were collected due to equipment limitations.
 - Electrical conductivities observed exceeded the operational and calibration limitations of the electromagnetic induction tool. Generally the conductivity of the waste is higher than the native deposits below.
 - clayey silt to silt and fine grained sand:
 - acts as a confining unit beneath the wastebeds,
 - highest natural gamma counts were consistently observed across this unit,
 - no resistivity results were collected due to equipment limitations,
 - electrical conductivities observed exceeded the operational and calibration limitations of the electromagnetic induction tool. The conductivity of the fine grained deposit is greater than the mixed sand and gravel deposits below,
 - well graded sand and gravel, occasional lenses of fine to medium grained sand, little silt:
 - natural gamma counts were consistent through the mixed sand and gravel,
 - the observed electrical conductivity trended differently in each upgradient well:
 - generally increasing over the length of the log at MW-91BR/91BR2,
 - fluctuating before peaking at 95 ft bgs at MW-92BR,
 - observed resistivity data inversely corresponded to trends observed in the electrical conductivity data,
 - spontaneous potential varied greatly between the two upgradient locations,
 - till (silt matrix supported sand and gravel):
 - dense reddish brown silt matrix supported sand and gravel,
 - acts as a confining unit between the coarser overburden deposits and the bedrock.
 - geophysical logs did not extent into the till at any of the locations.

MONITORING INTERVAL RECOMMENDATIONS

Recommended approximate well screen depths are shown for each well in the attached figures. The justifications for well selections are discussed below.

- **Down Gradient Wells:**
 - *Shallow Monitoring Wells:*
 - The shallow monitoring zone will consist of wells installed to straddle the water table.
 - A 10 foot well screen will be installed to encompass the historic shallow water level range of 372.3 to 377.7 ft amsl.
 - New shallow monitoring wells will be installed at the MW-88 and MW-89 well clusters
 - Shallow wells WB-2U and WB-4U will be sufficient to monitor the shallow zone at the MW-87 and MW-90 clusters.
 - *Intermediate Monitoring Wells:*
 - Install a 10 foot well screen to monitor a mid-point in the sand and gravel unit to better understand the variability in hydraulics and aqueous chemistry through the length of the borehole.
 - *Deep Monitoring Wells:*
 - A 10 foot well screen encompassing the base of the coarsest, most permeable deposits with the highest electrical conductivities is proposed for the deep monitoring zone.
 - New wells will be installed for the MW-88 and MW-89 well clusters.
 - Utilize the existing WB-2L and WB-4L in the MW-87 and MW-90 well clusters
- **Up Gradient Wells:**
 - *Shallow Monitoring Wells:*
 - A 20 foot screen will be installed with the top of the screen slightly above the historic high water levels from nearby monitoring wells.
 - *Intermediate Monitoring Wells:*
 - Install a 10 foot well screen below the confining unit and fine deposits to correspond to the shallow monitoring wells in the down gradient wells.
 - *Deep Monitoring Wells:*
 - A 10 foot well screen encompassing the base of the coarsest, most permeable deposits with the highest electrical conductivities is proposed for the deep monitoring zone.

JIM HECKATHORN
NOVEMBER 15, 2010
PAGE 4

ATTACHMENTS:

Figure 1. BEDROCK WELL LOCATIONS

Figure 2. SB915-MW-87BR Gamma, Electrical Conductivity, and Resistivity Results

Figure 3. SB915-MW-87BR 8", 64" Resistivity and Spontaneous Potential Results

Figure 4. SB915-MW-88BR Gamma, Electrical Conductivity, and Resistivity Results

Figure 5. SB915-MW-88BR 8", 64" Resistivity and Spontaneous Potential Results

Figure 6. SB915-MW-89BR Gamma, Electrical Conductivity, and Resistivity Results

Figure 7. SB915-MW-89BR 8", 64" Resistivity and Spontaneous Potential Results

Figure 8. SB915-MW-90BR Gamma, Electrical Conductivity, and Resistivity Results

Figure 9. SB915-MW-90BR 8", 64" Resistivity and Spontaneous Potential Results

Figure 10. SB915-MW-91BR Gamma, Electrical Conductivity, and Resistivity Results

Figure 11. SB915-MW-91BR2 Gamma, Electrical Conductivity, and Resistivity Results

Figure 12. SB915-MW-91BR2 8", 64" Resistivity and Spontaneous Potential Results

Figure 13. SB915-MW-92BR Gamma, Electrical Conductivity, and Resistivity Results

Figure 14. SB915-MW-92BR 8", 64" Resistivity and Spontaneous Potential Results

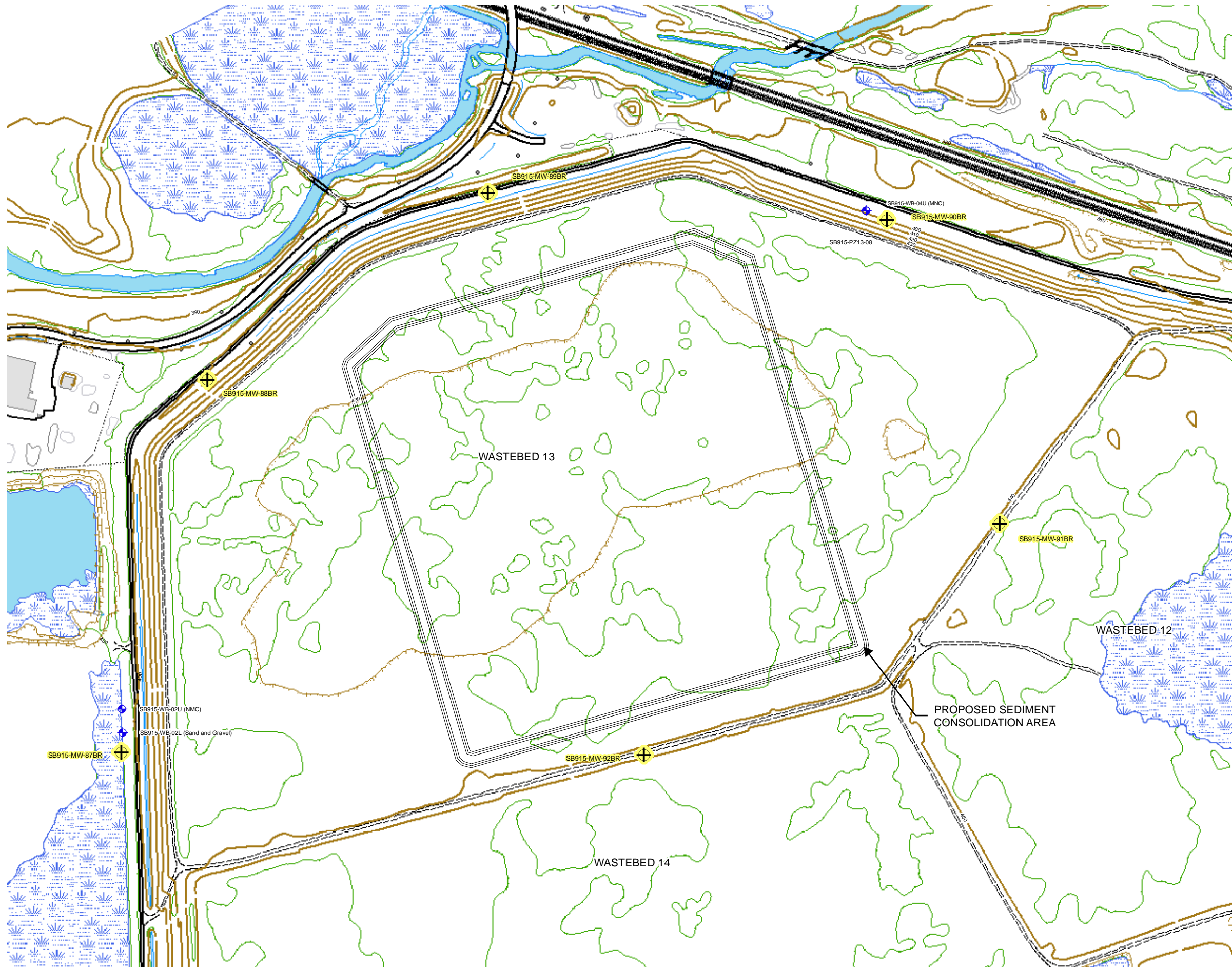





FIGURE 1



LEGEND

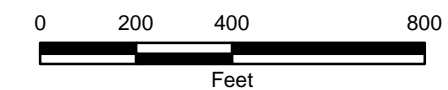
-  BEDROCK WELL (BR)
-  MONITORING WELL
-  PROPOSED SCA

NOTE: EXISTING MONITORING WELLS SB915-WB-2L,-2U, -4U,-4L, AND SB915-PZ13-10 WILL BE USED IN THE PROPOSED HYDROGEOLOGIC INVESTIGATION PROGRAM.

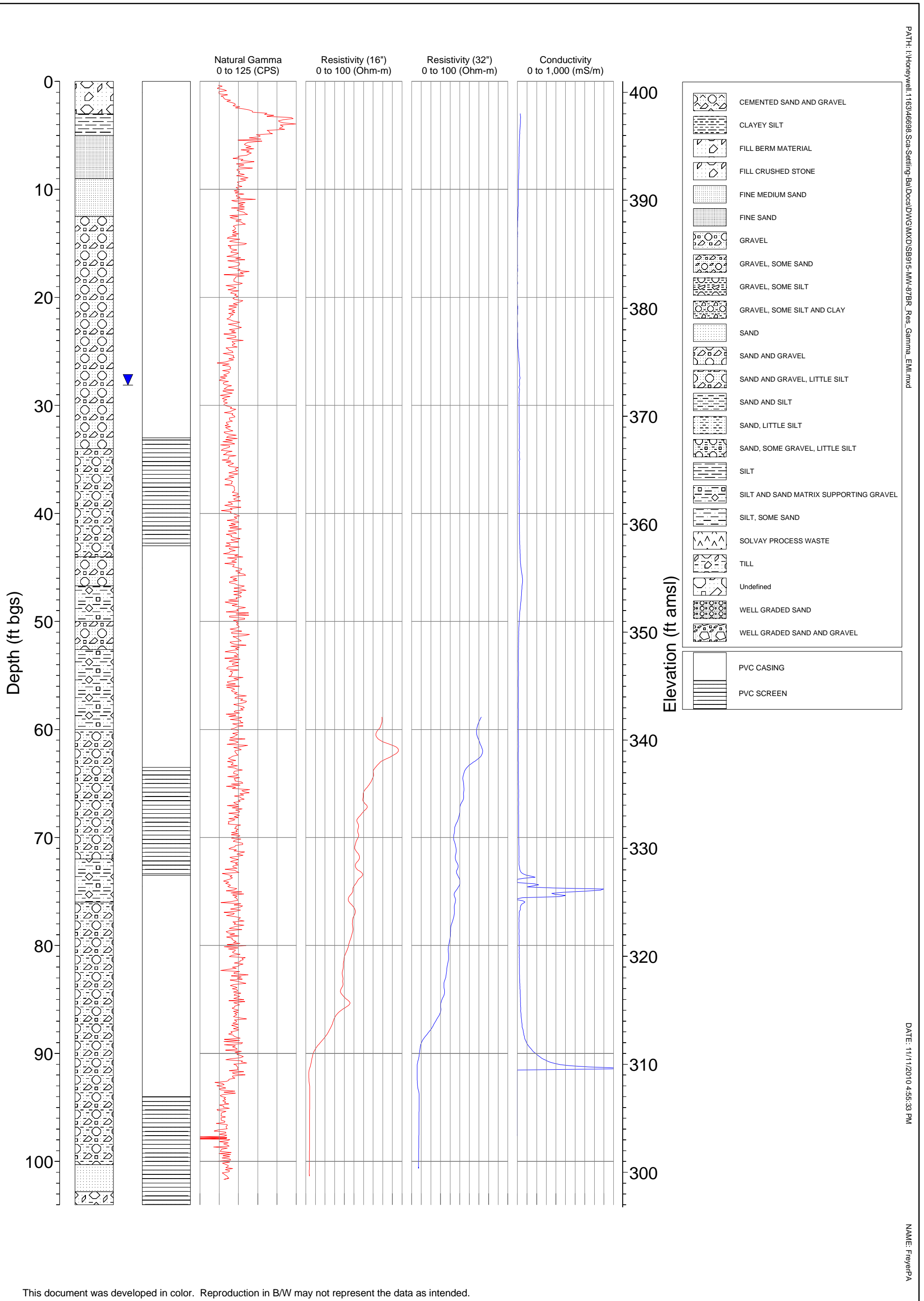
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HONEYWELL
WASTEBED 13
SCA PROGRAM
HYDROGEOLOGIC INVESTIGATION
CAMILLUS, NY

BEDROCK WELL
LOCATIONS



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1163.46698



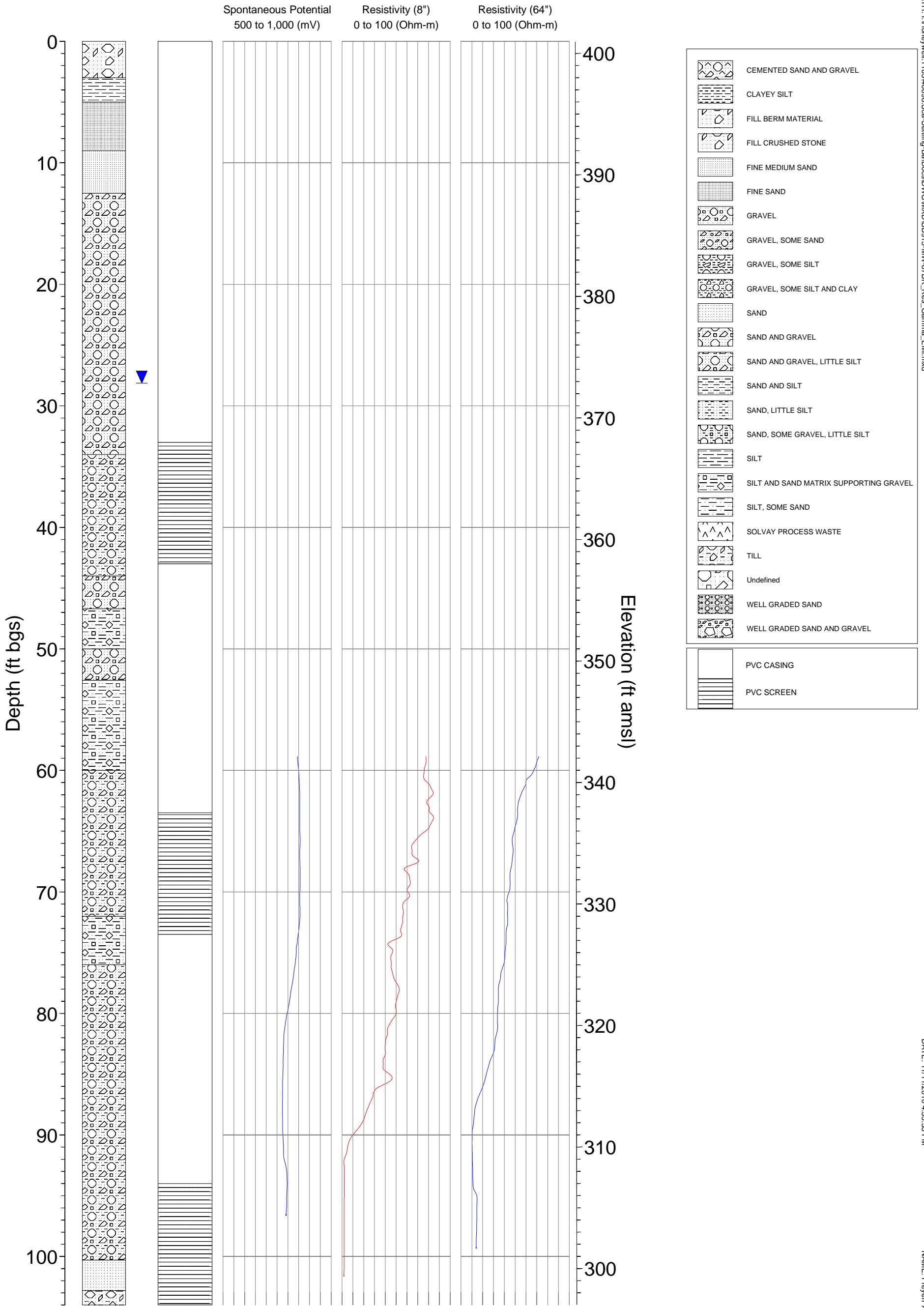
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SB915-MW-87BR
NATURAL GAMMA, RESISTIVITY, AND ELECTROMAGNETIC INDUCTION

FIGURE 2

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 SCA HYDROGEOLOGIC INVESTIGATION
 BOREHOLE GEOPHYSICAL SUMMARY

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 1163/46698



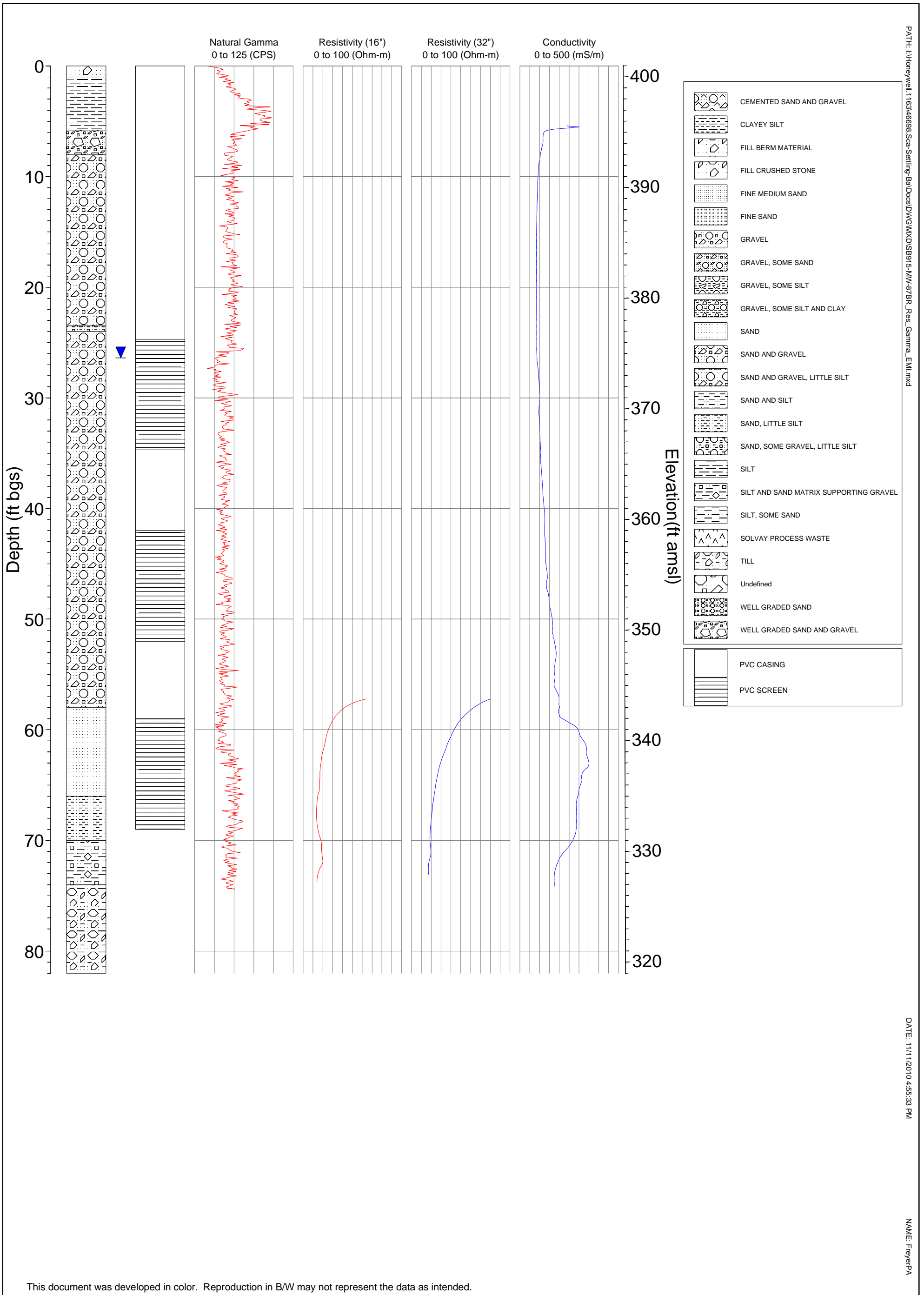
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SB915-MW-87BR RESISTIVITY, SPONTANEOUS POTENTIAL

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SCA HYDROGEOLOGIC INVESTIGATION
BOREHOLE GEOPHYSICAL SUMMARY

FIGURE 3

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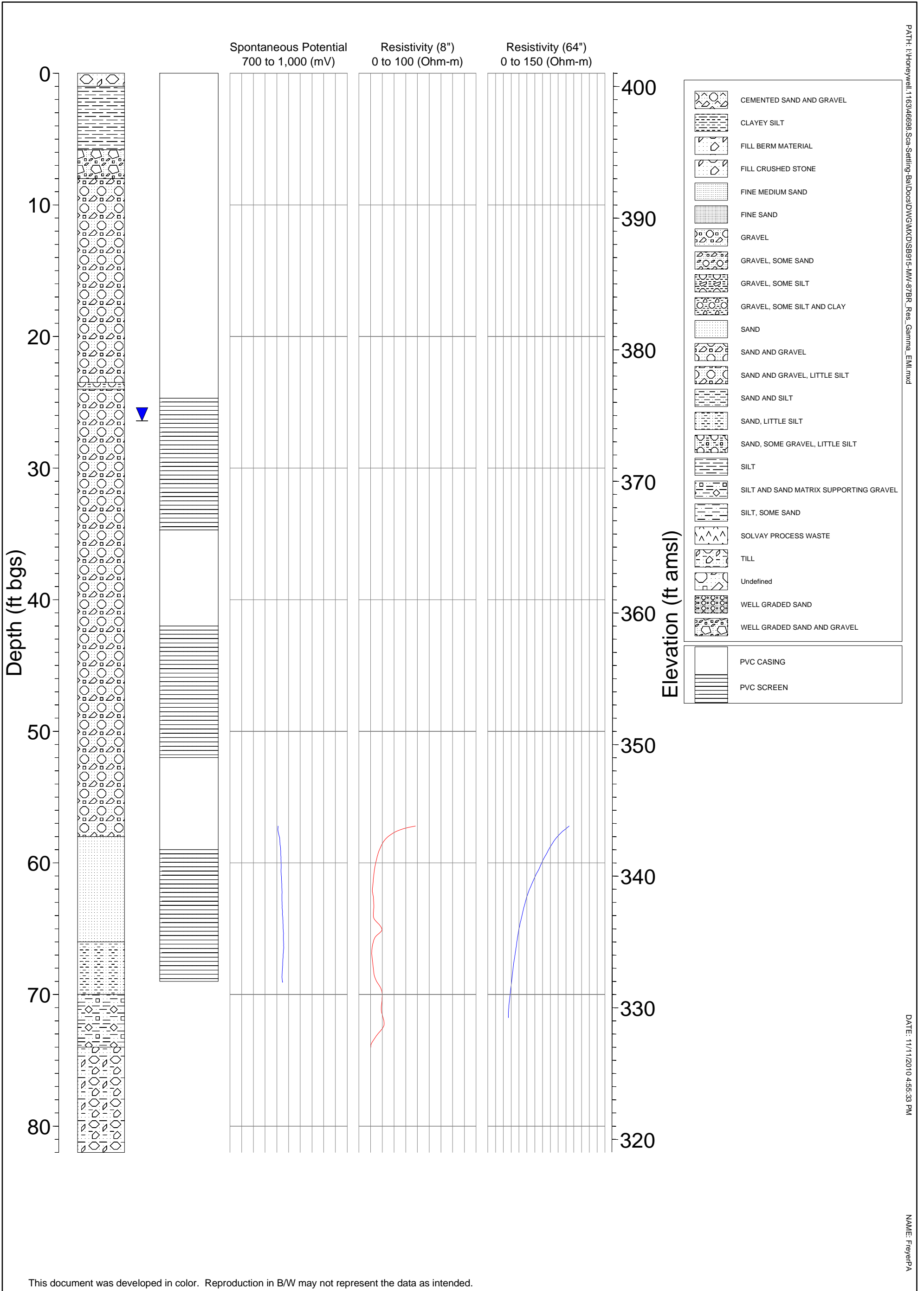


SB915-MW-88BR
NATURAL GAMMA, RESISTIVITY, AND ELECTROMAGNETIC INDUCTION

FIGURE 4

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 BOREHOLE GEOPHYSICAL SUMMARY

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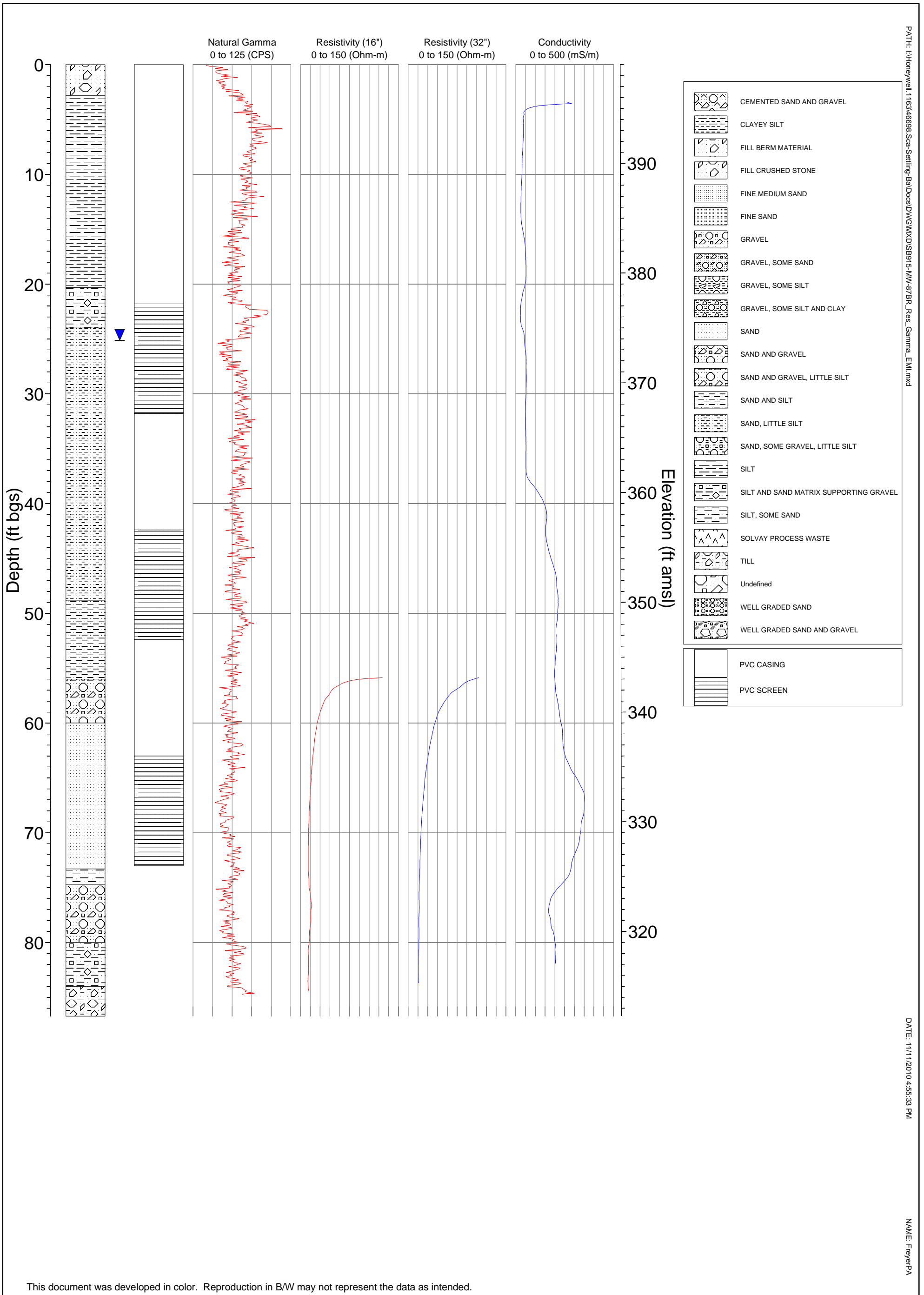
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SB915-MW-88BR
RESISTIVITY, SPONTANEOUS POTENTIAL

FIGURE 5

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 SCA HYDROGEOLOGIC INVESTIGATION
 BOREHOLE GEOPHYSICAL SUMMARY

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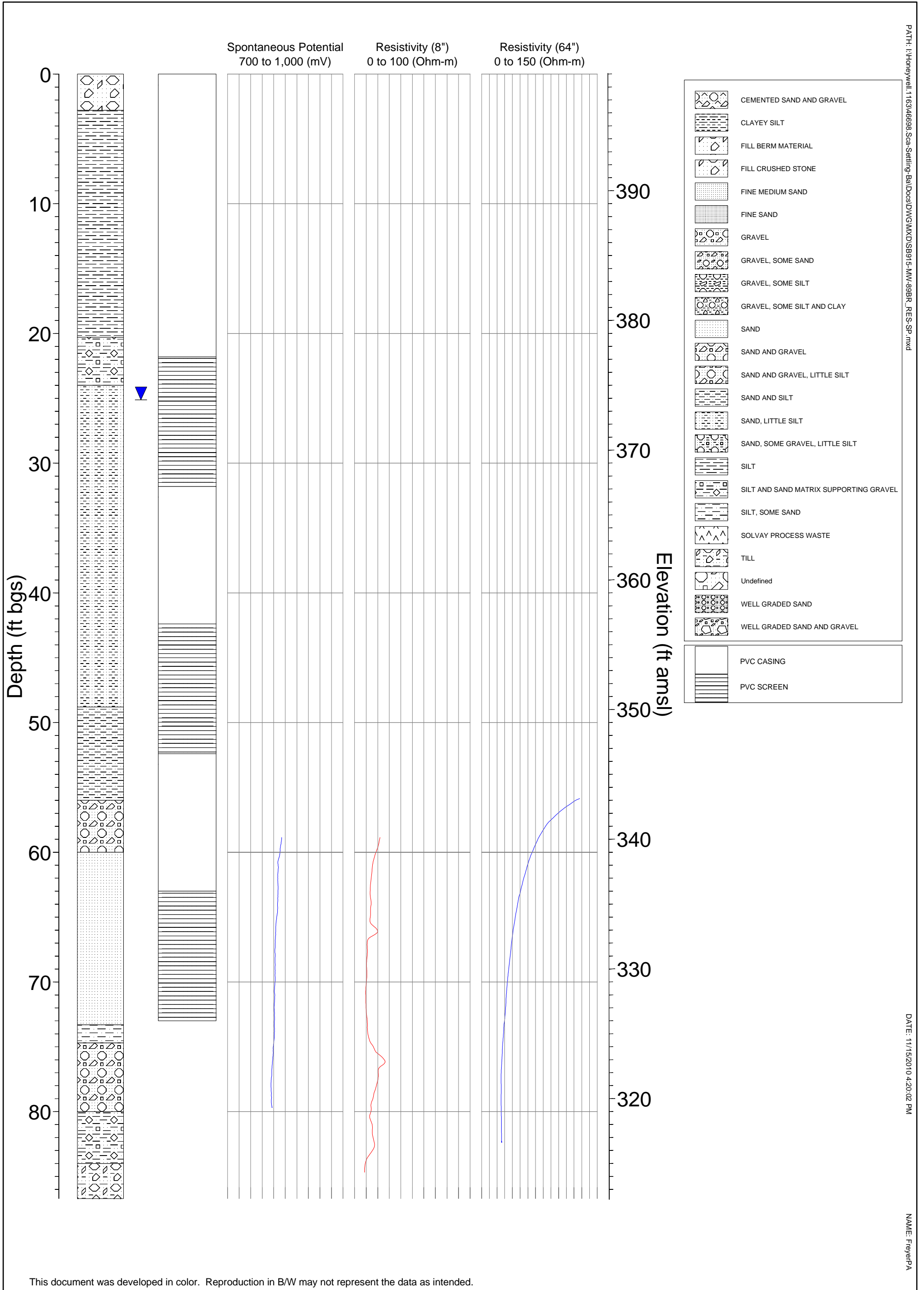
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SB915-MW-89BR
NATURAL GAMMA, RESISTIVITY, AND ELECTROMAGNETIC INDUCTION
 HONEYWELL INTERNATIONAL
 SCA HYDROGEOLOGIC INVESTIGATION
 BOREHOLE GEOPHYSICAL SUMMARY

FIGURE 6

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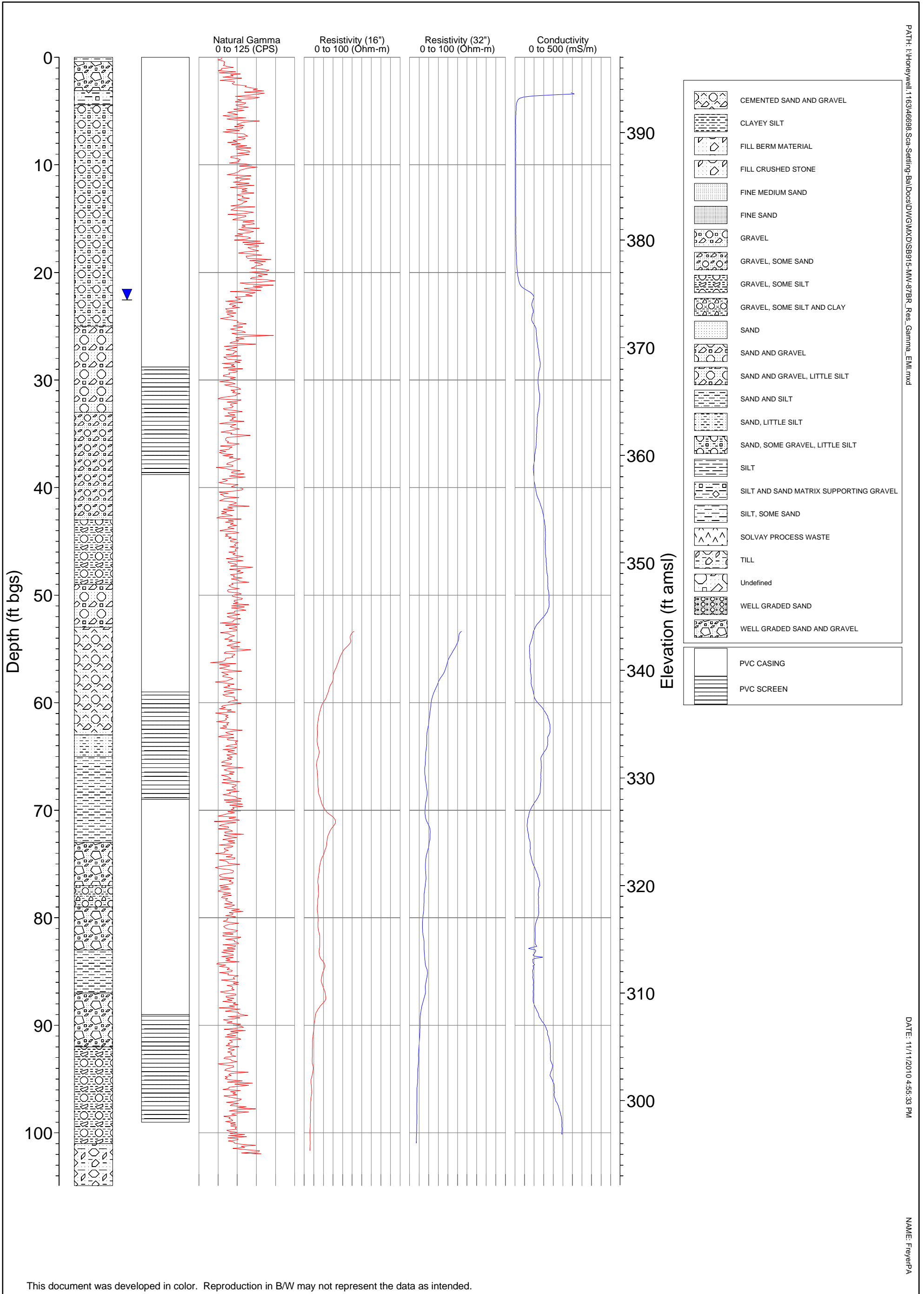
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**SB915-MW-89BR
RESISTIVITY, SPONTANEOUS POTENTIAL**

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BOREHOLE GEOPHYSICAL SUMMARY

FIGURE 7

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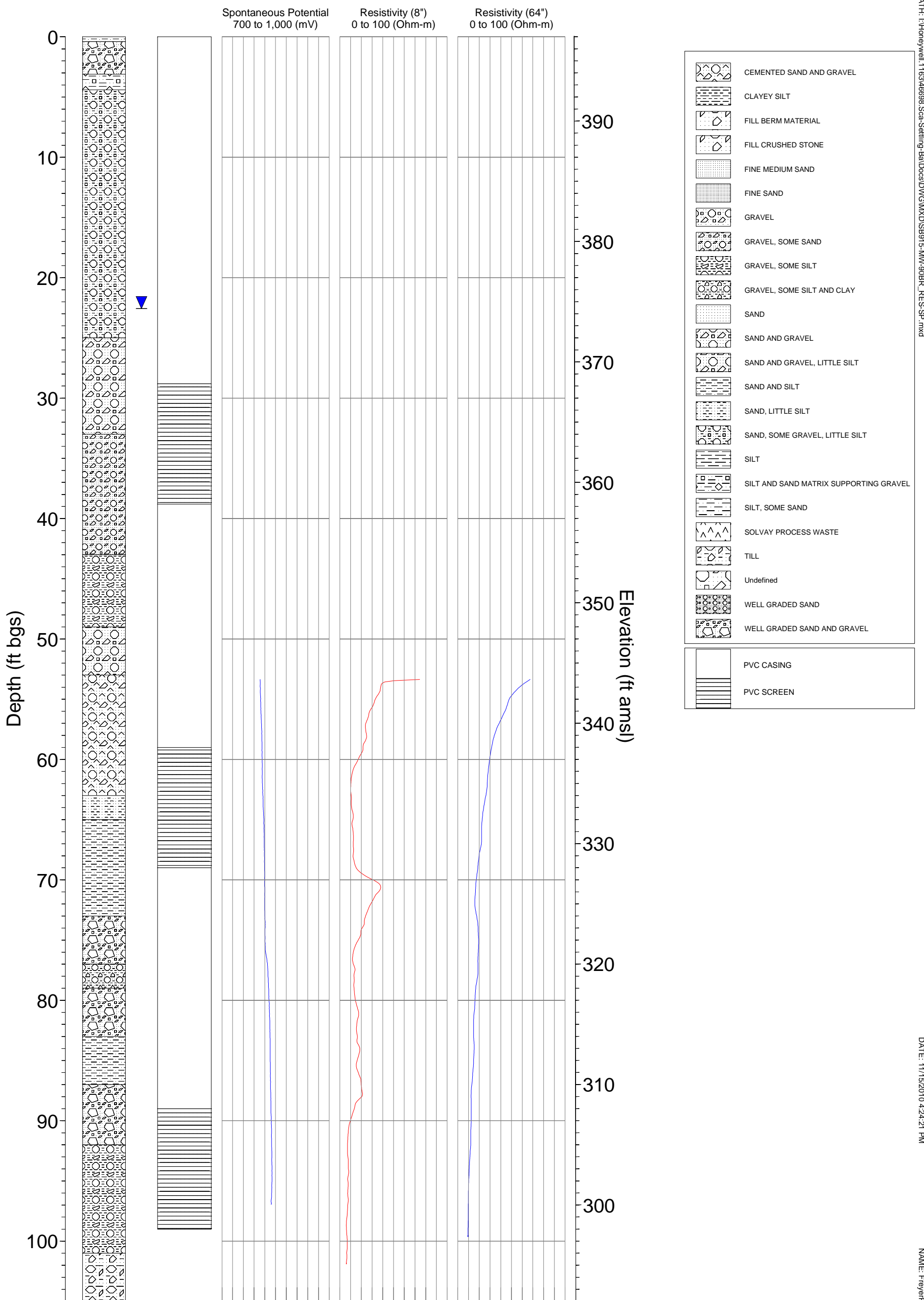
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SB915-MW-90BR
NATURAL GAMMA, RESISTIVITY, AND ELECTROMAGNETIC INDUCTION

FIGURE 8

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 BOREHOLE GEOPHYSICAL SUMMARY

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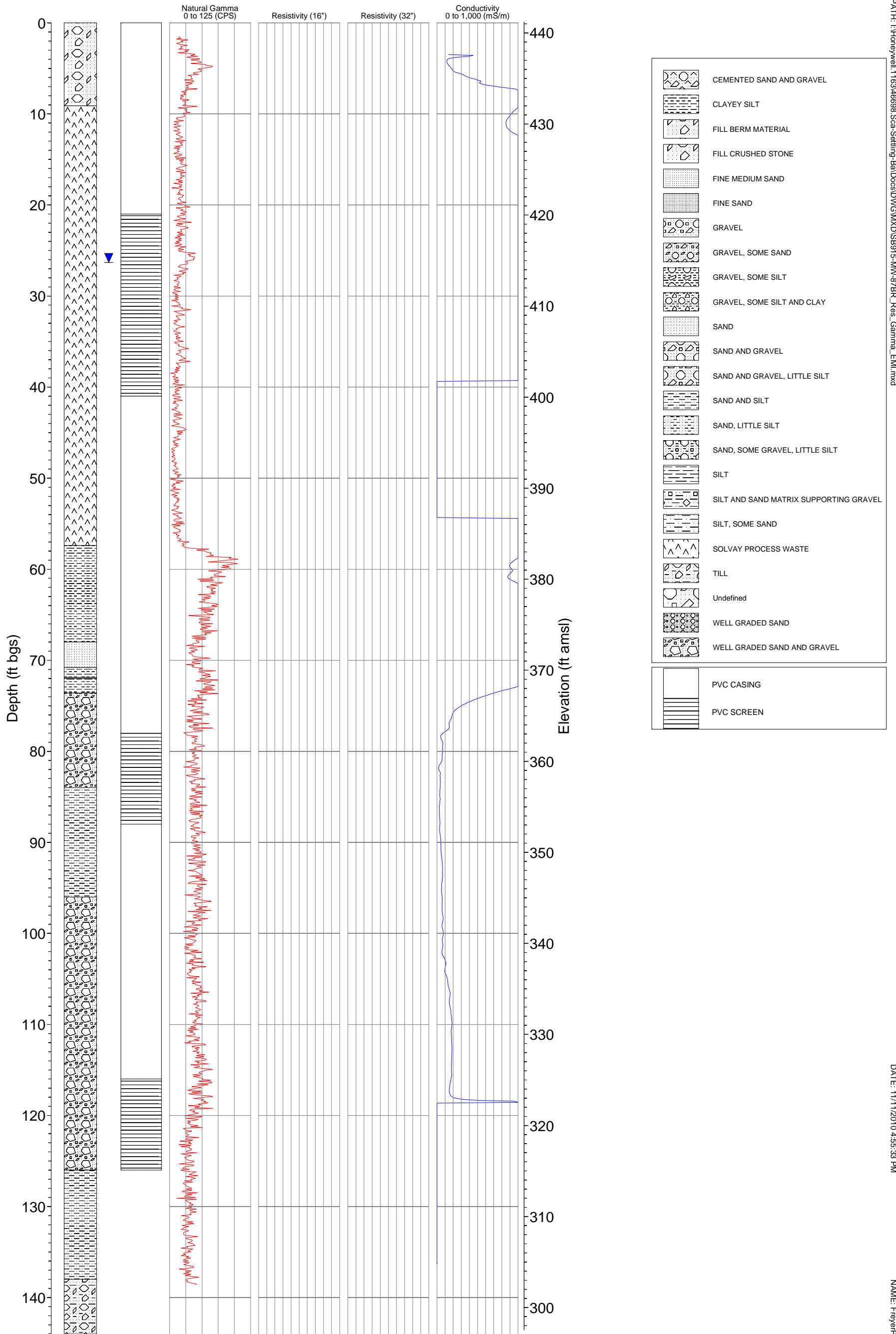
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**SB915-MW-90BR
RESISTIVITY, SPONTANEOUS POTENTIAL**

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BOREHOLE GEOPHYSICAL SUMMARY

FIGURE 9

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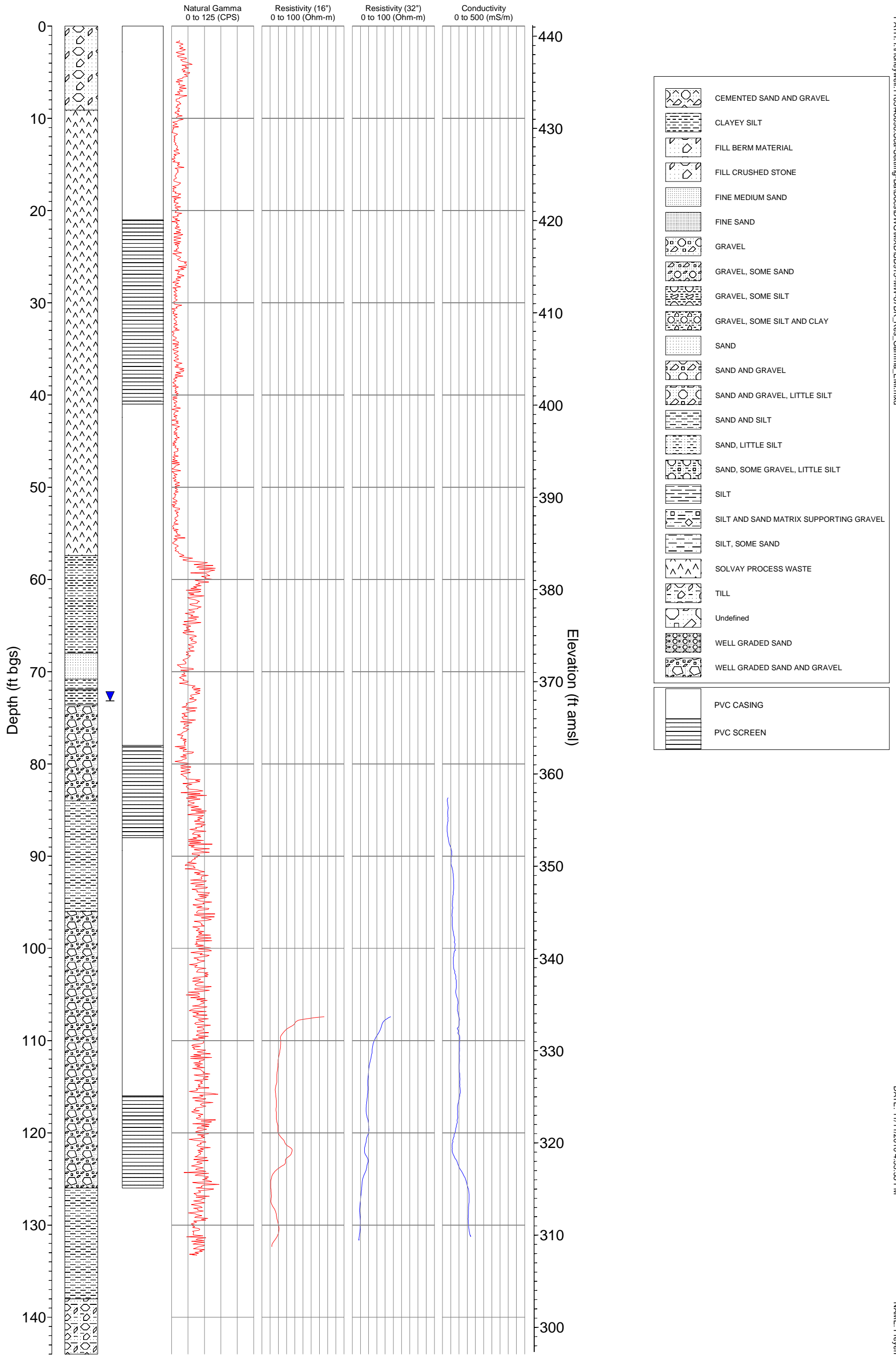
SB915-MW-91BR
NATURAL GAMMA, RESISTIVITY, AND ELECTROMAGNETIC INDUCTION

FIGURE 10

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 BOREHOLE GEOPHYSICAL SUMMARY

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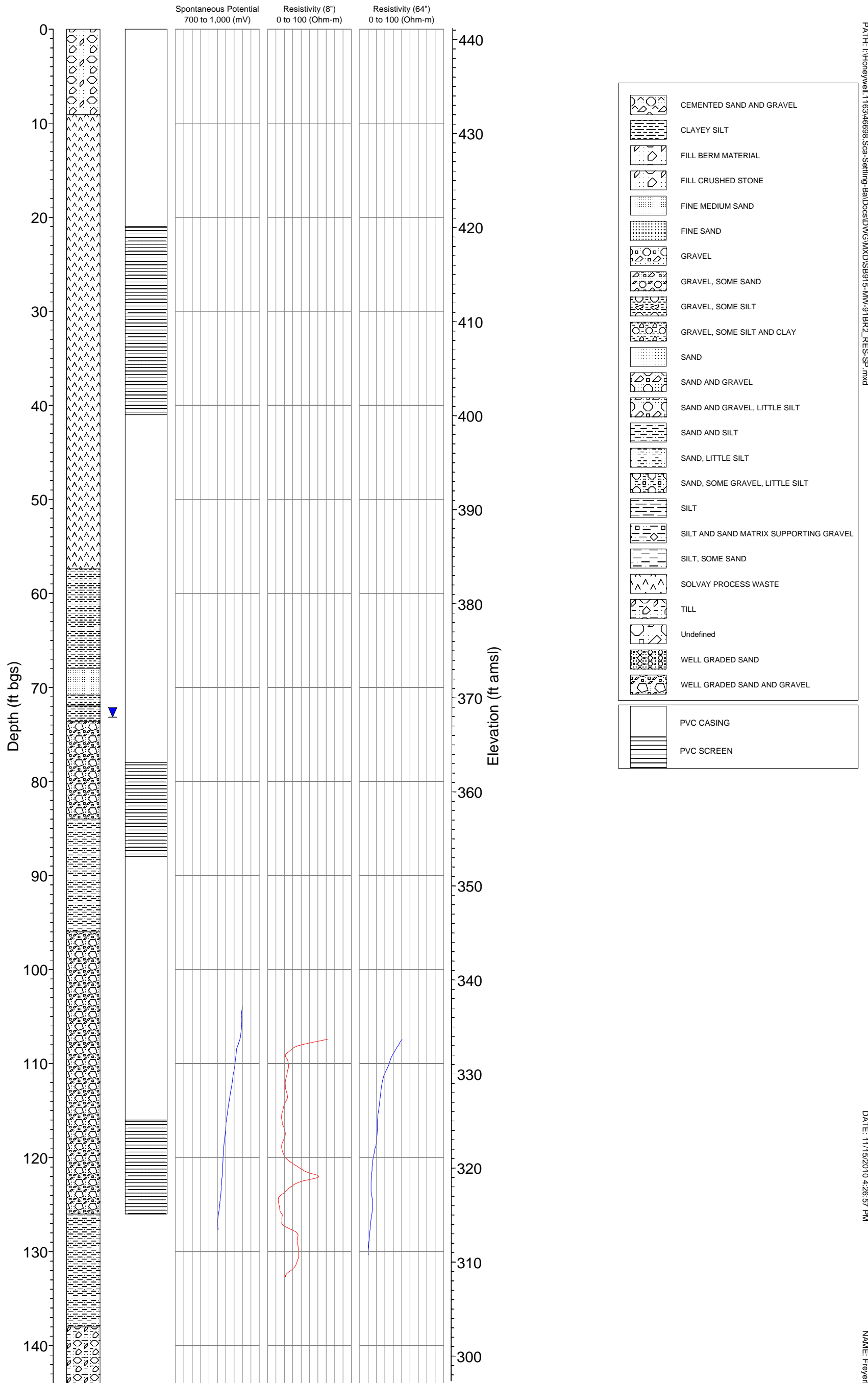
**SB915-MW-91BR2
NATURAL GAMMA, RESISTIVITY, AND ELECTROMAGNETIC INDUCTION**

FIGURE 11

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BOREHOLE GEOPHYSICAL SUMMARY

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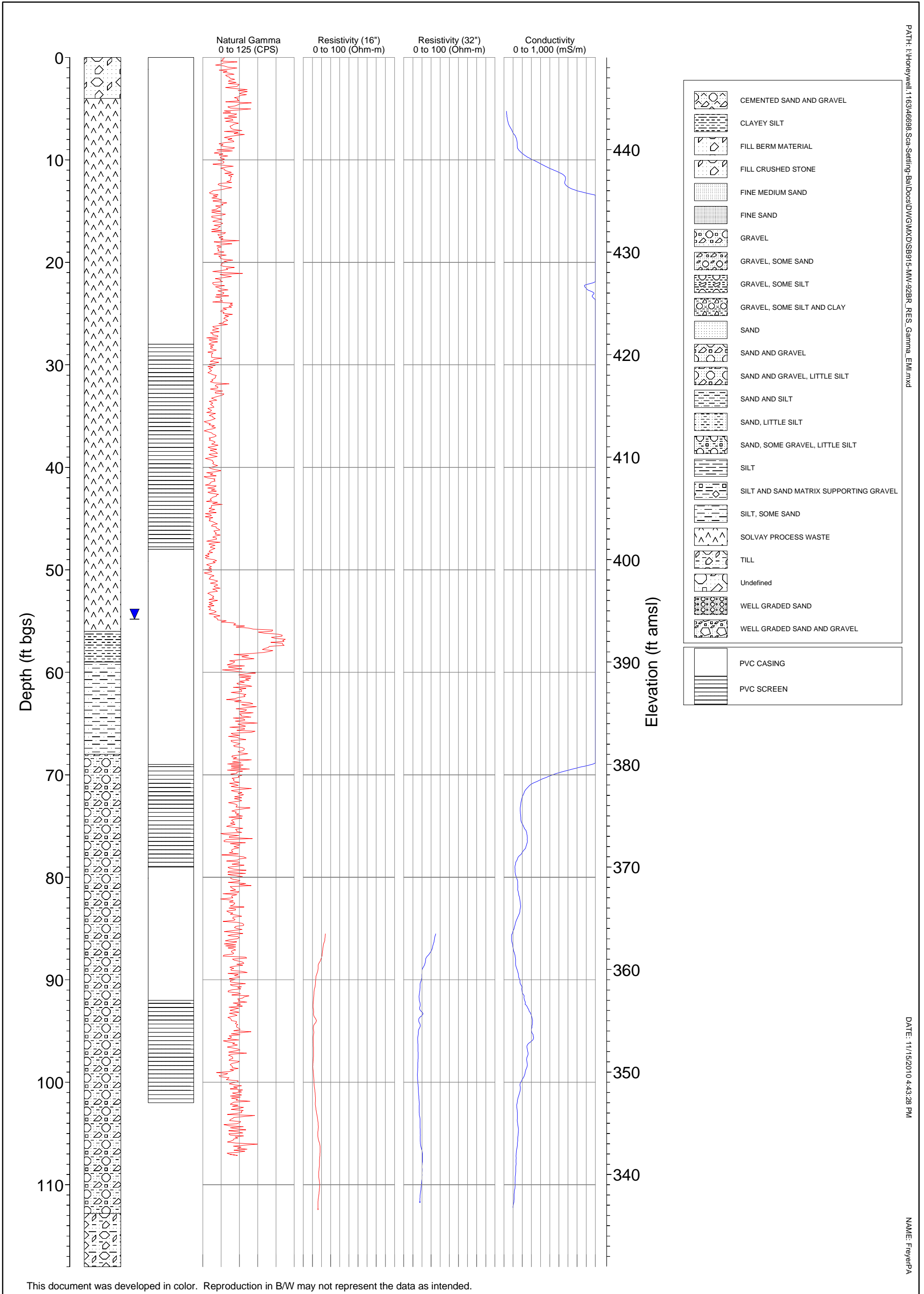
**SB915-MW-91BR2
RESISTIVITY, SPONTANEOUS POTENTIAL**

HONEYWELL INTERNATIONAL
SCA HYDROGEOLOGIC INVESTIGATION
BOREHOLE GEOPHYSICAL SUMMARY

FIGURE 12

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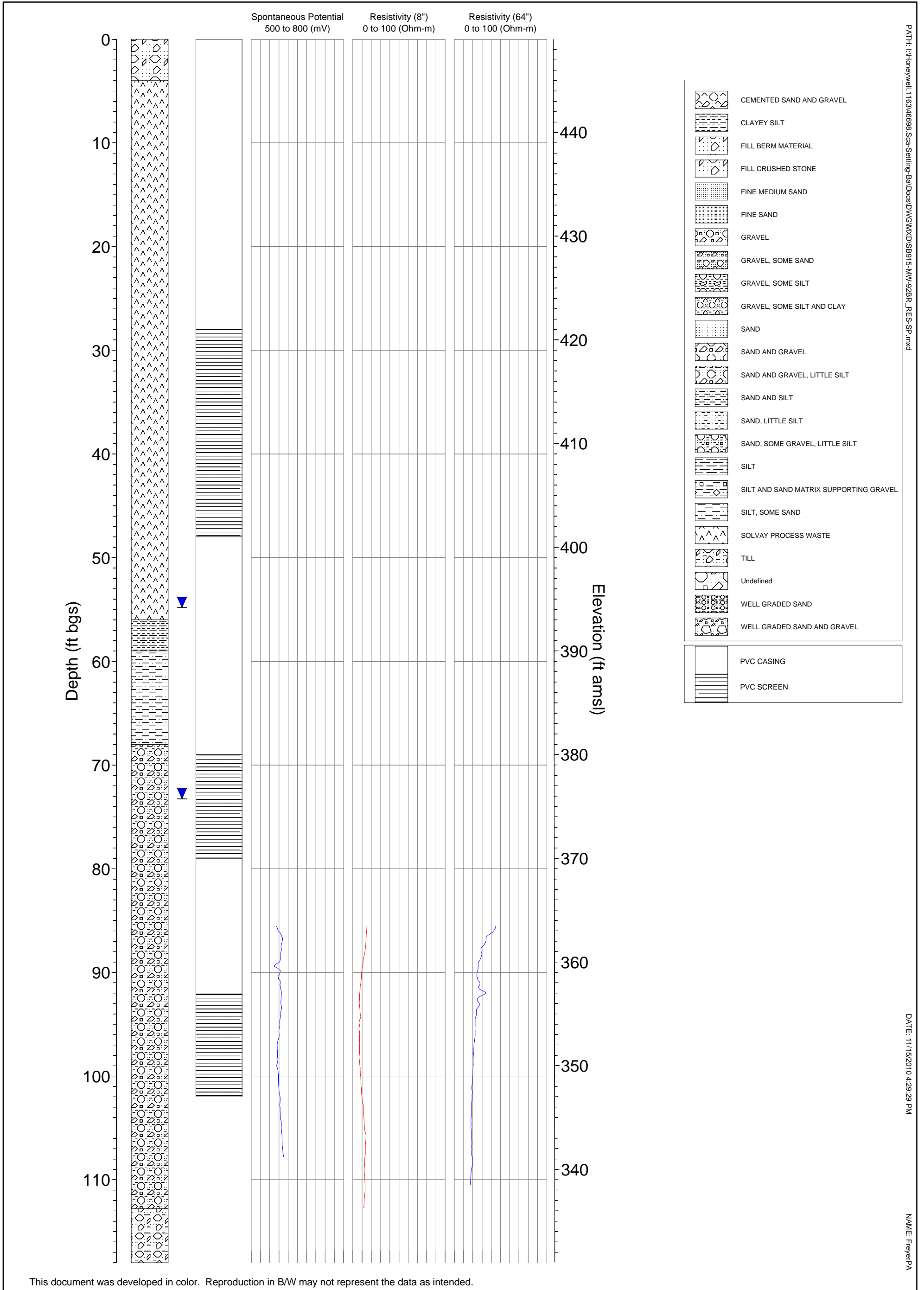
SB915-MW-92BR
NATURAL GAMMA, RESISTIVITY, AND ELECTROMAGNETIC INDUCTION

FIGURE 13

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 SCA HYDROGEOLOGIC INVESTIGATION
 BOREHOLE GEOPHYSICAL SUMMARY

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**SB915-MW-92BR
RESISTIVITY, SPONTANEOUS POTENTIAL**

HONEYWELL INTERNATIONAL
SCA HYDROGEOLOGIC INVESTIGATION
BOREHOLE GEOPHYSICAL SUMMARY

FIGURE 14

NOVEMBER 2010
1163/46698

Well Development Logs

Honeywell Site : SB-9-15

Date: 2/16/11 Field Personnel: JMN/ER/WB(PW) Weather: PE cloudy 35°
 Site Name: SB 915 Contractor: OBG/PW Project No.: 1163/46698
 Site Location: Camillus Evacuation Method: Waterless

Well information:

Depth to Bottom (Initial)* 101.22/128.15 ft. Date(s) Installed: _____ Date(s) Developed: 2/16/11
 Depth to Bottom (Final)* 129.41 ft. Well condition: _____ Development Time: Start: 1000
 Depth to Water (Initial)* 24.33 ft. Well Diameter: 2 in. Stop: 1545
 Depth to Water (Final)* 103.82 ft. Casing Volume: _____ gal.
 Length of Water Column (LWC) 103.82 ft. Air Monitoring: _____ Development Method: _____
 1 Well Volume (0.163xLWC) 16.92 gall. Pump setting* _____ * Measuring point: _____
 (Intake)

Well Volumes	Volume of Water Removed (Gallons)	Temperature °C	pH s.u	Conductivity mS/cm or µS/cm	Turbidity (NTU)	Approximate Flow Rate (gal/min)	Hydrometer	Depth to Water (ft.)
Start	0	8.6	9.47	78.8	71000	0.8	1.046	42.15
1	17	8.7	10.73	66.8	71000	1.0	1.036	86.20
2	34	8.6	10.20	88.1	71000	0.75	1.039	75.95
3	51	8.3 8.3	9.1 9.1	91.1	71000	0.50	1.040	61.45
4	68	8.3	9.54	92.5	71000	0.75	1.040	49.28
5	85	8.6 8.6	9.36	92.7	71000	0.75	1.0410	52.12
6	102	8.4	9.04	93.6	647	1.25	1.040	52.05
¹⁴⁵³ 7	119	8.7	8.02	93.1	488	1.25	1.040	62.00
¹⁵⁰³ 8	136	9.2	7.89	92.3	Er2	1.25	1.040	65.75
¹⁵²² 9	153	9.0	7.62	92.8	643	1.25	1.040	68.22
¹⁵⁴⁰ 10	170	9.0	8.03	92.9	399	1.25	1.040	67.25

Development Water Characteristics:

Total volume of Development water removed: 170 gal
 Development Water Disposal Method: _____
 Physical appearance at start
 Color: Brown
 Odor: None
 Sheen/Free Product: None

Physical appearance at end
 Color: Brown/cloudy
 Odor: None
 Sheen/Free Product: None

NOTES:

Geologist Signature: _____



Honeywell Site :

Date 2/16/11 Field Personnel EBR/JMN/WEB(PW) Weather Overcast 30°
 Site Name SB 915 Contractor OBE/PW Project No. 1163/46698
 Site Location Camillus Evacuation Method Watterra

Well information:

Depth to Bottom (Initial)* 106.14 ft. Date(s) Installed _____ Date(s) Developed 2/16/11
 Depth to Bottom (Final)* 74.20 ft. Well condition _____ Development Time Start: 1010
 Depth to Water (Initial)* 29.08 ft. Well Diameter 2 in. Stop: 1400
 Depth to Water (Final)* 29.10 ft. Casing Volume _____ gal.
 Length of Water Column (LWC) 37.06 ft. Air Monitoring _____ Development Method Watterra
 1 Well Volume (0.163xLWC) 6.04 gall. Pump setting* _____ * Measuring point PVC
 (intake)

Well Volumes	Volume of Water Removed (Gallons)	Temperature °C	pH s.u	Conductivity mS/cm or µS/cm	Turbidity (NTU)	Approximate Flow Rate (gal/min)	Hydrometer	Depth to Water (ft.)
Start	0	7.9	8.55	4.66	>1000	1300 ml/min	1.010	29.20
1	7.4	8.8	7.84	4.43	>1000			29.18
2	14.8	8.8	7.80	4.44	>1000			29.14
3	22.2	8.8	7.73	4.47	709			29.14
4	29.6	8.6	7.74	4.46	1044			29.11
5	37.0	8.6	7.71	4.46	620	3000 ml/min		29.14
6	44.4	8.0	7.67	4.53	246			29.11
7	51.8	8.4	7.69	4.50	66.7			29.11
8	59.2	8.3	7.70	4.49	63.4			29.10
9	66.6	8.2	7.69	4.48	23.7			29.10
10	74.0	7.2	7.72	4.49	28.5		1.002	29.10

Development Water Characteristics:

Total volume of Development water removed: 110 gals.

Development Water Disposal Method: _____

Physical appearance at start

Color Brown
 Odor None

Physical appearance at end

Color Clear
 Odor None

Sheen/Free Product Sheen

Sheen/Free Product None

NOTES: After pumping mud for 1/2 hour the depth to bottom is 74.51
∴ LWC = 45.43 & 1 Well Vol. = 7.41 gal.

Geologist Signature: _____



Honeywell Site :

Date: 2/22/11, Field Personnel: EBR/JMN/WEB, Weather: Sunny 20°, Site Name: SB915, Contractor: OBG/PW, Project No.: 1163/46698, Site Location: Camillus, Evacuation Method: Watterra

Well information:

Depth to Bottom (Initial)*: 109.94 ft., Date(s) Installed: , Date(s) Developed: 2/22/11, Depth to Bottom (Final)*: 111.45 ft., Well condition: , Development Time: Start: 1000, Depth to Water (Initial)*: 26.33 ft., Well Diameter: 2 in., Stop: 1650, Depth to Water (Final)*: 78.90 ft., Casing Volume: , gal., Length of Water Column (LWC): 83.61 ft., Air Monitoring: , Development Method: Watterra, 1 Well Volume (0.163xLWC): 13.6 gall., Pump setting* (intake): , * Measuring point: DUC

Table with 9 columns: Well Volumes, Volume of Water Removed (Gallons), Temperature °C, pH s.u., Conductivity (mS/cm or µS/cm), Turbidity (NTU), Approximate Flow Rate (gal/min), Hydrometer, Depth to Water (ft.). Rows 1-10 show data points for well development.

Development Water Characteristics:

Total volume of Development water removed: 140

Development Water Disposal Method:

Physical appearance at start

Color: Cloudy/brown

Odor: None

Sheen/Free Product: None

Physical appearance at end

Color: Clear

Odor: None

Sheen/Free Product: None

NOTES:

Blank lines for notes.

Geologist Signature:



Honeywell Site :

Date 2/25/11 Field Personnel NV/JN/WB Weather 30° SNOW
 Site Name SB915 Contractor PBG/PW Project No. 1163/41698
 Site Location Comillus Evacuation Method Winteren

Well information:

Depth to Bottom (Initial)* 69.09 ft. Date(s) Installed _____ Date(s) Developed 2/25 -
 Depth to Bottom (Final)* 70.26 ft. Well condition _____ Development Time Start: 0900
 Depth to Water (Initial)* 27.65 ft. Well Diameter 2 in. Stop: 1150
 Depth to Water (Final)* 32.0 ft. Casing Volume _____ gal.
 Length of Water Column (LWC) 21.94 ft. Air Monitoring _____ Development Method Winteren
 1 Well Volume (0.163xLWC) 3.5 6.75 gall. Pump setting* _____ * Measuring point PUL
 (intake)

Well Volumes	Volume of Water Removed (Gallons)	Temperature °C	pH s.u	Conductivity <small>µS/cm or µS/cm</small>	Turbidity (NTU)	Approximate Flow Rate (gal/min)	Hydrometer	Depth to Water (ft.)
Start	0	10.4	7.85	19.2	>1100	0.5	1.026	28.98
0911 1	6.75	10.2	7.76	25.9	71100	0.5		32.83
0958 2	13.5	10.1	7.62	26.5	71100	0.5		32.62
1011.5 3	20.25	10.3	7.70	27.0	71100	0.5		32.37
1026 4	27	10.2	7.62	27.2	71100	0.5		32.40
1041 5	33.75	10.0	7.65	27.4	71100	0.5		32.11
1055 6	40.5	9.9	7.94	27.8	71100	0.5		32.30
1109 7	47.25	9.8	7.93	27.9	71100	0.5		32.48
1122 8	54	10.2	7.47	27.6	>1100	0.5		32.12
1135 9	60.75	10.2	7.61	27.7	71100	0.5		32.18
1148 10	67.5	10.0	7.59	27.9	71100	0.5		32.00

Development Water Characteristics:

Total volume of Development water removed: 67.5 gal
 Development Water Disposal Method: _____
 Physical appearance at start Physical appearance at end
 Color Brown Color Brown
 Odor chemical like odor Odor Chemical like odor
 Sheen/Free Product None Sheen/Free Product None

NOTES:

Geologist Signature: _____



Honeywell Site :

Date 2/25/11 Field Personnel SN/UV/WB Weather 305 SNOW
 Site Name SB915 Contractor OBG/PW Project No. 1163/46648
 Site Location Camillus Evacuation Method Water

Well information:

Depth to Bottom (Initial)* 55.0 ft. Date(s) Installed _____ Date(s) Developed 2/25
 Depth to Bottom (Final)* 55.0 ft. Well condition _____ Development Time Start: 0900
 Depth to Water (Initial)* 27.61 ft. Well Diameter 2 in. Stop: 1038
 Depth to Water (Final)* 28.29 ft. Casing Volume _____ gal.
 Length of Water Column (LWC) 27.39 ft. Air Monitoring _____ Development Method Water
 1 Well Volume (0.163xLWC) 4.46 gall. Pump setting* _____ * Measuring point PVC
 (intake)

Well Volumes	Volume of Water Removed (Gallons)	Temperature °C	pH s.u	Conductivity $\mu S/cm$ or $\mu S/cm$	Turbidity (NTU)	Approximate Flow Rate (gal/min)	Hydrometer	Depth to Water (ft.)
Start	0	10.3	8.35	3.82	>1100	0.2	1.016	28.45
1 942	4.5	10.1	8.00	9.2	71100	0.75		28.40
2 950	9.0	10.8	7.94	10.4	>1100	0.75		28.45
3 9956	13.5	10.6	7.79	10.3	71100	0.75		28.45
4 1002	18.0	10.6	7.88	10.7	1088	0.75		28.45
5 1008	22.5	10.8	7.76	10.6	663	0.75		28.45
6 1014	27	10.9	7.86	11.0	546	0.75		28.45
7 1020	31.5	10.8	7.76	10.8	469	0.75		28.45
8 1026	36	10.6	7.77	10.8	413	0.75		28.45
9 1032	40.5	10.9	7.92	11.2	361	0.75		28.45
10 1038	45.0	10.8	7.77	10.9	321	0.75	1.001	28.45

Development Water Characteristics:

Total volume of Development water removed: 45 gal
 Development Water Disposal Method: _____
 Physical appearance at start: Color Brown Physical appearance at end: Color cloudy
 Odor None Odor Chemical like odor
 Sheen/Free Product None Sheen/Free Product None

NOTES:

Geologist Signature: _____



Honeywell Site :

Date: 2/25/11 Field Personnel: JW/WV/WB Weather: 30' SNOW
 Site Name: SB915 Contractor: OBG/PW Project No.: 1163/46698
 Site Location: Camillas Evacuation Method: Water

Well information:

Depth to Bottom (Initial)* 36.56 ft. Date(s) Installed: _____ Date(s) Developed: 2/25 -
 Depth to Bottom (Final)* 38.48 ft. Well condition: _____ Development Time: Start: 1110
 Depth to Water (Initial)* 28.57 ft. Well Diameter: 2 in. Stop: _____
 Depth to Water (Final)* 28.58 ft. Casing Volume: _____ gal. Development Method: Water
 Length of Water Column (LWC) 8.08 ft. Air Monitoring: _____ * Measuring point: PVC
 1 Well Volume (0.163xLWC) 1.3 gall. Pump setting* (intake): _____

Well Volumes	Volume of Water Removed (Gallons)	Temperature °C	pH s.u.	Conductivity (µS/cm or µS/cm)	Turbidity (NTU)	Approximate Flow Rate (gal/min)	Hydrometer	Depth to Water (ft.)
Start	0	10.8	8.53	2.32	>1100	#	1.008	28.58
1	1.5	10.6	8.20	1.34	>1100			28.58
2	3.0	10.9	8.43	1.95	>1100			28.58
3	4.5	10.7	8.23	1.45	>1100			28.58
4	6.0	10.9	8.14	1.41	>1100			28.58
5	7.5	10.9	8.26	1.93	>1100			28.58
6	9.0	10.4	8.11	1.44	>1100			28.58
7	10.5	10.9	8.05	1.43	782			28.58
8	12	10.7	8.05	1.68	550			28.58
9	13.5	9.7	7.74	1.62	505			28.58
10	15.0	10.1	7.90	1.55	960		1.000	28.58

Development Water Characteristics:

Total volume of Development water removed: 15 gal
 Development Water Disposal Method: _____

Physical appearance at start

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

Physical appearance at end

Color: Brown/clear
 Odor: None
 Sheen/Free Product: None

NOTES:

Geologist Signature: _____



Honeywell Site :

Date 2/18/11 Field Personnel EBR/JMN/WEB Weather Overcast 50°
Site Name SB 915 Contractor OBG/PW Project No. 1103/46698
Site Location Camillus Evacuation Method Waterra

Well information:

Depth to Bottom (Initial)* 129.78 ft. Date(s) Installed Date(s) Developed 2/18/11
Depth to Bottom (Final)* 129.78 ft. Well condition
Depth to Water (Initial)* 26.10 ft. Well Diameter 2 in. Start: 0940
Depth to Water (Final)* 34.0 ft. Casing Volume gal. Stop: 1400
Length of Water Column (LWC) 103.68 ft. Air Monitoring Development Method Waterra
1 Well Volume (0.163xLWC) 16.90 gall. Pump setting* Measuring point PVC

Table with 9 columns: Well Volumes, Volume of Water Removed (Gallons), Temperature °C, pH s.u, Conductivity (ms/cm or µS/cm), Turbidity (NTU), Approximate Flow Rate (gal/min), Hydrometer, Depth to Water (ft.). Rows 1-10 show data points for well development.

Development Water Characteristics:

Total volume of Development water removed: 170 gal
Development Water Disposal Method:

Physical appearance at start Color Cloudy Physical appearance at end Color Cloudy
Odor None Odor None
Sheen/Free Product None Sheen/Free Product None

NOTES:

Blank lines for notes and Geologist Signature line.

BR



Honeywell Site :

Date: 2/18/11, Field Personnel: EBR/LMN/WEB, Weather: Overcast 50°, Site Name: SB 915, Contractor: OBG/PW, Project No.: 1163/46698, Site Location: Camillus, Evacuation Method: Waterra

Well information:

Depth to Bottom (Initial)*: 75.68 ft., Date(s) Installed: , Date(s) Developed: 2/18/11, Depth to Bottom (Final)*: 75.62 ft., Well condition: , Development Time: Start: 0940, Stop: 1153, Depth to Water (Initial)*: 27.59 ft., Well Diameter: 2 in., Casing Volume: gal., Depth to Water (Final)*: 28.05 ft., Air Monitoring: , Development Method: Waterra, Length of Water Column (LWC): 48.09 ft., Air Monitoring: , Development Method: Waterra, 1 Well Volume (0.163xLWC): 7.84 gal., Pump setting* (intake): , * Measuring point: PVC

Table with 9 columns: Well Volumes, Volume of Water Removed (Gallons), Temperature °C, pH s.u., Conductivity mS/cm or µS/cm, Turbidity (NTU), Approximate Flow Rate (gal/min), Hydrometer, Depth to Water (ft.). Rows 1-10 show development data.

Development Water Characteristics:

Total volume of Development water removed: 78 gal

Development Water Disposal Method:

Physical appearance at start: Color: Cloudy, Odor: None, Sheen/Free Product: None

Physical appearance at end: Color: Cloudy, Odor: None, Sheen/Free Product: None

NOTES:

Blank lines for notes.

Geologist Signature:



Honeywell Site :

Date 2/18/11 Field Personnel EBR/JMN/WEB Weather Overcast 50°
 Site Name SB 915 Contractor OBG/PW Project No. 1163/46698
 Site Location Camillus Evacuation Method Watertra

Well information:

Depth to Bottom (Initial)* 55.89 ft. Date(s) Installed _____ Date(s) Developed 2/18/11
 Depth to Bottom (Final)* 55.71 ft. Well condition _____ Development Time Start 0940
 Depth to Water (Initial)* 27.79 ft. Well Diameter 2 in. Stop: 1200
 Depth to Water (Final)* 30.15 ft. Casing Volume _____ gal.
 Length of Water Column (LWC) 28.10 ft. Air Monitoring _____ Development Method Watertra
 1 Well Volume (0.163xLWC) 4.58 gall. Pump setting* _____ * Measuring point PVC
 (intake)

Well Volumes	Volume of Water Removed (Gallons)	Temperature °C	pH s.u	Conductivity mS/cm or µS/cm	Turbidity (NTU)	Approximate Flow Rate (gal/min)	Hydrometer	Depth to Water (ft.)
Start	0	11.1	9.48	2.10	>1100	1900ml/min	1.002	34.43
1	4.5	11.4	8.63	3.82	>1100			35.81
2	9.0	11.3	8.57	5.54	>1100			34.35
3	13.5	11.7	8.48	6.34	717			37.82
4	18.0	11.7	8.45	7.24	349			37.75
5	22.5	11.9	8.14	7.68	277			38.05
6	27.0	11.9	8.12	7.64	298			40.68
7	31.5	12.0	8.02	9.20	80.4			38.95
8	36.0	11.9	7.96	9.1	65.4			38.70
9	40.5	11.8	7.91	9.2	46.1			38.95
10	45.0	12.0	7.90	9.2	45.2		1.004	38.80

Development Water Characteristics:

Total volume of Development water removed: 50

Development Water Disposal Method: _____

Physical appearance at start

Color Brown

Odor None

Sheen/Free Product None

Physical appearance at end

Color Clear

Odor None

Sheen/Free Product None

NOTES:

Pumped 3 gals. of mud to begin.

Geologist Signature: _____



Honeywell Site :

Date 2/22/11 Field Personnel EBR/JMN/WEB Weather Sunny 10°
 Site Name SB 915 Contractor DBG/PW Project No. 1163/46698
 Site Location Camillus Evacuation Method Western

Well information:

Depth to Bottom (Initial)* 34.50 ft. Date(s) Installed _____ Date(s) Developed 2/22/11
 Depth to Bottom (Final)* 34.49 ft. Well condition _____ Development Time Start: 0945
 Depth to Water (Initial)* 27.30 ft. Well Diameter 2 in. Stop: 1125
 Depth to Water (Final)* 27.30 ft. Casing Volume _____ gal.
 Length of Water Column (LWC) 7.2 ft. Air Monitoring _____ Development Method Western
 1 Well Volume (0.163xLWC) 1.17 gall. Pump setting* _____ * Measuring point PVC
 (intake)

Well Volumes	Volume of Water Removed (Gallons)	Temperature °C	pH s.u	Conductivity (mS/cm or µS/cm)	Turbidity (NTU)	Approximate Flow Rate (gal/min)	Hydrometer	Depth to Water (ft.)
Start	0	6.0	10.76	3.99	>1100		1.034	27.25
1	1.2	7.9	10.11	1.91	>1100			27.25
2	2.4	8.9	9.33	1.74	>1100			27.24
3	3.6	8.6	9.11	1.70	>1100			27.30
4	4.8	9.6	8.80	1.66	>1100			27.29
5	6.0	9.4	8.62	1.65	>1100			27.30
6	7.2	7.1	8.59	1.72	>1100			27.29
7	8.4	8.8	8.48	1.62	1036			27.30
8	9.6	9.5	8.32	1.60	708			27.29
9	10.8	9.3	8.29	1.59	511			27.29
10	12.0	9.4	8.20	1.59	404		1.002	27.30

Development Water Characteristics:

Total volume of Development water removed: 16

Development Water Disposal Method: _____

Physical appearance at start

Color Brown

Odor None

Sheen/Free Product None

Physical appearance at end

Color cloudy

Odor None

Sheen/Free Product None

NOTES:

Geologist Signature: _____



Honeywell Site :

Date 2/22/11 Field Personnel EBR/JMN/WEI3 Weather Sunny 205
 Site Name SB915 Contractor OBC/PW Project No. 1163/46698
 Site Location Camillus Evacuation Method ~~11/11/11~~

Well Information:

Depth to Bottom (Initial)* 22.29 ft. Date(s) Installed _____ Date(s) Developed _____
 Depth to Bottom (Final)* 22.29 ft. Well condition _____ Development Time Start: _____
 Depth to Water (Initial)* _____ ft. Well Diameter 2 in. Stop: _____
 Depth to Water (Final)* Dry ft. Casing Volume _____ gal.
 Length of Water Column (LWC) _____ ft. Air Monitoring _____ Development Method _____
 1 Well Volume (0.183xLWC) _____ gall. Pump setting* _____ * Measuring point _____
 (intake)

Well Volumes	Volume of Water Removed (Gallons)	Temperature °C	pH s.u	Conductivity mS/cm or µS/cm	Turbidity (NTU)	Approximate Flow Rate (gal/min)	Hydrometer	Depth to Water (ft.)
Start								
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								

Development Water Characteristics:

Total volume of Development water removed: _____

Development Water Disposal Method: _____

Physical appearance at start

Physical appearance at end

Color _____

Color _____

Odor _____

Odor _____

Sheen/Free Product _____

Sheen/Free Product _____

NOTES:

Dry well

Geologist Signature: _____

Honeywell Site :

Date 2/15/11 Field Personnel JMN/EBR/WEB (P) Weather Sunny 11°
 Site Name SB 915 Contractor OBG/PW Project No. 1163/440698
 Site Location Cornillus Evacuation Method Grudfos

Well Information:

Depth to Bottom (Initial) * 131.32 ft. Date(s) Installed _____ Date(s) Developed 2/15/11/2/16/11
 Depth to Bottom (Final)* 132.75 ft. Well condition _____ Development Time Start: 0935
 Depth to Water (Initial)* 22.81 ft. Well Diameter 2 in. Stop: _____
 Depth to Water (Final)* 26.71 ft. Casing Volume _____ gal.
 Length of Water Column (LWC) 108.51 ft. Air Monitoring _____
 1 Well Volume (0.163xLWC) 17.69 gall. Pump setting* _____ Development Method Grudfos
 * Measuring point PVC

Well Volumes	Volume of Water Removed (Gallons)	Temperature °C	pH s.u	Conductivity mS/cm or µS/cm	Turbidity (NTU)	Approximate Flow Rate (gal/min) ^{l/min}	Hydrometer	Depth to Water (ft.)
Start	0	8.0	9.05	3.10	55	1600 ^{1.6 l/min}	1.000	36.05
1	18.0	9.5	8.86	1.92	0	5.22 ^{l/min}	1.002	✓
2	27.0	9.0	8.51	50.4	400	NA	5.22 1.026	117.0
3	38.0	9.6	7.87	51.7	E ₂ ^{>1000}	NA	1.025	115.0
4	57.0	11.4	7.87	62.4	E ₃ ^{>1000}	N/A	1.029	120.0
5	79.0	12.2	6.50 ^{7.64}	62.8	560	N/A	1.030	115.23
6	99.0	11.3	6.78	63.5	643	N/A	1.030	125.0
7	119.0	12.2	8.12	59.8	48	N/A	1.030	125.0
8	119.0 140.0	14.0	7.85	57.2	1.46	NA	1.030	125.0
9								
10								

Development Water Characteristics:

Total volume of Development water removed: 140 gal

Development Water Disposal Method: _____

Physical appearance at start

Color Clear
 Odor None
 Sheen/Free Product None

Physical appearance at end

Color Cheer
 Odor None
 Sheen/Free Product None

NOTES:

2/16/11 Depth to Water at start 27.12 FT Final 124.35 at 0924 15
88.6 @ 11:55
5.83 gal 15/min
0.04 gal/min

Geologist Signature: _____

Honeywell Site :

Date 2/15/11 Field Personnel JMN/EBR/WEB(PW) Weather Sunny 11°
 Site Name SB 915 Contractor OBG/PW Project No. 1163/46698
 Site Location Camillus Evacuation Method Waterira

Well Information:

Depth to Bottom (Initial) * 56.25 ft. Date(s) Installed _____ Date(s) Developed 2/15/11
 Depth to Bottom (Final)* 56.29 ft. Well condition _____ Development Time Start: 0910
 Depth to Water (Initial)* 24.42 ft. Well Diameter 2 in. Stop: 1200
 Depth to Water (Final)* _____ ft. Casing Volume _____ gal.
 Length of Water Column (LWC) 31.83 ft. Air Monitoring _____ Development Method Waterira
 1 Well Volume (0.163xLWC) 5.19 gall. Pump setting* _____ * Measuring point PVC
 (Intake)

Well Volumes	Volume of Water Removed (Gallons)	Temperature °C	pH s.u.	Conductivity mS/cm or µS/cm	Turbidity (NTU)	Approximate Flow Rate (gal/min)	Hydrometer	Depth to Water (ft.)
Start	0	7.7	8.61	13.6	550		1.002	26.27
1	5.2	7.5	7.35	15.8	>1000			26.04
2	10.4	7.5	7.27	14.6	>1000			25.95
3	15.6	7.9	7.24	13.2	>1000			24.95
4	20.8	8.2	7.25	11.9	450			25.98
5	26.0	8.6	7.22	11.7	600			25.97
6	31.2	7.8	7.24	11.2	354			25.94
7	36.4	8.6	7.23	10.9	380			25.92
8	41.6	8.7	7.23	11.0	379			25.91
9	46.8	8.4	7.22	11.1	319			25.92
10	52.0	7.3	7.25	11.2	249	1.2 gal/min	1.002	25.91

Development Water Characteristics:

 Total volume of Development water removed: 80 gals.

Development Water Disposal Method: _____

Physical appearance at start

 Color Cloudy

 Odor None

 Sheen/Free Product None

Physical appearance at end

 Color Cloudy

 Odor None

 Sheen/Free Product None
NOTES:

Pumped drilling mud out of well prior to start of recording the development.

Geologist Signature: _____



Honeywell Site :

Date 2/15/11 Field Personnel JMN/EBR/WEB(PW) Weather Sunny 11°
 Site Name SB 915 Contractor DBG/PW Project No. 1103/46698
 Site Location Camillus Evacuation Method Water/Water

Well information:

Depth to Bottom (Initial) * 40.85 ft. Date(s) Installed _____ Date(s) Developed 2/15/11
 Depth to Bottom (Final)* _____ ft. Well condition _____ Development Time Start: 0910
 Depth to Water (Initial)* 24.42 ft. Well Diameter 2 in. Stop: _____
 Depth to Water (Final)* _____ ft. Casing Volume _____ gal.
 Length of Water Column (LWC) 16.43 ft. Air Monitoring _____ Development Method Water/Water
 1 Well Volume (0.163xLWC) 2.68 gall. Pump setting* _____ * Measuring point PVC
 (intake)

Well Volumes	Volume of Water Removed (Gallons)	Temperature °C	pH s.u	Conductivity mS/cm or µS/cm	Turbidity (NTU)	Approximate Flow Rate (gal/min)	Hydrometer	Depth to Water (ft.)
Start	0	7.7	8.61	13.6	550	3200 ml/m	1.002	26.27
1	2.7	7.5	7.44	15.9	>1000	2700 ml/m		26.32
2	5.4	7.5	7.35	15.8	>1000			26.04
3	8.1	7.5	7.29	15.7	900			25.98
4	10.8	7.5	7.27	14.6	>1000			25.95
5	13.5	5.9	7.30	13.2	1057			25.95
6	16.2	7.9	7.24	13.2	>1000			25.95
7					354			
8								
9								
10								

Development Water Characteristics:

Total volume of Development water removed: _____

Development Water Disposal Method: _____

Physical appearance at start

Color _____

Odor _____

Sheen/Free Product _____

Physical appearance at end

Color _____

Odor _____

Sheen/Free Product _____

NOTES:

Geologist Signature: _____



Honeywell Site :

Page 1 of 2

Date 3/15/11 Field Personnel JN/TP/WH Weather Sunny 405
Site Name SB915 Contractor OBG Project No. 46698.001.000
Site Location Camillus Evacuation Method Waterra

Well information:

Depth to Bottom (Initial)* 210.1 ft. Date(s) Installed Date(s) Developed 3/15/11
Depth to Bottom (Final)* 216.1 ft. Well condition
Depth to Water (Initial)* 84.25 ft. Well Diameter 2 in. Development Time Start:
Depth to Water (Final)* Casing Volume gal. Stop:
Length of Water Column (LWC) 125.85 ft. Air Monitoring Development Method Waterra
1 Well Volume (0.163xLWC) 20.5 gall. Pump setting* * Measuring point

Table with 9 columns: Well Volumes, Volume of Water Removed (Gallons), Temperature °C, pH s.u, Conductivity mS/cm or µS/cm, Turbidity (NTU), Approximate Flow Rate (gal/min), Hydrometer, Depth to Water (ft.). Rows include Start, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10.

Development Water Characteristics:

Total volume of Development water removed: 99 gallons

Development Water Disposal Method:

Physical appearance at start

Physical appearance at end

Color

Color

Odor

Odor

Sheen/Free Product

Sheen/Free Product

NOTES:

Removed a total of 23 gal on 3/15/11 @ 192.1 DTW
Removed a total of 24 gal on 3/16/11 DTW 191.5 13 gal needed for mat volume
3/14/11 - 32 gallons removed
3/15/11 - 23 gallons
3/16/11 - 24 gallons
3/17/11 - 20 gallons
Geologist Signature: [Signature]
total removed = 99 gallons (4.95)

Honeywell Site :

Page 2 of 2

Date 2/8/11 Field Personnel JMN/JSB Weather Smy 30S
 Site Name SB915 Contractor ORG Project No. 1163/46698
 Site Location Camillus Evacuation Method Grundfos Butler/Wakera

Well information:

Depth to Bottom (Initial)* 207 ~~210~~ ²⁰⁷ 127.0 ft. Date(s) Installed _____ Date(s) Developed 3/8/11
 Depth to Bottom (Final)* 210.1 ft. Well condition _____ Development Time Start: 1245
 Depth to Water (Initial)* 23.51 ft. Well Diameter 2 in. Stop: _____
 Depth to Water (Final)* _____ ft. Casing Volume _____ gal.
 Length of Water Column (LWC) 183.49 ft. Air Monitoring _____ Development Method Grundfos
 1 Well Volume (0.163xLWC) 29.9 gall. Pump setting* _____ * Measuring point DVC
 (intake)

Well Volumes	Volume of Water Removed (Gallons)	Temperature °C	pH s.u	Conductivity (mS/cm) or µS/cm	Turbidity (NTU)	Approximate Flow Rate (gal/min)	Hydrometer	Depth to Water (ft.)
3/11 Start	0	12.05	11.82	13.3	>1100	~1 gal/min	1.007	89.2
3/14/11 1110	~30 since 3/11	9.16	9.58	799.9	NM	~0.25	1.078	152.35
well almost dry	~45 since 3/11	NM	8.75	799.9	NM	~0.25	1.078	206.2
3								
4								
5								
6								
7								
8								
9								
10								

Development Water Characteristics:

Total volume of Development water removed: _____

* NM: not measured

Time	DW
1305	202.1
1415	175.0

Development Water Disposal Method: _____

Physical appearance at start

Physical appearance at end

Color Dark brown (Very Turbid)

Color _____

Odor None

Odor _____

Sheen/Free Product None

Sheen/Free Product _____

NOTES:

89.83 @ 1305 - 1405 - @ 86.8 3.03^{ft} = ~~0.05~~ 494 gal = 0.008 gal/min
~~3/11~~ Grundfos pump not operating properly, pumped for ~10-15 min & stopped. New pump from Five Env. still not working. Water level @ 150' bgs
 3/14/11 DTW = 92.1 bgs ~~127~~ DTB: 127' bgs trying a wakera pump (well silted in 127-207' bgs)
 Too much sediment in water, used a hauler to remove ~15 gallons of water/sediment
 DTW @ end of day is ~185' ~~bgs~~
 DTB > 200'
 Geologist Signature: JMN

3/14/11 DTW = 82.05' bgs, DTB = 207.0' bgs, lowered tubing to ~205' bgs pumping using Wakera (1070)
 1300 - well next dry. DTW ~ 206.2, ~32 gallons removed for a total of 47 gals



Honeywell Site :

Date 2/14/11 - 2/17/11 Field Personnel RT/WB/AW/JMN Weather _____
 Site Name SB915 Contractor ORGE/PW Project No. _____
 Site Location Camillus Evacuation Method Water

Well Information:

Depth to Bottom (Initial)* 132.55 ft. Date(s) Installed _____ Date(s) Developed 2/14 - 2/17
 Depth to Bottom (Final)* 136.14 ft. Well condition _____ Development Time Start: _____
 Depth to Water (Initial)* 76.82 ft. Well Diameter _____ in. Stop: 1200
 Depth to Water (Final)* 81.60 ft. Casing Volume _____ gal.
 Length of Water Column (LWC) 55.73 ft. Air Monitoring _____ Development Method _____
 1 Well Volume (0.163xLWC) 9.08 gall. Pump setting* _____ * Measuring point _____
10 well vol 90.80 (intake)

Well Volumes	Volume of Water Removed (Gallons)	Temperature °C	pH s.u	Conductivity (mS/cm) or µS/cm	Turbidity (NTU)	Approximate Flow Rate (gal/min)	Hydrometer	Depth to Water (ft.)
Start	0	11.00	10.88	7.44	Er3	.50	1.006	76.82
1	9.08	10.26	80.11	7.44	Er3	.5	1.006	77.21
2	18.16	11.12	10.01	7.45	Er3	.5	1.005	77.54
3	27.24	11.37	9.67	7.45	1000	.5	1.003	78.01
4	36.32	12.42	9.54	7.46	1000	.5	1.001	78.05
5	45.4	13.98	9.37	7.46	1000	.5	1.000	78.10
6	54.48	8.25	9.26	8.12	1100	.5	1.002	78.25
7	63.56	10.11	7.14	8.17	71100	.5	1.003	82.10
8	72.64	9.27	8.12	7.89	2457	.5	1.004	80.71
9	81.72	9.6	7.97	7.92	221	.5	1.004	81.20
10	90.80	9.9	7.83	7.94	224	.5	1.003	81.60

Development Water Characteristics:

Total volume of Development water removed: 91 gal
 Development Water Disposal Method: _____
 Physical appearance at start
 Color _____
 Odor _____
 Sheen/Free Product _____

Physical appearance at end
 Color Cloudy
 Odor None
 Sheen/Free Product None

NOTES:

Geologist Signature: _____



Honeywell Site :

Date: 2/14/11 Field Personnel: RT Weather: 46°F Temp Dropping
 Site Name: SB9-15 Contractor: RT PW Project No.: 1163/46698
 Site Location: SB SCA Evacuation Method: Water

Well information:

Depth to Bottom (Initial)* 127.5 ft. Date(s) Installed: _____ Date(s) Developed: 2/14/11
 Depth to Bottom (Final)* _____ ft. Well condition: _____ Development Time: Start: 10:00AM
 Depth to Water (Initial)* 75.65 ft. Well Diameter: _____ in. Stop: _____
 Depth to Water (Final)* _____ ft. Casing Volume: _____ gal.
 Length of Water Column (LWC) 51.85 ft. Air Monitoring: _____ Development Method: Water
 1 Well Volume (0.163xLWC) 8.45 gall. Pump setting* _____ * Measuring point: PVC
10 Volumes = 84.50 (intake)

Well Volumes	Volume of Water Removed (Gallons)	Temperature °C	pH s.u	Conductivity (mS/cm) or µS/cm	Turbidity (NTU)	Approximate Flow Rate (gal/min)	Hydrometer	Depth to Water (ft.)
Start	0	11.69	8.39	6.22	ER2	200	1.002	75.65
1	8.45	10.35	8.75	6.71	ER3	.5	1.006	76.01
2	16.9	10:30	9.01	7.80	ER3	.5	1.008	76.49
3	25.35	9.10	8.18	8.03	ER2	.5	1.006	76.70
4	33.8	9.56	8.10	8.11	479	.5	1.004	76.75
5	42.25	9.23	8.00	8.15	302	.5	1.004	76.80
6	50.7	9.42	7.95	8.21	201	.5	1.002	76.75
7	59.15	9.02	7.87	8.29	100	.5	1.000	76.60
8	67.6	8.71	7.75	8.33	35	.5	1.000	76.50
9	76.05	9.05	7.35	8.33	40	.5	1.000	76.55
10	84.50	9.07	7.40	8.51	40	.5	1.000	76.50

Development Water Characteristics:

Total volume of Development water removed: 100
 Development Water Disposal Method: Poly Tank
 Physical appearance at start: Color Brown Physical appearance at end: Color Clear
 Odor NONE Odor None
 Sheen/Free Product NA Sheen/Free Product NA

NOTES:

Geologist Signature: _____



Honeywell Site :

Date: 2/17/11 Field Personnel: JMN, ER, WB Weather: Sunny 40's
 Site Name: SB915 Contractor: OBC/PW Project No.: 1163/46698
 Site Location: Cummins Evacuation Method: Baker

Well Information:

Depth to Bottom (Initial)* 43.77 ft. Date(s) Installed: _____ Date(s) Developed: 2/17/11
 Depth to Bottom (Final)* 43.78 ft. Well condition: _____ Development Time Start: 1010
 Depth to Water (Initial)* 22.90 ft. Well Diameter: 2 in. Stop: 1600
 Depth to Water (Final)* 30.54 ft. Casing Volume: _____ gal.
 Length of Water Column (LWC) 20.57 ft. Air Monitoring: _____ Development Method: _____
 1 Well Volume (0.163xLWC) 3.40 gall. Pump setting*: _____ * Measuring point: _____
 (intake)

Well Volumes	Volume of Water Removed (Gallons)	Temperature °C	pH s.u.	Conductivity mS/cm or µS/cm	Turbidity (NTU)	Approximate Flow Rate (gal/min)	Hydrometer	Depth to Water (ft.)
Start	0	10.8	13.22	65.7	254		1.030	22.90
1	3.40	11.0	13.25	61.3	71000		1.040	27.60
2	6.80	10.2	13.18	59.9	71000	~.25	1.039	28.62
3	10.20 10.20	10.0	13.14	60.0	71000	~.15	1.040	29.20
4	13.6	10.1	13.03	57.3	71000	~.10	1.040	26.54
5	17	10.5	13.04	57.6	71000	~.10	1.040	28.40
6	20.4	10.6	13.22	57.7	71000	~.10	1.026	29.52 29.52
7	23.4	10.6	13.25	55.9	71000	~.10	1.024	29.75
8	27.2	10.6	13.24	55.9	360	~.10	1.026	29.60
9	30.6	10.4	13.25	56.0	216	~.15	1.026	30.50
10	34.0	10.5	13.26	55.4	194	~.15	1.024	30.54

Development Water Characteristics:

Total volume of Development water removed: 34 gal

Development Water Disposal Method: _____

Physical appearance at start

Color: clear - cloudy

Odor: None

Sheen/Free Product: None

Physical appearance at end

Color: Cloudy

Odor: None

Sheen/Free Product: None

NOTES:

Geologist Signature: _____



Honeywell Site :

Date 2/17/11 Field Personnel EBR/JMN/WEB(PW) Weather Sunny 35°
 Site Name SB 915 Contractor OBG/PW Project No. 1163/46698
 Site Location Camillus Evacuation Method Bailer

Well Information:

Depth to Bottom (Initial) * 88.33 ft. Date(s) Installed _____ Date(s) Developed 2/17/11
 Depth to Bottom (Final)* 85.25 ft. Well condition _____ Development Time Start: 1030
 Depth to Water (Initial)* 90.40 ft. Well Diameter 2 in. Stop: _____
 Depth to Water (Final)* 76.50 ft. Casing Volume _____ gal.
 Length of Water Column (LWC) 8.69 ft. Air Monitoring _____ Development Method Bailer
 1 Well Volume (0.163xLWC) 1.42 gall. Pump setting* _____ * Measuring point _____
 (intake)

Well Volumes	Volume of Water Removed (Gallons)	Temperature °C	pH s.u	Conductivity mS/cm or µS/cm	Turbidity (NTU)	Approximate Flow Rate (gal/min)	Hydrometer	Depth to Water (ft.)
Start	0	10.7	12.70	39.8	>1100		1.028	76.50
1	1.4	10.6	12.36	33.6	>1100			79.15
2	2.8	10.3	12.55	25.8	>1100			77.35
3	5.0*	10.0	11.96	18.4	>1100			77.03
4	7.0	9.6	12.24	17.6	>1100			76.98
5	9.0	10.0	11.86	14.5	>1100			76.95
6	11.0	10.0	12.25	14.8	>1100			76.93
7	13.0	10.2	11.79	12.5	>1100			76.93
8	15.0	10.1	11.89	11.2	>1100			76.91
9	17.0	10.3	12.21	12.4	71000			76.90
10	19.0	10.3	11.97	9.54	71000		1.015	76.90

Development Water Characteristics:

Total volume of Development water removed: 19.0 gal

Development Water Disposal Method: _____

Physical appearance at start

Color Brown

Odor None

Sheen/Free Product None

Physical appearance at end

Color Brown

Odor None

Sheen/Free Product None

NOTES:

* Re-calculated Depth to Bottom.

Geologist Signature: _____

Honeywell Site :

Page 1 of 2

Date 3/16/11 Field Personnel TR/IR Weather ~40°F Rain
 Site Name SRAS Contractor ORC Project No. 46698.001.100
 Site Location Camillus Evacuation Method Watera Pump

Well information:

Depth to Bottom (Initial)* 195.8 ft. Date(s) Installed _____ Date(s) Developed _____
 Depth to Bottom (Final)* 210.1 ft. Well condition _____ Development Time Start: 0940
 Depth to Water (Initial)* 74.44 ft. Well Diameter 2 in. Stop: _____
 Depth to Water (Final)* _____ ft. Casing Volume _____ gal.
 Length of Water Column (LWC) 120.86 ft. Air Monitoring _____ Development Method Watera
 1 Well Volume (0.163xLWC) 19.7 gall. Pump setting* _____ * Measuring point PVC
 (intake)

Well Volumes	Volume of Water Removed (Gallons)	Temperature °C	pH s.u	Conductivity mS/cm or µS/cm	Turbidity (NTU)	Approximate Flow Rate (gal/min)	Hydrometer	Depth to Water (ft.)
Start	~2	11.44	5.52	70.0	>1100	0.3	1.030	85.95
1	20	10.65	7.04	65.9	400	0.23	1.030	177.30
X	23	—	—	—	—	—	—	192.75
3								
4								
5								
6								
7								
8								
9								
10								

Development Water Characteristics:

Total volume of Development water removed: 90 gallons
 Development Water Disposal Method: _____
 Physical appearance at start: Color Clear Odor None Sheen/Free Product None
 Physical appearance at end: Color _____ Odor _____ Sheen/Free Product _____

NOTES: ~67 gallons removed 3/3/11 - 3/9/11 using a grinder pump. Re-developing using a watera pump
3/16/11 1145 well went dry. Final DWS: 192.75', total water removed 23.8 gallons
Total water removed 3/3/11 - 3/16/11 90 gallons ~4.5 well volumes

Geologist Signature: [Signature]

23.8
192.75 ft



Honeywell Site :

Page 2 of 2

Date 2/3/11

Field Personnel JMW/JB/WJH

Weather Sunny Texas

Site Name SB915

Contractor OBC

Project No. 1163/46698

Site Location Camillus

Evacuation Method Groundfos

Well information:

Depth to Bottom (Initial)* 195.8 ft. Date(s) Installed Date(s) Developed 2/3/11
Depth to Bottom (Final)* ft. Well condition
Depth to Water (Initial)* 73.33 ft. Well Diameter 2 in. Development Time Start: 0900
Depth to Water (Final)* ft. Casing Volume gal. Stop:
Length of Water Column (LWC) 122.47 ft. Air Monitoring Development Method Groundfos
1 Well Volume (0.163xLWC) 19.96 gall. Pump setting* (intake) * Measuring point PUC

Table with 9 columns: Well Volumes, Volume of Water Removed (Gallons), Temperature °C, pH s.u, Conductivity (µS/cm or mS/cm), Turbidity (NTU), Approximate Flow Rate (gal/min), Hydrometer, Depth to Water (ft.). Rows include Start, 1, 2, 3, 3/16/11 @ 0945, 5, 6, 7, 8, 9, 10.

Development Water Characteristics:

Total volume of Development water removed:

Development Water Disposal Method:

Physical appearance at start

Physical appearance at end

Color Brown

Color

Odor None

Odor

Sheen/Free Product None

Sheen/Free Product

NOTES:

191.4 @ 1030
166.9 @ 1350 @ 0.020 gal/min
-Remand 14 gal on 3/8/14 recovery down to .01 gal/min
-Remand 13 gal on 2/8 Total of 55 gallons purged
-3/9/11 - 1408 ATW 85.61' by 5 - Total of 12 gal removed for a grand total of 67 gallons
3/16/11 - ATW 74.44 ATW - 195.8
Geologist Signature: [Signature]
0940 Starting to pump w/ water. Water is clear, turn brown momentary 2 hrs to slightly cloudy .01 gal/min



Honeywell Site :

Date 2/21/11 Field Personnel EBR/JMN/WEB Weather Snow 15°
 Site Name SB 915 Contractor OBG/PW Project No. 1163/46698
 Site Location Camillus Evacuation Method Watering

Well information:

Depth to Bottom (Initial)* 105.33 ft. Date(s) Installed _____ Date(s) Developed 2/21/11
 Depth to Bottom (Final)* _____ ft. Well condition _____ Development Time Start: 0945
 Depth to Water (Initial)* 75.51 ft. Well Diameter 2 in. Stop: _____
 Depth to Water (Final)* _____ ft. Casing Volume _____ gal.
 Length of Water Column (LWC) 29.82 ft. Air Monitoring _____ Development Method Watering
 1 Well Volume (0.163xLWC) 4.86 gall. Pump setting* _____ * Measuring point _____
 (intake)

Well Volumes	Volume of Water Removed (Gallons)	Temperature °C	pH s.u.	Conductivity (ms/cm or µS/cm)	Turbidity (NTU)	Approximate Flow Rate (gal/min)	Hydrometer	Depth to Water (ft.)
Start	0	6.4	9.12	13.6	>1000	0.5	1.019	75.40
10.20	5	6.7	8.95	13.5	>1000	0.5	—	75.50
2	10	6.9	8.56	12.4	>1000	0.5	—	75.50
3	15	6.8	8.28	12.6	>1000	0.5	—	75.49
4	20	7.2	8.15	12.1	71000	0.5	—	75.50
5	25	6.8	8.09	12.2	71000	0.5	—	75.50
6	30	6.7	8.05	12.2	71000	0.5	—	75.50
7	35	6.9	7.96	11.8	71000	0.50	—	75.50
8	40	7.0	7.92	11.7	71000	0.50	—	75.50
9	45	7.1	7.87	11.6	71000	0.50	—	75.50
10	50	6.4	7.84	11.7	1047	0.50	—	75.50

Development Water Characteristics:

Total volume of Development water removed: 50 gal
 Development Water Disposal Method: _____
 Physical appearance at start: _____ Physical appearance at end: Cloudy
 Color Brown/cloudy Color _____
 Odor None Odor _____
 Sheen/Free Product None Sheen/Free Product _____

NOTES:

Geologist Signature: _____



Honeywell Site :

Date 2/21/11 Field Personnel EBR/JMN/WEB Weather Snow 15°
 Site Name SB 915 Contractor OBG/PW Project No. 1163/416698
 Site Location Camillus Evacuation Method Waterrec

Well Information:

Depth to Bottom (Initial)* 78.98 ft. Date(s) Installed _____ Date(s) Developed 2/21/11 - 2/24/11
 Depth to Bottom (Final)* 81.01 ft. Well condition _____ Development Time Start: 1000
 Depth to Water (Initial)* 67.25 ft. Well Diameter 2 in. Stop: 1200
 Depth to Water (Final)* 79.32 ft. Casing Volume _____ gal.
 Length of Water Column (LWC) 11.73 ft. Air Monitoring _____ Development Method Waterrec/Boiler
 1 Well Volume (0.163xLWC) 1.91 gall. Pump setting* _____ * Measuring point PVC
 (intake)

Well Volumes	Volume of Water Removed (Gallons)	Temperature °C	pH s.u	Conductivity mS/cm or µS/cm	Turbidity (NTU)	Approximate Flow Rate (gal/min)	Hydrometer	Depth to Water (ft.)
Start	0	10 5.4	10.83	77.1	>1100	-	1.030	76.60
1	1.9	7.6	10.13	45.8	>1100	-	-	76.82
2	3.8	9.0	12.46	79.6	>1100	-	-	78.05
3	5.7	9.2	10.89	63.4	>1100	-	-	78.86
4	7.6	8.3	12.56	48.2	>1100	-	-	79.71
¹⁵⁵⁰ 5	9.5	8.0	12.52	48.5	>1100	-	-	79.51
6	10.4	8.2	10.88	83.0	>1100	-	-	78.83
¹⁰⁴⁰ 7	13.3	8.6	11.04	59.3	>1100	-	-	79.42
¹⁴⁰⁰ 8	15.2	9.5	10.91	48.6	>1100	-	-	79.54
9	17.1	6.9	10.57	77.7	>1100	-	-	78.23
¹¹²⁰ 10	19.0	7.9	10.91	63.3	>1100	-	1.031	79.32

Development Water Characteristics:

Total volume of Development water removed: 19 gal

Development Water Disposal Method: _____

Physical appearance at start

Color Brown
Odor None

Physical appearance at end

Color Brown
Odor None

Sheen/Free Product None

Sheen/Free Product None

NOTES:

Mud plugged line. Turned tubing around. Pumped a gallon or two of mud then stopped.

1405 Began bailing: 2/22/11 @ 905 Recovery 73.48.

Geologist Signature: _____



Honeywell Site :

Date 2/21/11 Field Personnel EBR/JMN/WEB Weather Snow 15°
 Site Name SB 915 Contractor OBG/PW Project No. 1163/46698
 Site Location Camillus Evacuation Method Watertra

Well information:

Depth to Bottom (Initial) * 49.86 ft. Date(s) Installed _____ Date(s) Developed 2/21/11
 Depth to Bottom (Final)* 50.39 ft. Well condition _____ Development Time Start: 1050
 Depth to Water (Initial)* 26.60 ft. Well Diameter 2 in. Stop: 1520
 Depth to Water (Final)* 47.41 ft. Casing Volume _____ gal.
 Length of Water Column (LWC) 23.26 ft. Air Monitoring _____ Development Method Watertra
 1 Well Volume (0.163xLWC) 3.79 gall. Pump setting* _____ * Measuring point PVC
 (intake)

Well Volumes	Volume of Water Removed (Gallons)	Temperature °C	pH s.u.	Conductivity mS/cm or µS/cm	Turbidity (NTU)	Approximate Flow Rate (gal/min)	Hydrometer	Depth to Water (ft.)
Start	0	2.7	13.44	42.5	>1100		1.024	33.05
1	3.8	5.7	13.45	47.2	>1100			37.31
2	7.6	1.6	13.59	47.2	>1100			39.84
3	11.4	5.1	13.47	53.9	>1100			41.45
4	15.2	3.8	13.51	53.4	>1100			43.09
5	19.0	3.7	13.51	57.0	>1100			43.80
6	22.8	1.7	13.59	59.1	>1100			44.22
7	26.6	1.2	13.65	67.7	781			44.25
8	30.4	1.4	13.54	63.3	608			44.13
9	34.2	4.5	13.46	57.8	>1100		1.025	45.28
10	38.0	4.4	13.50	55.6	>1100			47.41

Development Water Characteristics:

Total volume of Development water removed: 40

Development Water Disposal Method: _____

Physical appearance at start

Color Brown

Odor None

Sheen/Free Product None

Physical appearance at end

Color Cloudy

Odor None

Sheen/Free Product None

NOTES:

Geologist Signature: _____



Honeywell Site : SB915

Date 2/16/11 Field Personnel JMN/ER/WB(R) Weather Cloudy 40°
 Site Name SB915 Contractor OBG/PW Project No. 1163/41198
 Site Location Comillus Evacuation Method Water

Well Information:

Depth to Bottom (Initial)* 110.41 ft. Date(s) Installed _____ Date(s) Developed _____
 Depth to Bottom (Final)* 110.42 ft. Well condition _____ Development Time Start: 1425
 Depth to Water (Initial)* 29.22 ft. Well Diameter 2 in. Stop: 1625
 Depth to Water (Final)* 29.50 ft. Casing Volume _____ gal.
 Length of Water Column (LWC) 81.19 ft. Air Monitoring _____ Development Method _____
 1 Well Volume (0.163xLWC) 13.23 gall. Pump setting* _____ * Measuring point _____
7.5 min

Well Volumes	Volume of Water Removed (Gallons)	Temperature °C	pH s.u	Conductivity mS/cm or µS/cm	Turbidity (NTU)	Approximate Flow Rate (gal/min)	Hydrometer	Depth to Water (ft.)
Start	0	7.6	9.09	93.6	15.7	1.0	1.040	29.22
1439 1	13	8.5	7.94	100.0	18.4	1.25	1.050	29.51
1456 2	26	8.9	8.02	100.0	1.89	1.25	1.049	29.55
1511 3	39	8.8	8.04	100.0	0	1.5	1.049	29.50
1522 4	52	8.9	7.01	100.0	0	1.5	1.049	29.49
1530 5	65	8.8	7.90	100.0	273	1.75	1.052	29.50
1546 6	79	8.6	7.37	100.0	67.5	1.75	1.050	29.50
1556 7	91	8.8	6.80	100.0	115	1.75	1.050	29.50
1606 8	105	8.9	6.70	100.0	35.8	1.75	1.050	29.50
1615 9	117	8.9	6.62	100.0	19.2	1.75	1.050	29.50
1624 10	130	8.9	6.59	100.0	19.0	1.75	1.050	29.50

Development Water Characteristics:

Total volume of Development water removed: 130 gal

Development Water Disposal Method: _____

Physical appearance at start:

Color Grey
 Odor Strong Sulfur
 Sheen/Free Product NONE

Physical appearance at end:

Color Clear
 Odor NONE
 Sheen/Free Product NONE

NOTES:

Installed new tube between Well volume 4 and 5

Geologist Signature: _____



Honeywell Site :

Date 2/16/11 Field Personnel EBR/JMN/WEB(PW) Weather Overcast 35°
 Site Name SB915 Contractor OBG/PW Project No. 1163/46698
 Site Location Camillus Evacuation Method Watertra

Well information:

Depth to Bottom (Initial)* 45.35 ft. Date(s) Installed _____ Date(s) Developed 2/16/11
 Depth to Bottom (Final)* 45.32 ft. Well condition _____ Development Time Start: 1425
 Depth to Water (Initial)* 27.66 ft. Well Diameter 2 in. Stop: 1540
 Depth to Water (Final)* 27.69 ft. Casing Volume _____ gal.
 Length of Water Column (LWC) 17.69 ft. Air Monitoring _____ Development Method Watertra
 1 Well Volume (0.163xLWC) 2.88 gall. Pump setting* _____ * Measuring point PVC
 (intake)

Well Volumes	Volume of Water Removed (Gallons)	Temperature °C	pH s.u	Conductivity mS/cm or µS/cm	Turbidity (NTU)	Approximate Flow Rate (gal/min)	Hydrometer	Depth to Water (ft.)
Start	0	5.0 7.4	8.2 8.2	1.20 1.20	25.4		1.002	27.70
1	2.9	7.2	8.10	1.12	1.26	≈.5		27.69
2	5.8	7.5	8.00	1.11				27.69
3	8.7	7.6	7.95	1.11	2.20			27.66
4	11.6	7.4	7.90	1.10	1.18			27.69
5	14.5	7.5	7.88	1.11	7.18			27.69
6	17.4	7.5	7.85	1.11	0			27.69
7	20.3	7.5	7.82	1.11	5.87			27.68
8	23.2	7.7	7.82	1.10	5.08			27.69
9	26.1	7.5	7.83	.977	4.83			27.69
10	29.0	7.4	7.84	1.11	0.27		1.002	27.69

Development Water Characteristics:

Total volume of Development water removed: 40

Development Water Disposal Method: _____

Physical appearance at start

Color Clear

Odor None

Sheen/Free Product None

Physical appearance at end

Color Clear

Odor None

Sheen/Free Product None

NOTES:

Black for first minute then cleared.

Geologist Signature: _____



Honeywell Site :

Date: 2/15/11, Field Personnel: RT/SN/ER, Weather: Cold Teens Sunny, Site Name: SB915, Contractor: OBG/PW, Project No.: 1163/46678, Site Location: Camillus, Evacuation Method: Water/A

Well information:

Depth to Bottom (Initial)*: 101.82 ft., Date(s) Installed: , Date(s) Developed: , Depth to Bottom (Final)*: 102.05 ft., Well condition: , Development Time: Start: 1000, Depth to Water (Initial)*: 24.76 ft., Well Diameter: 2 in., Stop: , Depth to Water (Final)*: 24.74 ft., Casing Volume: gal., Length of Water Column (LWC): 77.06 ft., Air Monitoring: , Development Method: Water/A, 1 Well Volume (0.163xLWC): 12.56 gall. Pump setting* (intake): , * Measuring point: PVC

Table with 9 columns: Well Volumes, Volume of Water Removed (Gallons), Temperature (°C), pH s.u., Conductivity (mS/cm or µS/cm), Turbidity (NTU), Approximate Flow Rate (gal/min), Hydrometer, Depth to Water (ft.). Rows include Start and 1-10.

lunch

Development Water Characteristics:

Total volume of Development water removed: 126 gal, Development Water Disposal Method:

Physical appearance at start: Color: Clear, Odor: None, Sheen/Free Product: None; Physical appearance at end: Color: Clear, Odor: ~~None~~ Chemical like odor, Sheen/Free Product: None

NOTES: Redevelopment of location, Geologist Signature:



Honeywell Site :

Date: 2/15/11 Field Personnel: JMN/EBR/WEB(PW) Weather: Sunny 18°
 Site Name: SB 915 Contractor: OBG/PW Project No.: 1103/40698
 Site Location: Camillus Evacuation Method: Waterria

Well information:

Depth to Bottom (Initial)* 41.24 ft. Date(s) Installed _____ Date(s) Developed 2/15/11
 Depth to Bottom (Final)* 41.34 ft. Well condition _____ Development Time Start: 1425
 Depth to Water (Initial)* 25.45 ft. Well Diameter 2 in. Stop: 1500
 Depth to Water (Final)* _____ ft. Casing Volume _____ gal.
 Length of Water Column (LWC) 15.79 ft. Air Monitoring _____ Development Method Waterria
 1 Well Volume (0.163xLWC) 2.57 gall. Pump setting* _____ * Measuring point PVC
 (intake)

Well Volumes	Volume of Water Removed (Gallons)	Temperature °C	pH s.u.	Conductivity mS/cm or µS/cm	Turbidity (NTU)	Approximate Flow Rate (gal/min)	Hydrometer	Depth to Water (ft.)
Start	0	5.2	8.04	8.17	0		1.006	25.85
1	2.6	7.2	7.84	7.82	0			25.45
2	5.2	5.2	7.85	8.29	0			25.48
3	7.8	6.3	7.77	7.89	0			25.44
4	10.4	8.9	7.69	7.75	0			25.47
5	13.0	8.1	7.69	7.84	0			25.45
6	15.6	8.7	7.69	8.77	0			25.49
7	18.2	8.2	7.69	7.81	0			25.48
8	20.8	8.0	7.68	7.80	0			25.48
9	23.4	7.3	7.71	7.79	0			25.47
10	26.0	6.9	7.76	7.85	0	1 gal/min	1.006	25.49

Development Water Characteristics:

Total volume of Development water removed: 26
 Development Water Disposal Method: _____
 Physical appearance at start
 Color: Clear
 Odor: Yes
 Sheen/Free Product: None
 Physical appearance at end
 Color: Clear
 Odor: Yes
 Sheen/Free Product: None

NOTES:

Geologist Signature: _____

WELL DEVELOPMENT LOG

Well ID: SR015-MW-1035

Honeywell Site :

Date 8/3/11 Field Personnel J. Bow T. Reese Weather ~80°F Cloudy/Rain
 Site Name SR015 Contractor O&G Project No. 46698.001.100
 Site Location Camillus, NY Evacuation Method Watertra

Well information:

Depth to Bottom (Initial)* 69.70 ^{After Sediment} 79.10 ft. Date(s) Installed _____
 Depth to Bottom (Final)* 80.81 ft. Well condition Partially silted Development Time Start: 1000
 Depth to Water (Initial)* 46.89/69.20 ft. Well Diameter 2 in. Stop: 1415
 Depth to Water (Final)* 69.23 ft. Casing Volume _____ gal.
 Length of Water Column (LWC) 22.81/9.9 ft. Air Monitoring None Development Method Watertra
 1 Well Volume (0.163xLWC) 3.7/1.63 gall. Pump setting* ~74-80 * Measuring point Top of PVC
 (intake)

Well Volumes	Volume of Water Removed (Gallons)	Temperature °C	pH s.u	Conductivity mS/cm or µS/cm	Turbidity (NTU)	Approximate Flow Rate (gal/min)	Hydrometer	Depth to Water (ft.)
Start	0	18.09	12.76	14.7	71000	—	1.010	46.87
1	14	15.43 22.46	8.53	2.76	>1000	0.8	1.000	69.4
2	18	14.49	8.36	2.69	>1000	0.8	1.002	69.4
3	19.6	13.21	8.51	2.68	>1000	0.8	1.002	69.48
4	21.2	12.74	8.99	2.61	>1000	0.8	1.002	69.48
5	22.8	12.75	8.86	2.68	>1000	0.8	1.002	69.48
6	24.4	12.58	8.70	2.69	>1000	0.8	1.002	69.48
7	26.0	12.28	8.61	2.71	>1000	0.8	1.002	69.48
8	27.6	12.31	8.31	2.75	1000	0.8	1.002	69.48
9	29.2	11.94	8.23	2.77	500	0.8	1.002	69.48
10	30.86	11.93	8.21	2.76	600	0.8	1.002	69.48
	32.49	12.00	8.20	2.76	500	0.8	1.002	69.48

Development Water Characteristics:

Total volume of Development water removed: ~35 gallons
 Development Water Disposal Method: Roll-off container

Physical appearance at start

Color Brown / very turbid
 Odor None

Sheen/Free Product No

Physical appearance at end

Color V. light brown
 Odor None

Sheen/Free Product No

NOTES:

Well went dry after well volume (3.8 gal) Most of screen silted in, used tubing & check valve to remove sediment. New DTA 76.40, DTW 74.15
Used bailer to remove ~4 gallons of sediment & water
Used Watertra Pump for remainder of development

Geologist Signature: _____

WELL DEVELOPMENT LOG

 Well ID: SB915-MW-931
Honeywell Site :

Date	<u>8/3/2011</u>	Field Personnel	<u>J. Bone / T. Pease</u>	Weather	<u>~80°F Cloudy/rain</u>
Site Name	<u>SB915</u>	Contractor	<u>ORG</u>	Project No.	<u>46698.001.100</u>
Site Location	<u>Camillus, NY</u>	Evacuation Method	<u>Waterra Pump</u>		

Well information:

Depth to Bottom (Initial)*	<u>47.69</u> ft.	Date(s) Installed		Date(s) Developed	<u>8/3/11</u>
Depth to Bottom (Final)*	<u>51.70</u> ft.	Well condition	<u>New/Good</u>	Development Time	Start: <u>1109</u>
Depth to Water (Initial)*	<u>23.84</u> ft.	Well Diameter	<u>2</u> in.	Stop:	<u>1225</u>
Depth to Water (Final)*	<u>23.90</u> ft.	Casing Volume	<u>3.8</u> gal.	Development Method	<u>Waterra Pump</u>
Length of Water Column (LWC)	<u>23.85</u> ft.	Air Monitoring	<u>No</u>	* Measuring point	<u>Top PVC</u>
1 Well Volume (0.163xLWC)	<u>3.8</u> gall.	Pump setting* (intake)	<u>45-51.70'</u>		

Well Volumes	Volume of Water Removed (Gallons)	Temperature °C	pH s.u	Conductivity mS/cm or µS/cm	Turbidity (NTU)	Approximate Flow Rate (gal/min)	Hydrometer	Depth to Water (ft.)
Start	12	16.71	8.05	7.59	>1000	0.8	1.012	25.65
1	15.8	14.32	7.84	7.96	>1000	0.8	1.010	25.45
2	19.6	13.97	7.81	4.89	>1000	0.8	1.020	24.95
3	23.4	13.22	7.56	8.25	>1000	0.8	1.008	25.14
4	27.2	12.83	7.43	8.41	>1000	0.8	1.008	24.92
5	31.0	12.86	7.34	8.19	>1000	0.8	1.006	24.84
6	34.8	12.84	7.25	8.58	>1000	0.8	1.006	24.84
7	38.6	12.59	7.25	8.58	>1000	0.8	1.006	24.85
8	42.4	12.74	7.21	8.57	>1000	0.8	1.006	24.85
9	46.2	13.05	7.11	8.64	>1000	0.8	1.006	24.85
10								

Development Water Characteristics:

Total volume of Development water removed: ~48 gallons

Development Water Disposal Method: Roll off container

Physical appearance at start

Color	<u>Brown, very turbid</u>
Odor	<u>None</u>
Sheen/Free Product	<u>No</u>

Physical appearance at end

Color	<u>V. light brown</u>
Odor	<u>None</u>
Sheen/Free Product	<u>No</u>

NOTES:

Very turbid to start, ~4.0' of sediment in bottom of well
Remained ~12 gallons of water/sediment before recording readings

 Geologist Signature: [Signature]

WELL DEVELOPMENT LOG

 Well ID: SB 915 - MW 93BR
Honeywell Site :

Date 8/9/11 Field Personnel EBR/TP Weather Overcast/Rain 75°
 Site Name _____ Contractor OBG Project No. 46698
 Site Location Camillus, NY Evacuation Method Watertra

Well Information:

Depth to Bottom (Initial)* 154.97 ft. Date(s) Installed _____ Date(s) Developed 8/9/11
 Depth to Bottom (Final)* _____ ft. Well condition Good Development Time Start: _____
 Depth to Water (Initial)* 18.70 ft. Well Diameter 2" in. Stop: _____
 Depth to Water (Final)* _____ ft. Casing Volume _____ gal.
 Length of Water Column (LWC) 136.3 ft. Air Monitoring _____ Development Method Watertra
 1 Well Volume (0.163xLWC) 22.2 gall. Pump setting* _____ * Measuring point PVC
 (intake)

Well Volumes	Volume of Water Removed (Gallons)	Temperature °C	pH s.u	Conductivity mS/cm or µS/cm	Turbidity (NTU)	Approximate Flow Rate (gal/min)	Hydrometer	Depth to Water (ft.)
Start	0	15.78	7.21	22.80	230	2720	1.034	18.70
1	22.2	16.42	6.96	33.4	1100	1200	1.018	137.65
2	44.4	21.04	7.17	>100	550	1600	1.070	101.20
3	66.6	19.55	6.94	>100	2100	700	1.060	129.95
4	88.8	17.34	7.02	>140 ^{5/m}	100	1100	1.072	123.62
5	111.0	19.33	6.77	>10.0 ^{5/m}	55	1100	1.076	145.35
6	133.2							
7	155.4							
8	177.6							
9	199.8							
10	222							

Development Water Characteristics:

 Total volume of Development water removed: 111.0 gallons

 Development Water Disposal Method: Roll-off container

Physical appearance at start

Color _____

Odor _____

Sheen/Free Product _____

Physical appearance at end

Color _____

Odor _____

Sheen/Free Product _____

 NOTES: 8/10: 8:20 26.70' / 70.60' @ 9:05 / #4 8/12: 9:00 28.40' @ 10 start
1445 46.50'

Geologist Signature: _____

345-5892

Honeywell Site :

Date: 7/18/11 Field Personnel: TP/RT Weather: 80'S Sunny
 Site Name: SCA Contractor: OBB Project No.: 1163/46698
 Site Location: Camillus, NY Evacuation Method: water pump

Well information:

Depth to Bottom (Initial)* 36.55 ft. Date(s) Installed: _____ Date(s) Developed: 7/18/11
 Depth to Bottom (Final)* _____ ft. Well condition: good Development Time: Start: 7:00
 Depth to Water (Initial)* 29.58 ft. Well Diameter: 2" in. Stop: 1600
 Depth to Water (Final)* 29.58 ft. Casing Volume: _____ gal.
 Length of Water Column (LWC) 6.97 ft. Air Monitoring: NO Development Method: water
 1 Well Volume (0.163xLWC) 1.136 gal. Pump setting* _____ * Measuring point: PVC
 (intake)

Well Volumes	Volume of Water Removed (Gallons)	Temperature °C	pH s.u	Conductivity mS/cm or µS/cm	Turbidity (NTU)	Approximate Flow Rate (gal/min)	Hydrometer	Depth to Water (ft.)
Start	0	18.44	11.94	3.34	1100	440	1.020	29.58
1	1.136	16.24	12.35	3.89	1100	1100	1.010	29.58
2	2.272	19.31	11.88	.444	1100	1100	1.006	29.58
3	3.408	20.61	12.08	2.60	1100	1100	1.004	29.58
4	4.544	14.80	12.21	2.98	1100	1100	1.004	29.58
5	5.68	14.17	12.36	2.51	1100	1100	1.004	29.58
6	6.816	15.95	12.26	2.09	1100	1020	1.002	29.58
7	7.952	14.19	12.22	2.03	1100	1020	1.002	29.58
8	9.088	18.92	12.13	1.93				29.58
9	10.224	18.99	12.08	1.83	850	1020	1.000	29.58
10	11.36	14.60	12.13	1.87	1100	800	1.002	29.58

Development Water Characteristics:

Total volume of Development water removed: 30 gal
 Development Water Disposal Method: _____
 Physical appearance at start Physical appearance at end
 Color _____ Color _____
 Odor _____ Odor _____
 Sheen/Free Product _____ Sheen/Free Product _____

NOTES:

Geologist Signature: _____

Honeywell Site :

Date: 7/18/11 Field Personnel: TP/RT Weather: 70's Rain
 Site Name: SCA Contractor: OBG Project No.: 1163/46698
 Site Location: Canillus NY Evacuation Method: Water pump

Well information:

Depth to Bottom (Initial)* 30.55 ft. Date(s) Installed: _____ Date(s) Developed: 7/18/11
 Depth to Bottom (Final)* _____ ft. Well condition: good Development Time Start: 11:15
 Depth to Water (Initial)* 23.10 ft. Well Diameter: 2" in. Stop: _____
 Depth to Water (Final)* _____ ft. Casing Volume: _____ gal.
 Length of Water Column (LWC) 7.45 ft. Air Monitoring: NO Development Method: Boiler water
 1 Well Volume (0.163xLWC) 1.206 gall. Pump setting* _____ * Measuring point: PVC
 (intake)

Well Volumes	Volume of Water Removed (Gallons)	Temperature °C	pH s.u	Conductivity mS/cm or µS/cm	Turbidity (NTU)	Approximate Flow Rate (gal/min)	Hydrometer	Depth to Water (ft.)
Start	0							
1	1.206							
2	2.412							
3	3.618							
4	4.824							
5	6.030							
6	7.236							
7	8.442							
8	9.648							
9	10.854							
10	12.060							

Development Water Characteristics:

Total volume of Development water removed: _____

Development Water Disposal Method: _____

Physical appearance at start _____ Physical appearance at end _____

Color: _____ Color: _____

Odor: _____ Odor: _____

Sheen/Free Product: _____ Sheen/Free Product: _____

NOTES:

Geologist Signature: _____

Honeywell Site :

Date 7/19/11
Site Name SCA
Site Location Camillus

Field Personnel RT/ER/TP
Contractor OBG
Evacuation Method Water

Weather 70's overcast
Project No. 1163/46698

Well information:

Depth to Bottom (Initial)* 37.95 ft. Date(s) Installed _____ Date(s) Developed 7/19/11
Depth to Bottom (Final)* 37.95 ft. Well condition Good Development Time Start: _____
Depth to Water (Initial)* 29.53 ft. Well Diameter 2" in. Stop: _____
Depth to Water (Final)* _____ ft. Casing Volume _____ gal.
Length of Water Column (LWC) 8.42 ft. Air Monitoring NO Development Method Water
1 Well Volume (0.163xLWC) 1.37 gall. Pump setting* _____ * Measuring point PVC

Well Volumes	Volume of Water Removed (Gallons)	Temperature °C	pH s.u	Conductivity mS/cm or µS/cm	Turbidity (NTU)	Approximate Flow Rate (gal/min)	Hydrometer	Depth to Water (ft.)
Start	0	18.16	11.65	4.10	450	200	1.001	29.54
1	1.37	17.64	11.44	4.55 4.30	950	1000	1.000	29.54
2	2.74	17.54	11.80	4.17	310	1000	1.000	29.54
3	4.11	17.40	11.81	4.20	190	900	1.000	29.54
4	5.48	17.25	11.79	4.18	240	800	1.000	29.54
5	6.85	17.37	11.62	4.17	250	800	1.000	29.54
6	8.22	17.42	11.68	4.13	250	800	1.000	29.54
7	9.59	17.41	11.50	4.13	230	800	1.000	29.54
8	10.96	18.65	11.46	4.09	250	700	1.000	29.54
9	12.33	19.35	11.54	4.06	230	720	1.000	29.54
10	13.70	18.93	11.47	4.07	190	720	1.000	29.54

Development Water Characteristics:

Total volume of Development water removed: _____

Development Water Disposal Method: _____

Physical appearance at start

Color Cloudy/Brown

Odor None

Sheen/Free Product None

Physical appearance at end

Color Cloudy

Odor None

Sheen/Free Product None

NOTES:

Geologist Signature: _____

Honeywell Site :

Date 7/19/11 Field Personnel ER/TP Weather Sunny 85°
 Site Name SCA Contractor OBG Project No. 1103/46098
 Site Location Camillus NY Evacuation Method Water

Well information:

Depth to Bottom (Initial)* 37.20 ft. Date(s) Installed _____ Date(s) Developed 7/19/11
 Depth to Bottom (Final)* 37.72 ft. Well condition _____ Development Time Start: _____
 Depth to Water (Initial)* 30.20 ft. Well Diameter _____ in. Stop: 1155
 Depth to Water (Final)* _____ ft. Casing Volume _____ gal.
 Length of Water Column (LWC) 7.0 ft. Air Monitoring _____ Development Method Water
 1 Well Volume (0.163xLWC) 1.14 gall. Pump setting* _____ * Measuring point PVC
 (intake)

Well Volumes	Volume of Water Removed (Gallons)	Temperature °C	pH s.u	Conductivity mS/cm or µS/cm	Turbidity (NTU)	Approximate Flow Rate (gal/min)	Hydrometer	Depth to Water (ft.)
Start	0	18.33	8.57	1.60	1000	1200	1.004	30.18
1	1.14	15.66	8.31	1.57	+1000	1200	1.002	30.18
2	2.28	15.70	8.01	1.58	+1000	1160	1.002	30.18
3	3.42	13.87	7.93	1.61	850	750	1.003	30.18
4	4.56	16.29	7.94	1.61	550	1200	1.000	30.18
5	5.70	14.58	7.90	1.61	370	1000	1.000	30.18
6	6.84	14.16	7.90	1.61	230	1000	1.000	30.18
7	7.98	13.67	7.79	1.62	140	1000	1.000	30.18
8	8.12	13.25	7.84	1.65	95	1050	1.000	30.18
9	10.26	14.44	7.72	1.63	75	1000	1.000	30.18
10	11.40	13.32	7.78	1.64	45	1000	1.000	30.18

Development Water Characteristics:

Total volume of Development water removed: 17 gals.
 Development Water Disposal Method: _____
 Physical appearance at start _____ Physical appearance at end _____
 Color Cloudy/Brown Color Clear
 Odor None Odor None
 Sheen/Free Product None Sheen/Free Product None

NOTES:

Removed 5 gals. before counting well volumes.

Geologist Signature: _____



Honeywell Site :

Date 7/19/11 Field Personnel ER/TP Weather Sunny 88°
 Site Name SCA Contractor OBG Project No. 1103/46698
 Site Location Comillus NY Evacuation Method Water

Well information:

Depth to Bottom (Initial) * 36.62 ft. Date(s) Installed _____ Date(s) Developed 7/19/11
 Depth to Bottom (Final)* 36.62 ft. Well condition Good Development Time Start: 1345
 Depth to Water (Initial)* 28.40 ft. Well Diameter 2" in. Stop: 1500
 Depth to Water (Final)* 28.40 ft. Casing Volume _____ gal.
 Length of Water Column (LWC) 8.22 ft. Air Monitoring NO Development Method Water
 1 Well Volume (0.163xLWC) 1.34 gall. Pump setting* _____ * Measuring point PVC
 (intake)

Well Volumes	Volume of Water Removed (Gallons)	Temperature °C	pH s.u	Conductivity <u>ms/cm</u> or <u>µS/cm</u>	Turbidity (NTU)	Approximate Flow Rate (gal/min)	Hydrometer	Depth to Water (ft.)
Start	0	20.29	7.66	2.29	>1000	1025	1.002	28.40
1	1.34	15.46	7.43	2.45	>1000	1000	1.002	28.40
2	2.68	15.85	7.36	2.42	>1000	1000	1.002	28.40
3	4.02	15.13	7.35	2.51	>1000	1000	1.002	28.40
4	5.36	15.79	7.44	2.55	800	1020	1.002	28.40
5	6.7	15.08	7.43	2.59	550	1020	1.004	28.40
6	8.04	15.17	7.38	5.56	400	1020	1.002	28.40
7	9.38	14.97	7.36	2.60	350	1000	1.002	28.40
8	10.72	15.10	7.36	2.62	310	1000	1.000	28.40
9	12.06	14.74	7.34	2.64	320	1000	1.002	28.40
10	13.4	15.30	7.32	2.62	240	1000	1.002	28.40

Development Water Characteristics:

Total volume of Development water removed: 19 gals.

Development Water Disposal Method: _____

Physical appearance at start

Color Brown

Odor None

Sheen/Free Product None

Physical appearance at end

Color Clear

Odor None

Sheen/Free Product None

NOTES:

Geologist Signature: _____

Honeywell Site :

Date: 7/19/11 Field Personnel: ER/JTP Weather: Sunny 88°
 Site Name: SCA Contractor: OBG Project No.: 1163/46098
 Site Location: Cornwall NY Evacuation Method: Water

Well information:

Depth to Bottom (Initial)* 35.86 ft. Date(s) Installed: _____ Date(s) Developed: 7/19/11
 Depth to Bottom (Final)* 36.21 ft. Well condition: Good Development Time: Start: 15:20
 Depth to Water (Initial)* 26.51 ft. Well Diameter: 2" in. Stop: 1645
 Depth to Water (Final)* _____ ft. Casing Volume: _____ gal.
 Length of Water Column (LWC) 9.35 ft. Air Monitoring: NO Development Method: Water
 1 Well Volume (0.163xLWC) 1.52 gall. Pump setting* _____ * Measuring point: PVC

Well Volumes	Volume of Water Removed (Gallons)	Temperature °C	pH s.u	Conductivity (µS/cm or µS/cm)	Turbidity (NTU)	Approximate Flow Rate (gal/min)	Hydrometer	Depth to Water (ft.)
Start	0	16.80	7.58	3.96	+1000	1240	1.008	26.51
1	1.52	14.41	7.37	3.58	+1200	1000	1.006	26.51
2	3.04	14.33	7.30	3.59	+1000	975	1.004	26.51
3	4.56	13.75	7.23	3.70	+1000	975	1.004	26.51
4	6.08	13.90	7.16	3.67	+1000	920	1.004	26.51
5	7.6	13.85	7.20	3.69	+1000	920	1.004	26.51
6	9.12	14.16	7.14	3.72	900	920	1.004	26.51
7	10.64	13.66	7.19	3.72	800	920	1.002	26.51
8	12.16	14.00	7.19	3.69	700	920	1.002	26.51
9	13.68	14.59	7.21	3.90	600	920	1.002	26.51
10	15.2	13.96	7.15	3.72	500	920	1.002	26.51

Development Water Characteristics:

Total volume of Development water removed: 20 gals.

Development Water Disposal Method: _____

Physical appearance at start

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

Physical appearance at end

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

NOTES:

Geologist Signature: _____

Honeywell Site :

Date 7/20/11 Field Personnel ER/TP Weather Sunny 85°
 Site Name SCA Contractor OBG Project No. 1163/46698
 Site Location Camillus NY Evacuation Method _____

Well information:

Depth to Bottom (Initial) * 33.76 ft. Date(s) Installed _____ Date(s) Developed _____
 Depth to Bottom (Final) * 33.75 ft. Well condition Good Development Time Start: _____
 Depth to Water (Initial) * 26.67 ft. Well Diameter 2" in. Stop: 11.20
 Depth to Water (Final) * _____ ft. Casing Volume _____ gal.
 Length of Water Column (LWC) 7.09 ft. Air Monitoring No Development Method Watters
 1 Well Volume (0.163xLWC) 1.15 gall. Pump setting* _____ * Measuring point PVC

Well Volumes	Volume of Water Removed (Gallons)	Temperature °C	pH s.u	Conductivity mS/cm or µS/cm	Turbidity (NTU)	Approximate Flow Rate (gal/min)	Hydrometer	Depth to Water (ft.)
Start	0	16.17	7.42	7.49	1100	860	1.008	26.65
1	1.15	15.51	7.46	7.78	1100	800	1.004	26.65
2	2.3	14.77	7.37	7.96	1100	700	1.004	26.65
3	3.45	14.85	7.33	8.01	1100	700	1.002	26.65
4	4.6	14.96	7.36	8.13	800	700	1.002	26.65
5	1.76	15.17	7.29	8.16	400	700	1.004	26.65
6	6.9	15.04	7.18	8.24	320	700	1.004	26.65
7	8.05	15.70	7.27	8.14	270	700	1.004	26.65
8	9.2	15.42	7.26	8.20	230	700	1.004	26.65
9	10.35	15.40	7.20	8.23	190	700	1.004	26.65
10	11.5	15.04	7.29	8.28	160	700	1.004	

Development Water Characteristics:

Total volume of Development water removed: 16 gals

Development Water Disposal Method: _____

Physical appearance at start

Color Brown

Odor None

Sheen/Free Product None

Physical appearance at end

Color Clear

Odor None

Sheen/Free Product None

NOTES:

Purged 5 gals. before counting well volumes.

Geologist Signature: _____



Honeywell Site :

Date 7/20/11 Field Personnel ER/JP Weather Sunny 90°
 Site Name SCA Contractor OBG Project No. 1163/416698
 Site Location Comickus, NY Evacuation Method Water

Well information:

Depth to Bottom (Initial)* 33.85 ft. Date(s) Installed _____ Date(s) Developed 7/20/11
 Depth to Bottom (Final)* 33.83 ft. Well condition Good Development Time Start: 1110
 Depth to Water (Initial)* 24.23 ft. Well Diameter 2" in. Stop: 1220
 Depth to Water (Final)* 24.22 ft. Casing Volume _____ gal.
 Length of Water Column (LWC) 9.62 ft. Air Monitoring No Development Method Water
 1 Well Volume (0.163xLWC) 1.56 gall. Pump setting* _____ * Measuring point PVC
 (intake)

Well Volumes	Volume of Water Removed (Gallons)	Temperature °C	pH s.u	Conductivity mS/cm or µS/cm	Turbidity (NTU)	Approximate Flow Rate (gal/min)	Hydrometer	Depth to Water (ft.)
Start	0	18.90	7.37	16.4	1100	1040	1.008	24.22
1	1.56	16.73	7.28	17.2	1100	1000	1.008	24.22
2	3.12	16.88	7.36	17.4	400	1000	1.006	24.22
3	4.68	18.87	7.34	17.6	600	800	1.006	24.22
4	6.24	17.87	7.29	17.5	450	800	1.006	24.22
5	7.80	17.58	7.30	17.6	360	800	1.006	24.22
6	9.36	17.23	7.34	18.0	320	800	1.006	24.22
7	10.92	17.20	7.37	18.0	270	800	1.006	24.22
8	12.48	16.72	7.36	17.9	220	800	1.006	24.22
9	14.04	16.94	7.33	17.9	190	900	1.006	24.22
10	15.60	16.64	7.34	18.0	210	900	1.006	24.22

Development Water Characteristics:

Total volume of Development water removed: 22 gals.

Development Water Disposal Method: _____

Physical appearance at start

Color Brown

Odor None Yes

Sheen/Free Product None

Physical appearance at end

Color Clear

Odor Yes

Sheen/Free Product None

NOTES:

Geologist Signature: _____



WELL DEVELOPMENT LOG

Well ID: SB 915
MW-1013

Honeywell Site :		
Date	Field Personnel	Weather
<u>7/20/11</u>	<u>ER/TP</u>	<u>Sunny 90°</u>
Site Name	Contractor	Project No.
<u>SCA</u>	<u>OBG</u>	<u>1163/46698</u>
Site Location	Evacuation Method	
<u>Comillas NY</u>	<u>Waterline</u>	

Well information:

Depth to Bottom (Initial)*	<u>23.87</u> ft.	Date(s) Installed		Date(s) Developed	<u>7/20/11</u>
Depth to Bottom (Final)*	<u>33.87</u> ft.	Well condition	<u>Good</u>	Development Time	Start:
Depth to Water (Initial)*	<u>24.72</u> ft.	Well Diameter	<u>2"</u> in.		Stop: <u>1530</u>
Depth to Water (Final)*		Casing Volume		Development Method	<u>Waterline</u>
Length of Water Column (LWC)	<u>9.15</u> ft.	Air Monitoring	<u>NO</u>	* Measuring point	<u>PVC</u>
1 Well Volume (0.163xLWC)	<u>1.49</u> gall.	Pump setting* (intake)			

Well Volumes	Volume of Water Removed (Gallons)	Temperature °C	pH s.u.	Conductivity mS/cm or µS/cm	Turbidity (NTU)	Approximate Flow Rate (gal/min)	Hydrometer	Depth to Water (ft.)
Start	0	18.74	7.48	14.8	1100	1000	1.010	24.72
1	1.49	17.23	7.43	14.7	1100	940	1.010	24.72
2	2.98	16.66	7.40	15.4	1100	1000	1.008	24.72
3	4.47	15.89	7.40	15.3	595	1000	1.008	24.72
4	5.96	16.02	7.38	15.3	361	1000	1.008	24.72
5	7.45	16.03	7.38	15.3	254	1000	1.008	24.72
6	8.94	16.16	7.36	15.2	187	1000	1.008	24.72
7	10.43	16.50	7.37	15.1	182	1000	1.008	24.72
8	11.92	16.25	7.38	14.4	139	1000	1.008	24.72
9	13.41	16.23	7.36	15.0	121	1000	1.008	24.72
10	14.9	20.14	7.37	13.7	121		1.008	

Development Water Characteristics:

Total volume of Development water removed: 20 gals.

Development Water Disposal Method: _____

Physical appearance at start

Color Brown
Odor Yes

Sheen/Free Product None

Physical appearance at end

Color Clear
Odor Yes

Sheen/Free Product None

NOTES:

Geologist Signature: _____

Honeywell Site :

Date 7/21/11 Field Personnel ER/TP Weather Sunny 90°
 Site Name SCA Contractor OBG Project No. 1163/46698
 Site Location Camillus, NY Evacuation Method Waterra

Well information:

Depth to Bottom (Initial)* 32.78 ft. Date(s) Installed _____ Date(s) Developed 7/21/11
 Depth to Bottom (Final)* 32.00 ft. Well condition Good Development Time Start: 0835
 Depth to Water (Initial)* 23.71 ft. Well Diameter 2" in. Stop: 1030
 Depth to Water (Final)* _____ ft. Casing Volume _____ gal.
 Length of Water Column (LWC) 9.07 ft. Air Monitoring No Development Method Waterra
 1 Well Volume (0.163xLWC) 1.47 gall. Pump setting* _____ * Measuring point PVC
 (intake)

Well Volumes	Volume of Water Removed (Gallons)	Temperature °C	pH s.u.	Conductivity μ S/cm or μ S/cm	Turbidity (NTU)	Approximate Flow Rate (gal/min)	Hydrometer	Depth to Water (ft.)
Start	0	16.93	7.22	8.19	<1000	1260	1.012	23.74
1	1.47	16.49	7.24	7.70	<1000	1320	1.010	23.74
2	2.94	14.88	7.15	7.84	<1000	1140	1.008	23.74
3	4.41	19.72	7.29	7.60	<1000	400	1.006	23.74
4	5.88	16.13	7.20	7.97	>1000	980	1.006	23.72
5	7.35	14.96	7.10	8.11	>1000	900	1.006	23.72
6	8.82	14.26	7.09	8.08	>1000	980	1.006	23.72
7	10.29	15.45	7.15	7.98	>1000	980	1.006	23.72
8	11.76	14.54	7.16	8.10	>1000	980	1.006	23.72
9	13.23	16.94	7.27	8.00	>1000	820	1.006	23.72
10	14.7	17.29	7.17	8.02	>1000	800	1.004	23.72

Development Water Characteristics:

 Total volume of Development water removed: 25 galls.

Development Water Disposal Method: _____

Physical appearance at start

 Color Brown

 Odor None

 Sheen/Free Product None
Physical appearance at end

 Color Cloudy

 Odor None

 Sheen/Free Product None
NOTES:

Purged 5 galls. before removing well volumes.

Geologist Signature: _____

Well ID: SBA15-MW-1025

WELL DEVELOPMENT LOG



Honeywell Site :

Date	<u>7/21/11</u>	Field Personnel	<u>ER/TP</u>	Weather	<u>Sunny 95°</u>
Site Name	<u>SCA</u>	Contractor	<u>OBG</u>	Project No.	<u>1163/46698</u>
Site Location	<u>Comitkus, NY</u>	Evacuation Method	<u>Waterwall</u>		

Well information:

Depth to Bottom (Initial)*	_____ ft.	Date(s) Installed	_____	Date(s) Developed	<u>7/21/11</u>
Depth to Bottom (Final)*	_____ ft.	Well condition	_____	Development Time	Start: _____
Depth to Water (Initial)*	_____ ft.	Well Diameter	_____ in.	Stop:	<u>1030</u>
Depth to Water (Final)*	_____ ft.	Casing Volume	_____ gal.	Development Method	<u>Waterwall</u>
Length of Water Column (LWC)	_____ ft.	Air Monitoring	_____	* Measuring point	<u>PVC</u>
1 Well Volume (0.163xLWC)	_____ gall.	Pump setting* (intake)	_____		

Well Volumes	Volume of Water Removed (Gallons)	Temperature °C	pH s.u	Conductivity <u>ms/cm</u> or <u>µS/cm</u>	Turbidity (NTU)	Approximate Flow Rate (gal/min)	Hydrometer	Depth to Water (ft.)
Start	—	—	—	—	—	—	—	—
1	<u>16.17</u>	<u>16.76</u>	<u>7.24</u>	<u>8.04</u>	<u>>1000</u>	<u>820</u>	<u>1.004</u>	<u>23.72</u>
2	<u>17.64</u>	<u>16.29</u>	<u>7.01</u>	<u>7.97</u>	<u>>1000</u>	<u>800</u>	<u>1.004</u>	<u>23.72</u>
3	<u>19.11</u>	<u>16.88</u>	<u>7.08</u>	<u>7.96</u>	<u>>1000</u>	<u>800</u>	<u>1.004</u>	<u>23.72</u>
4	<u>20.58</u>							
5	<u>22.05</u>							
6	<u>23.52</u>							
7								
8								
9								
10								

Development Water Characteristics:
 Total volume of Development water removed: 25 gals.
 Development Water Disposal Method: _____
 Physical appearance at start
 Color _____
 Odor _____
 Sheen/Free Product _____

Physical appearance at end
 Color _____
 Odor _____
 Sheen/Free Product _____

NOTES:

Geologist Signature: _____

Honeywell Site :

Date 7/21/11 Field Personnel ER/TP Weather Sunny 90°
 Site Name SCA Contractor OBG Project No. 1163/46698
 Site Location Camillus, NY Evacuation Method Watertra

Well information:

Depth to Bottom (Initial)* 33.08 ft. Date(s) Installed _____ Date(s) Developed 7/25/11
 Depth to Bottom (Final)* 33.15 ft. Well condition Good Development Time Start: _____
 Depth to Water (Initial)* 24.99 ft. Well Diameter 2" in. Stop: 1325
 Depth to Water (Final)* 24.99 ft. Casing Volume _____ gal. Development Method Watertra
 Length of Water Column (LWC) 9.09 ft. Air Monitoring No * Measuring point PVC
 1 Well Volume (0.163xLWC) 1.47 gall. Pump setting* _____ (intake)

Well Volumes	Volume of Water Removed (Gallons)	Temperature °C	pH s.u	Conductivity mS/cm or µS/cm	Turbidity (NTU)	Approximate Flow Rate (gal/min)	Hydrometer	Depth to Water (ft.)
Start	0	21.44	7.13	8.18	1095	1160	1.004	24.99
1	1.47	18.91	7.09	8.29	1083	900	1.004	24.99
2	2.94	22.83	6.89	7.91	1016	1060	1.004	24.99
3	4.41	23.51	6.85	7.43	699	1020	1.004	24.99
4	5.88	17.88	6.93	8.24	664	1020	1.004	24.99
5	7.35	17.03	6.80	8.41	510	1100	1.004	24.99
6	8.82	17.33	6.74	8.43	520	1080	1.004	24.99
7	10.29	16.52	6.74	8.60	357	1080	1.004	24.99
8	11.76	17.34	6.81	8.44	450	1080	1.004	24.99
9	13.23	17.43	6.90	8.44	464	1080	1.004	24.99
10	14.7							

Development Water Characteristics:

 Total volume of Development water removed: 25 gals

Development Water Disposal Method: _____

Physical appearance at start

 Color Brown

 Odor None

 Sheen/Free Product None

Physical appearance at end

 Color Clear to cloudy

 Odor None

 Sheen/Free Product None
NOTES:

Purged 10 gals before removing well volumes.
Generator stopped due to heat.

Geologist Signature: _____

WELL DEVELOPMENT LOG

Well ID: SB915-MW-930

Honeywell Site :

Date: 7/22/11 Field Personnel: ER/TP Weather: Sunny 88°
 Site Name: SCA Contractor: OBG Project No.: 1163/416698
 Site Location: Camillus, NY Evacuation Method: Watertra

Well information:

Depth to Bottom (Initial)* 53.44 ft. Date(s) Installed: _____ Date(s) Developed: 7/22/11
 Depth to Bottom (Final)* 64.85 ft. Well condition: Good Development Time: Start: _____ Stop: 1025
 Depth to Water (Initial)* 23.75 ft. Well Diameter: 2" in. Casing Volume: _____ gal.
 Depth to Water (Final)* 23.75 ft. Air Monitoring: No Development Method: Watertra
 Length of Water Column (LWC) 29.69 ft. Pump setting* _____ * Measuring point * Top of casing *
 1 Well Volume (0.163xLWC) 4.83 gall. (intake)

Well Volumes	Volume of Water Removed (Gallons)	Temperature °C	pH s.u	Conductivity <small>mS/cm or µS/cm</small>	Turbidity (NTU)	Approximate Flow Rate (gal/min)	Hydrometer	Depth to Water (ft.)
Start	0	28.07	8.81	5.53	>1000	3490	1.014	23.76
1	4.83	16.61	10.05	7.22	>1000	3490	1.010	23.76
2	9.66	15.96	9.55	7.02	>1000	3200	1.008	23.76
3	14.49	14.31	8.90	7.67	>1000	3400	1.008	23.76
4	19.32	13.30	8.35	8.16	>1000	2200	1.006	23.75
5	24.15	13.87	8.07	8.16	>1000	2000	1.006	23.75
6	28.98	13.76	7.99	8.26	>1000	2000	1.006	23.75
7	33.81	13.78	7.85	8.26	>1000	2000	1.006	23.75
8	38.61	13.85	7.88	8.36	>1000	2200	1.006	23.75
9	43.47	13.80	7.87	8.36	>1000	2400	1.006	23.75
10	48.30	13.53	7.80	8.37	926	2100	1.006	23.75

Development Water Characteristics:

Total volume of Development water removed: 55 gals.

Development Water Disposal Method: _____

Physical appearance at start
 Color: Brown
 Odor: None
 Sheen/Free Product: None

Physical appearance at end
 Color: Cloudy
 Odor: None
 Sheen/Free Product: None

NOTES: Purged 5 gals. before beginning well volumes.

Geologist Signature: _____



Honeywell Site :

Date 7/22/11 Field Personnel ER/TP Weather Sunny 88°
 Site Name SCA Contractor OBG Project No. 1163/46698
 Site Location Camillus, NY Evacuation Method Watertra

Well information:

Depth to Bottom (Initial)* 35.35 ft. Date(s) Installed _____ Date(s) Developed 7/22/11
 Depth to Bottom (Final)* 26.25 ft. Well condition Good Development Time Start: 1045
 Depth to Water (Initial)* 23.40 ft. Well Diameter 2" in. Stop: 1230
 Depth to Water (Final)* 23.45 ft. Casing Volume _____ gal. Development Method Watertra
 Length of Water Column (LWC) 11.95 ft. Air Monitoring No * Measuring point PVC
 1 Well Volume (0.163xLWC) 1.94 gal. Pump setting* _____ (intake)

Well Volumes	Volume of Water Removed (Gallons)	Temperature °C	pH s.u.	Conductivity mS/cm or µS/cm	Turbidity (NTU)	Approximate Flow Rate (gal/min)	Hydrometer	Depth to Water (ft.)
Start	0	17.71	7.15	7.91	71000	1300	1.014	23.51
1	1.94	15.44	7.02	7.91	71000	1300	1.012	23.51
2	3.88	14.60	6.93	8.03	>1000	1100	1.012	23.51
3	5.82	14.29	6.85	8.10	71000	1100	1.010	23.51
4	7.76	14.71	6.86	8.10	71000	900	1.010	23.51
5	9.70	15.55	6.89	8.07	71000	800	1.010	23.45
6	11.64	16.79	7.0	7.97	71000	800	1.010	23.45
7	13.58	15.24	6.94	8.15	71000	1400	1.010	23.45
8	15.52	14.44	6.94	8.21	71000	1400	1.008	23.45
9	17.46	13.87	6.82	8.13	71000	1400	1.008	23.45
10	19.40	13.70	6.81	8.25	71000	1400	1.008	23.45

Development Water Characteristics:

Total volume of Development water removed: 30 gals.

Development Water Disposal Method: _____

Physical appearance at start
 Color Brown
 Odor None
 Sheen/Free Product None

Physical appearance at end
 Color Brown
 Odor None
 Sheen/Free Product None

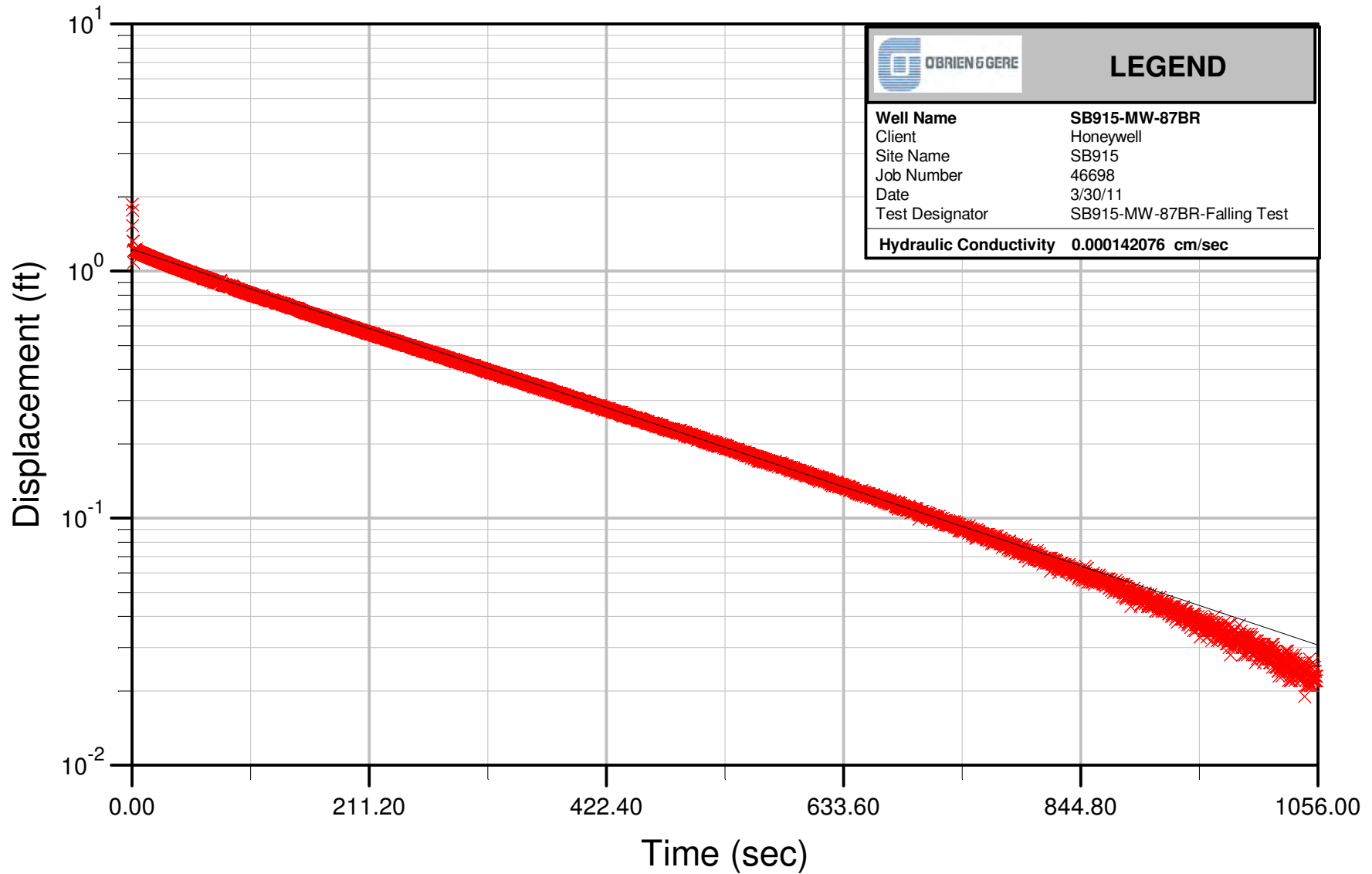
NOTES:

Purged 10 gals. before beginning well volumes.

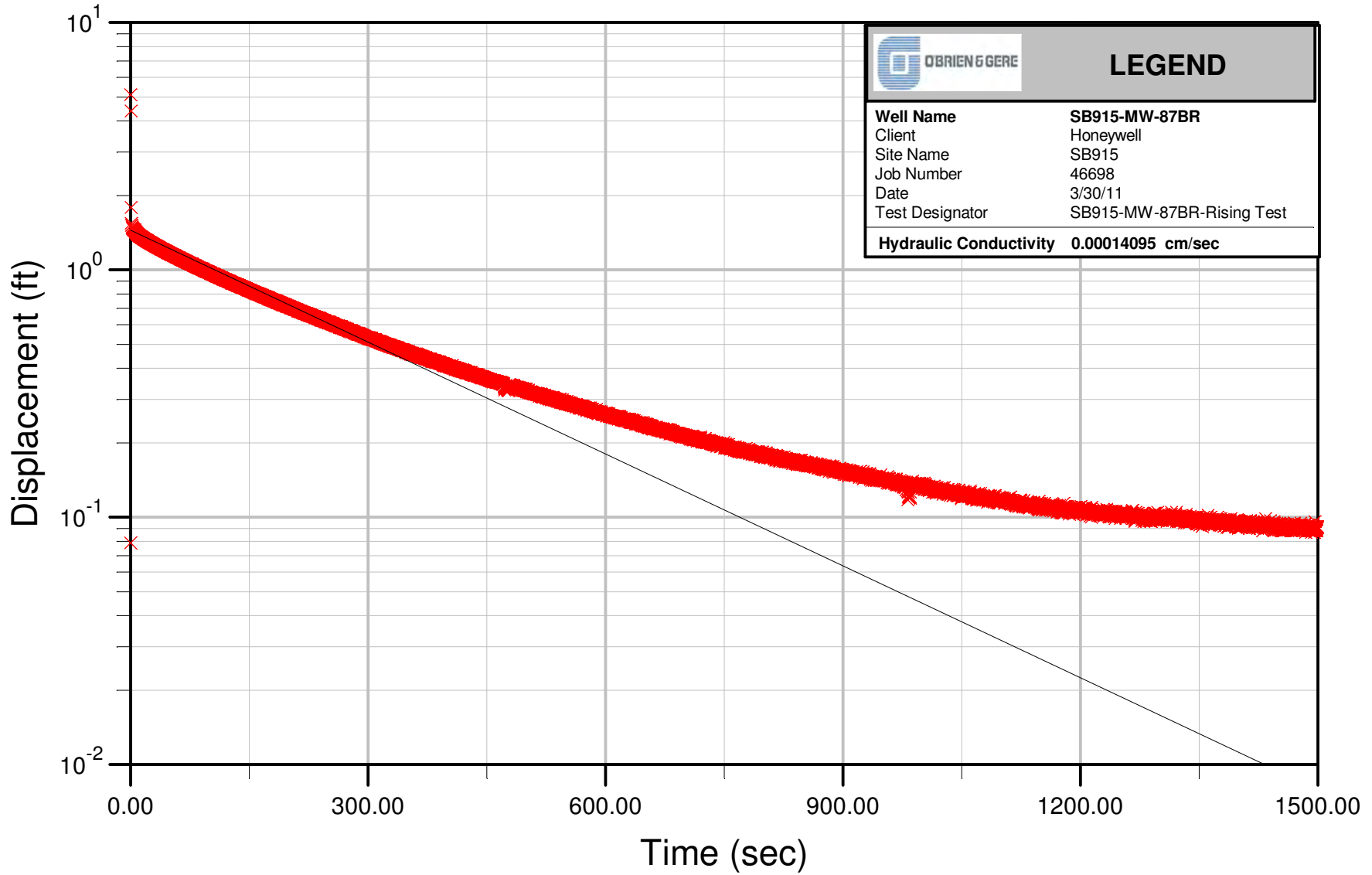
Geologist Signature: _____

Hydraulic Conductivity Logs

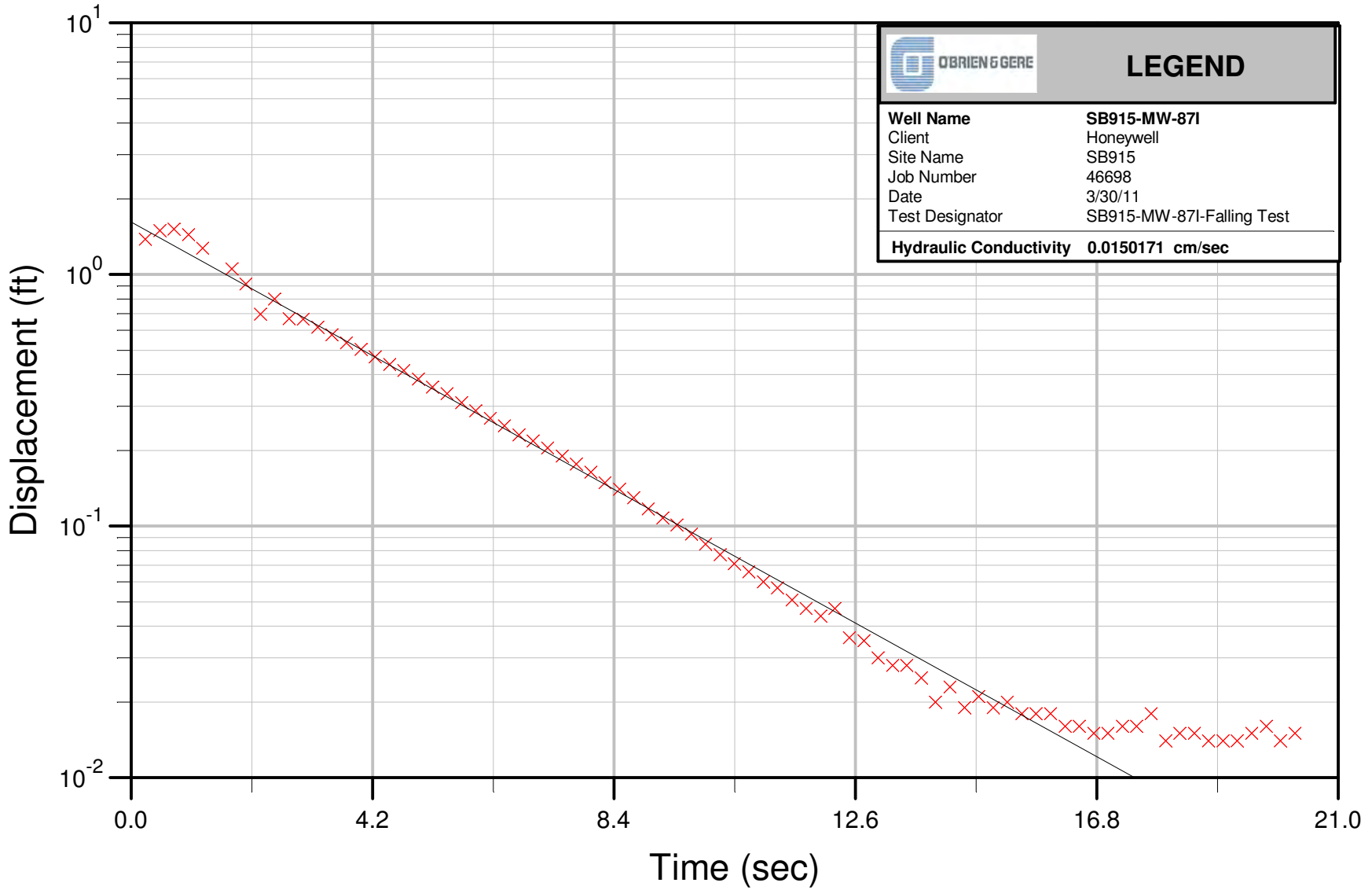
Bouwer & Rice



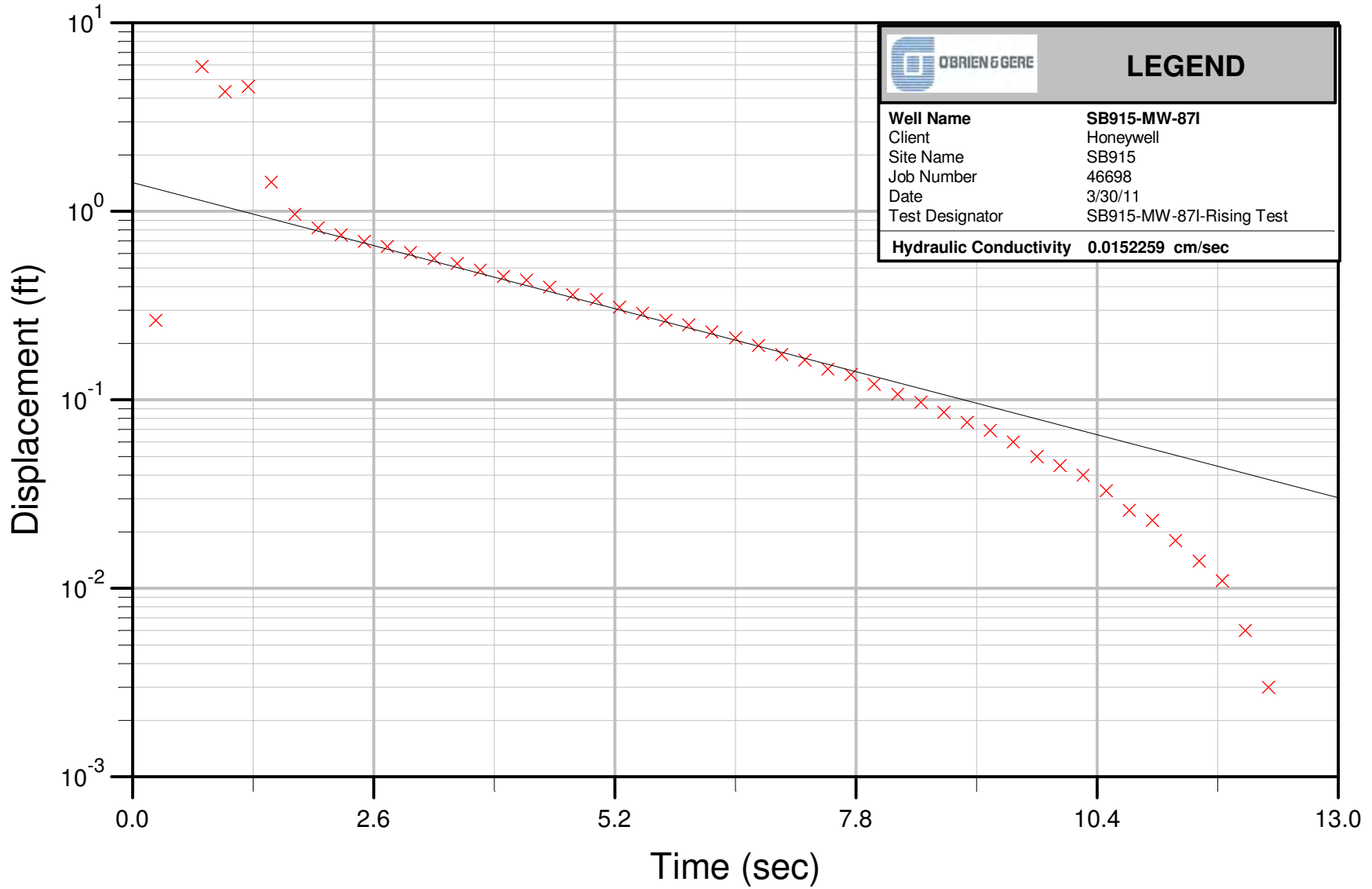
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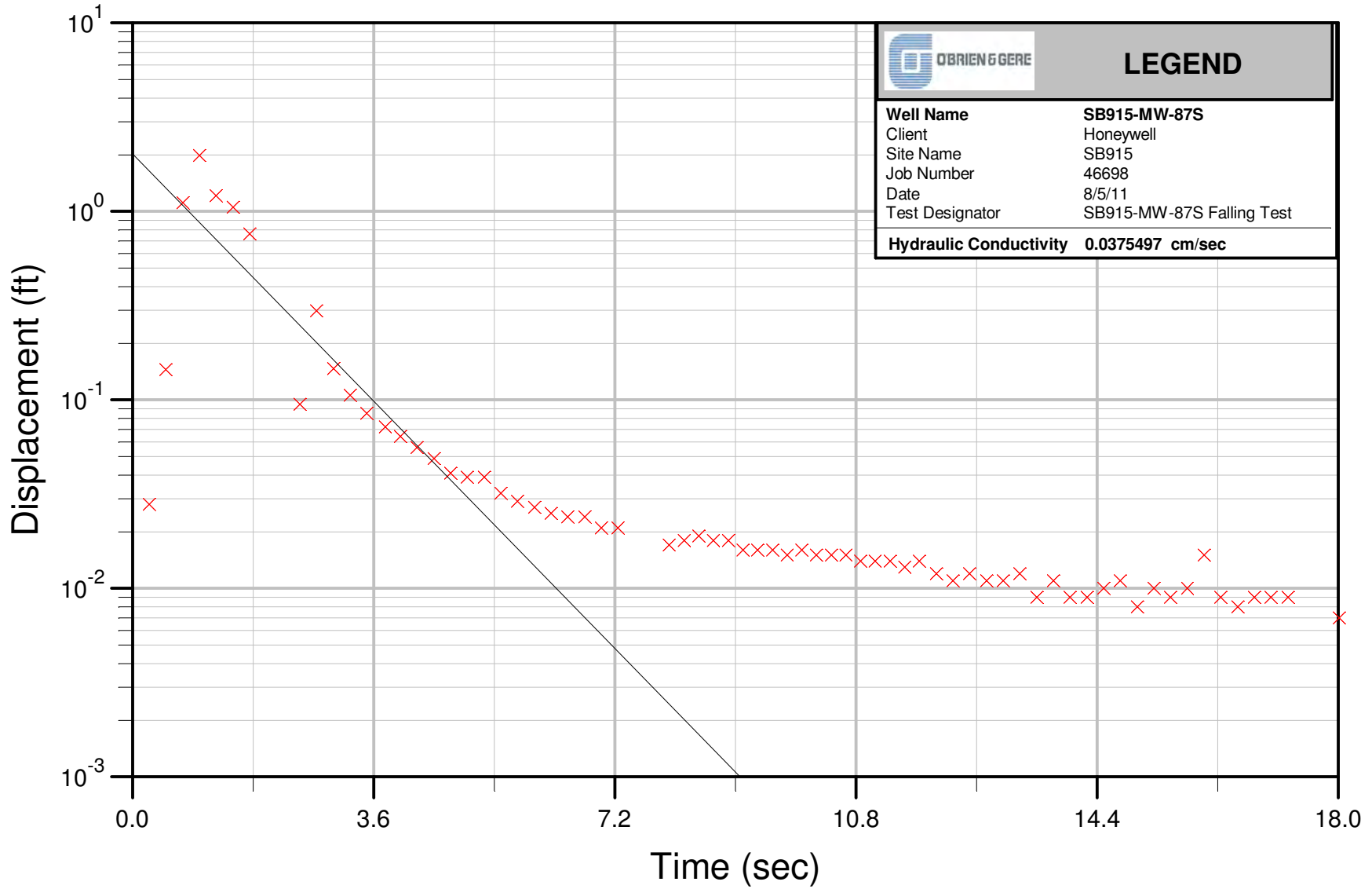
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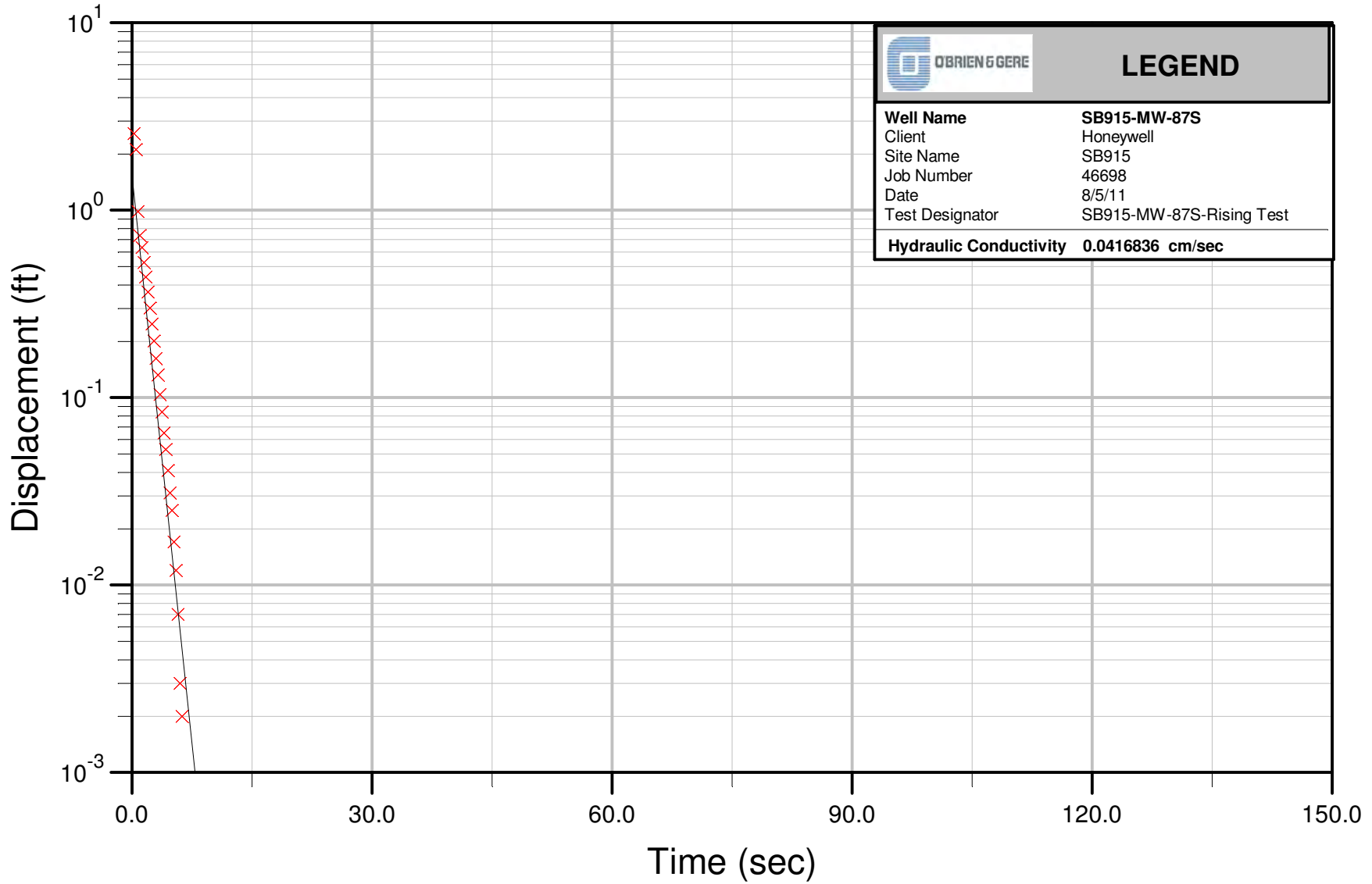
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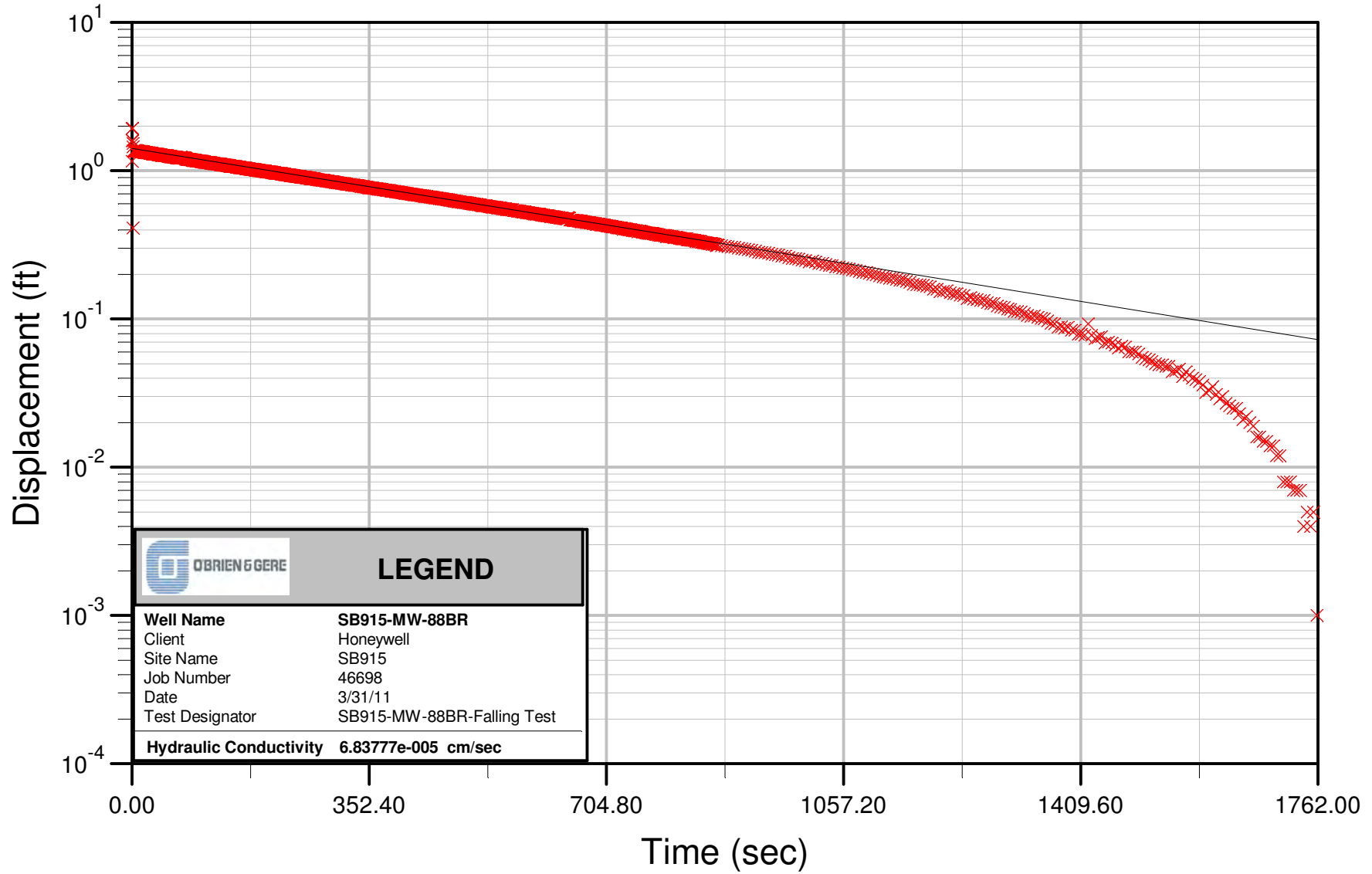
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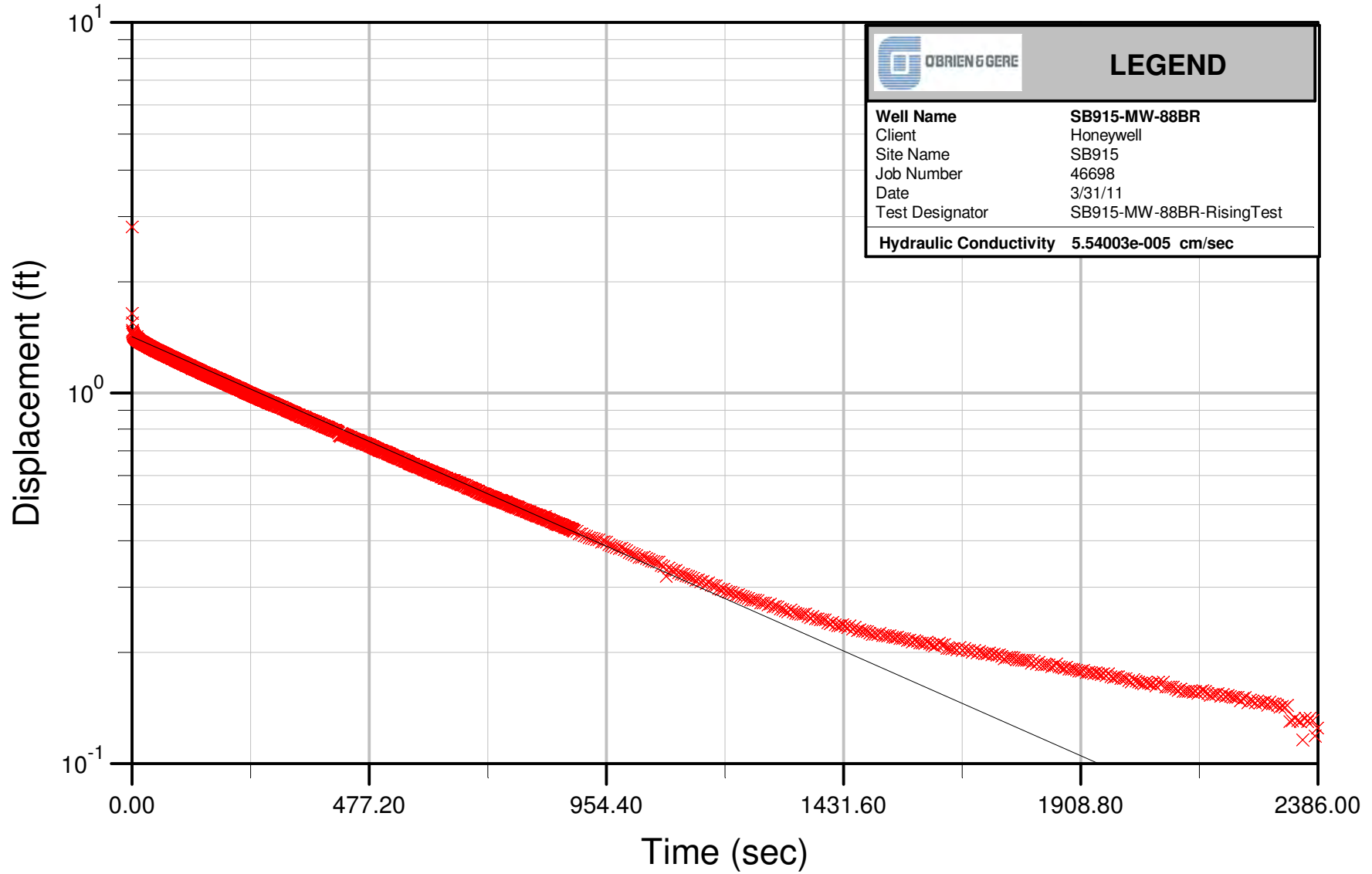
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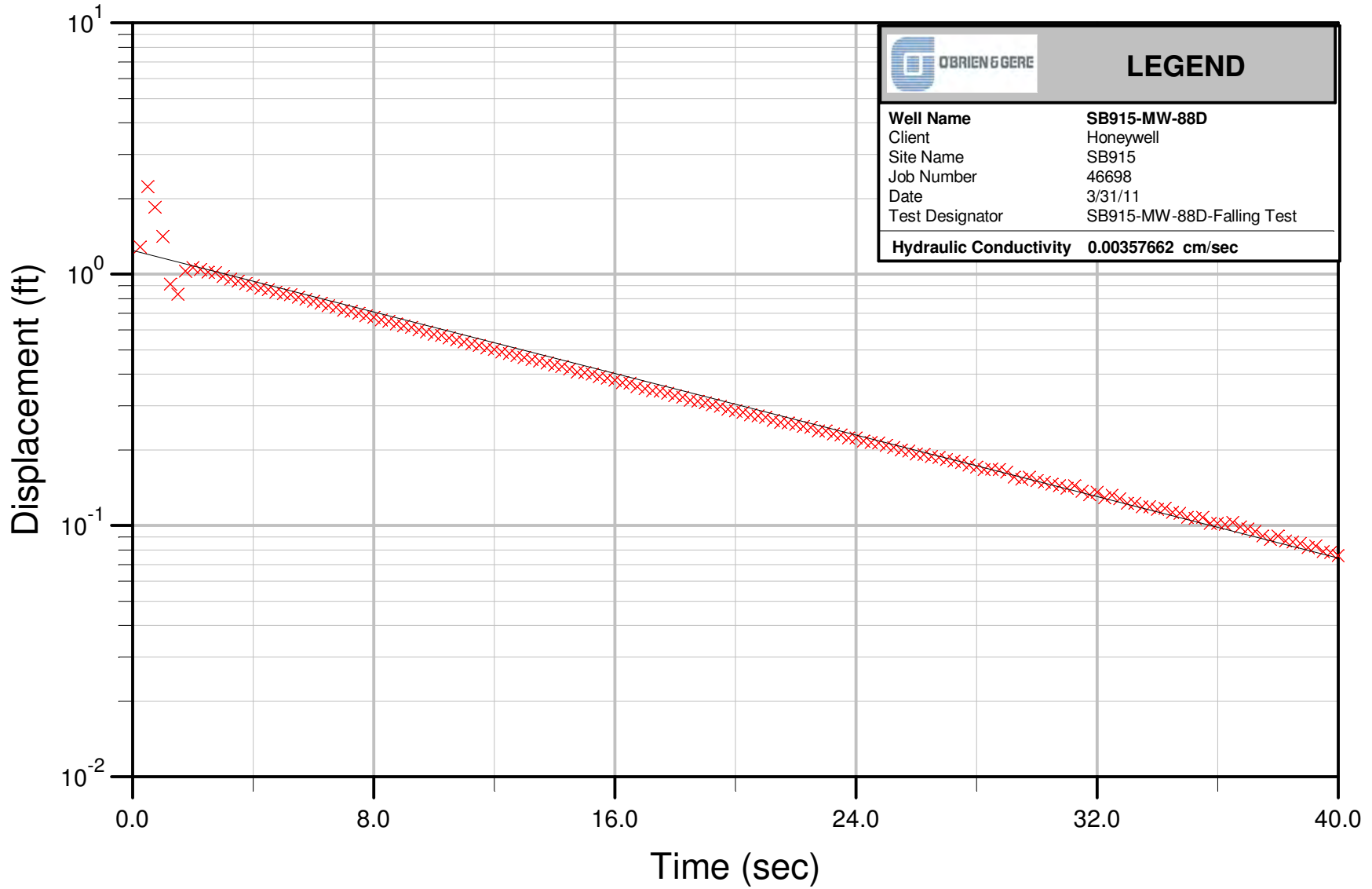
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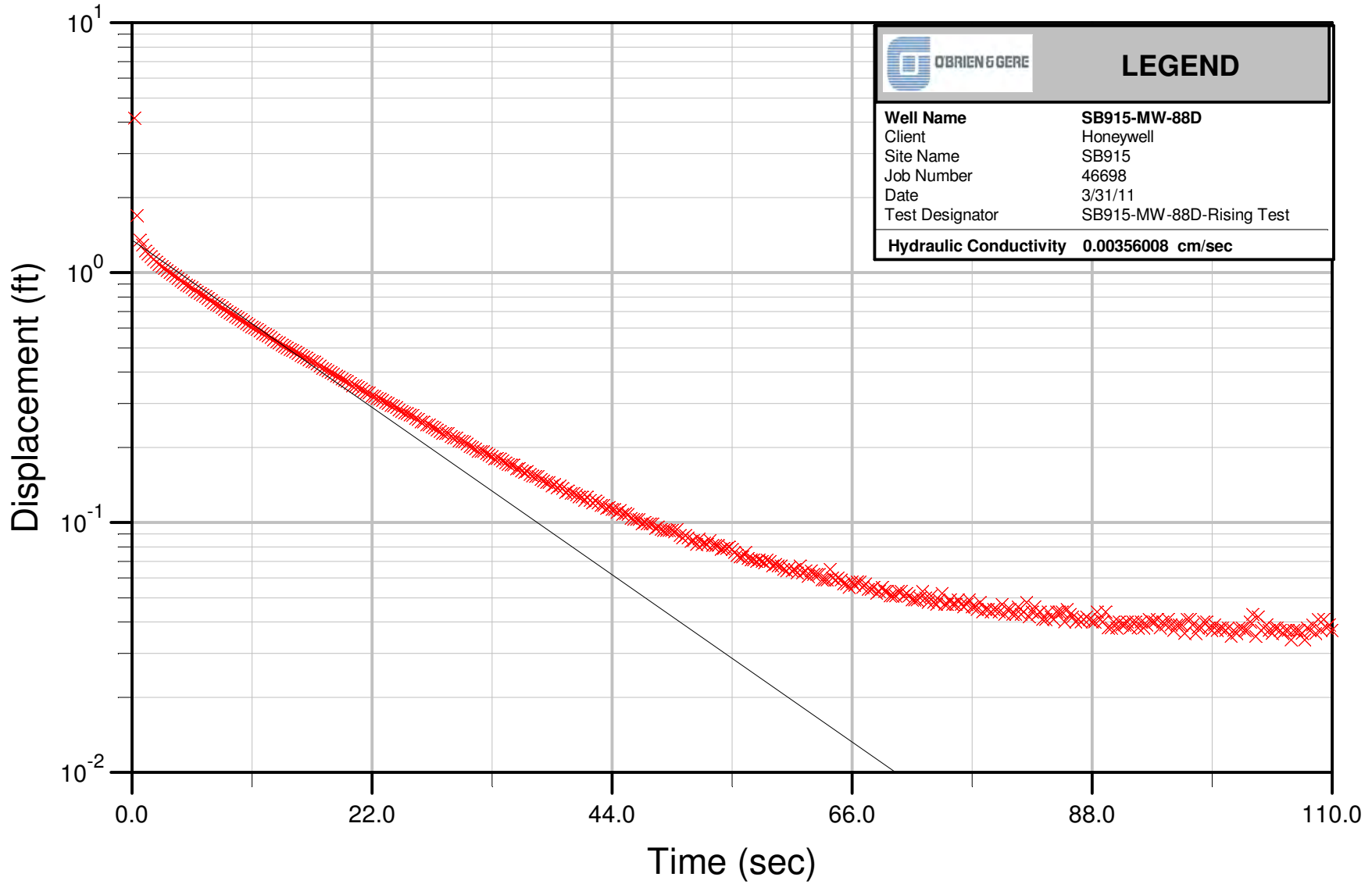
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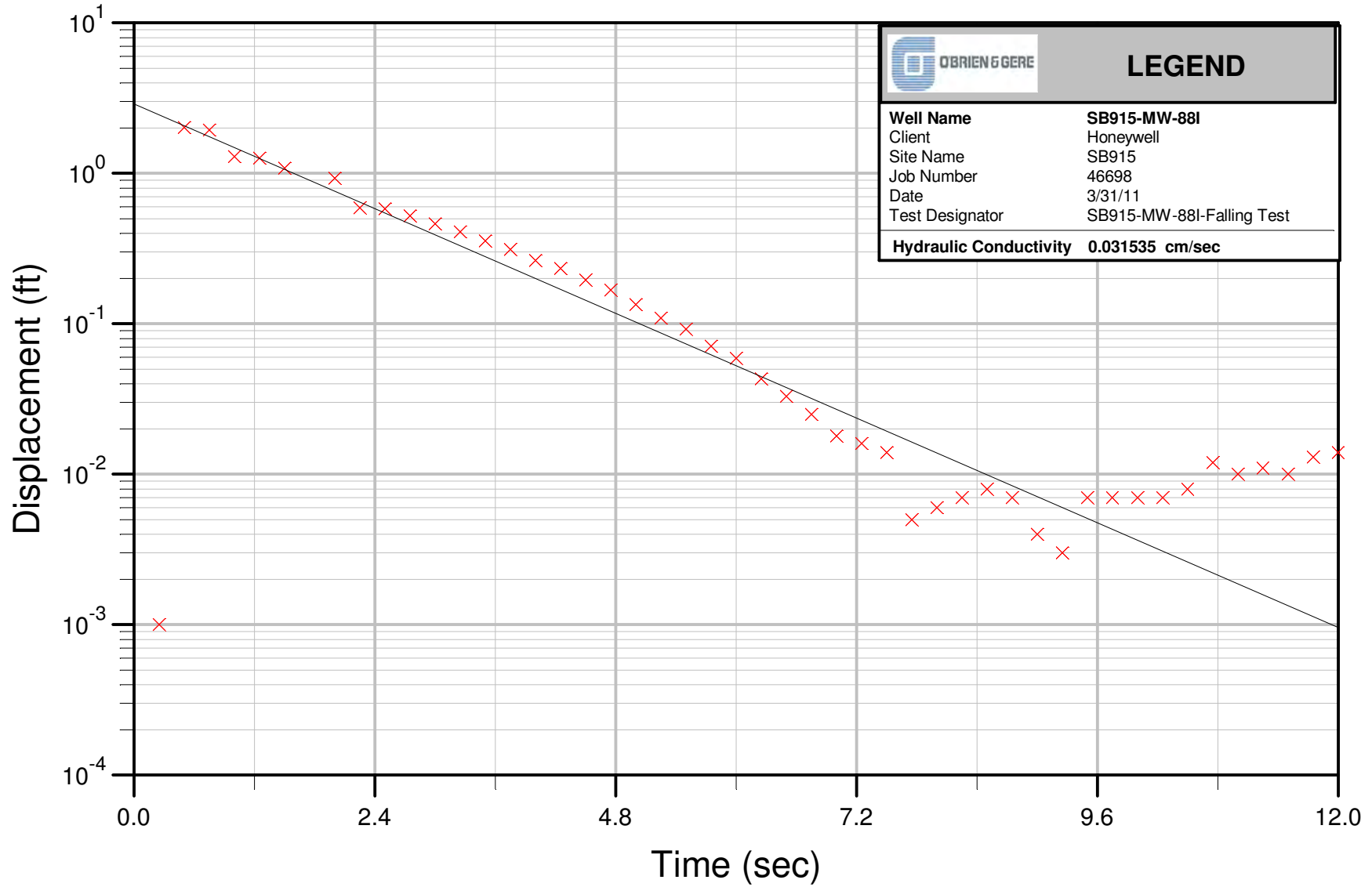
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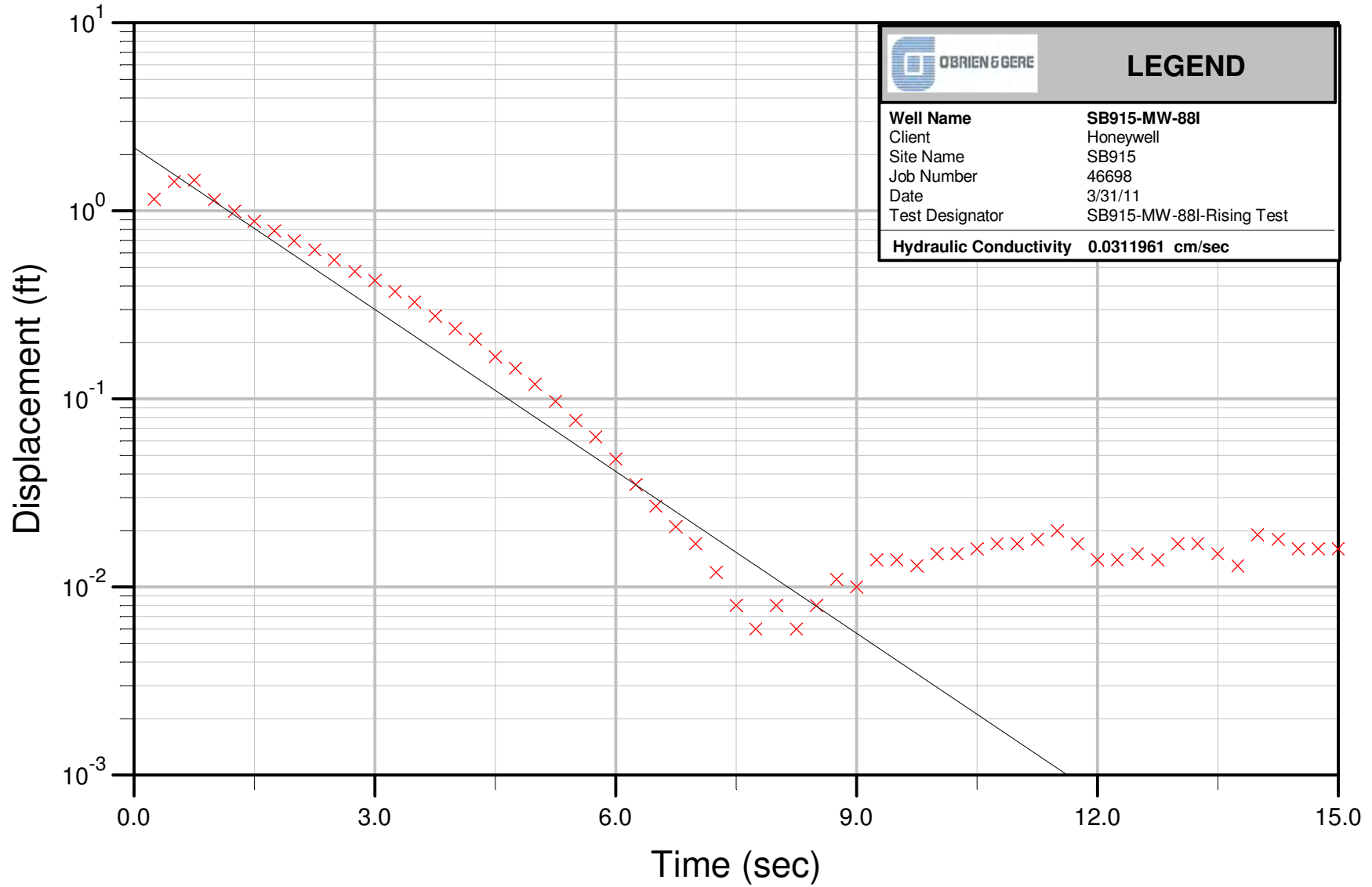
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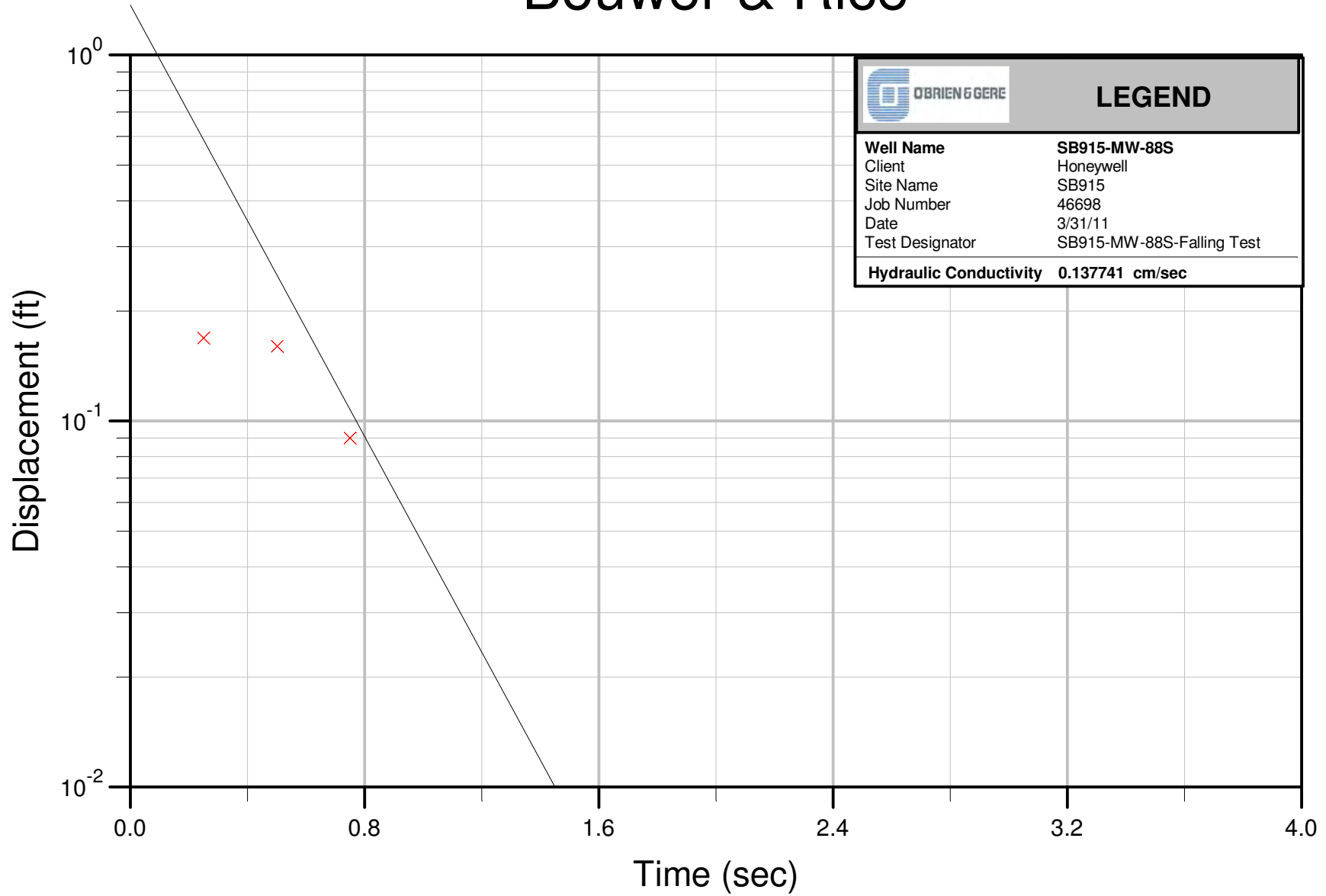
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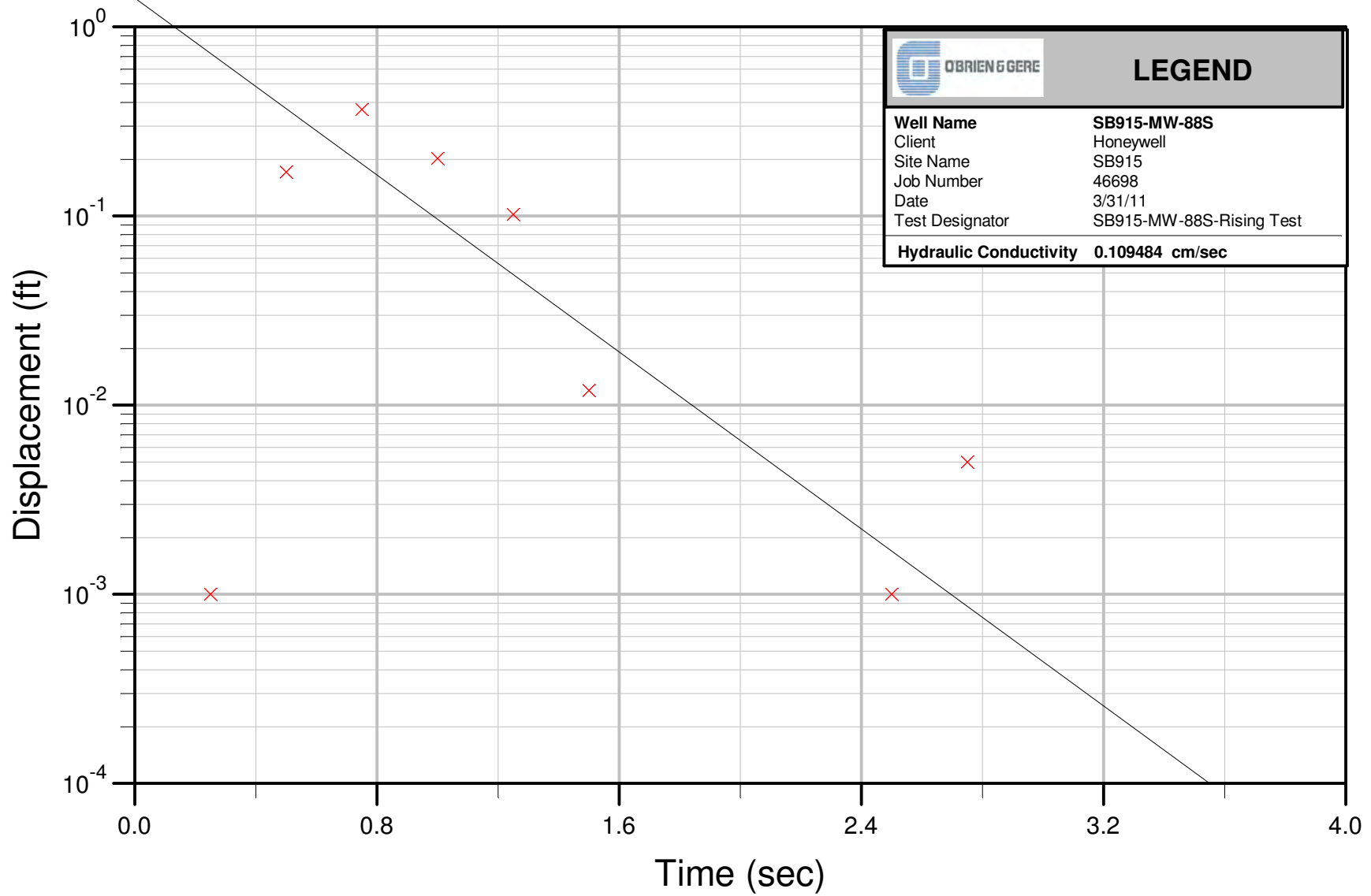
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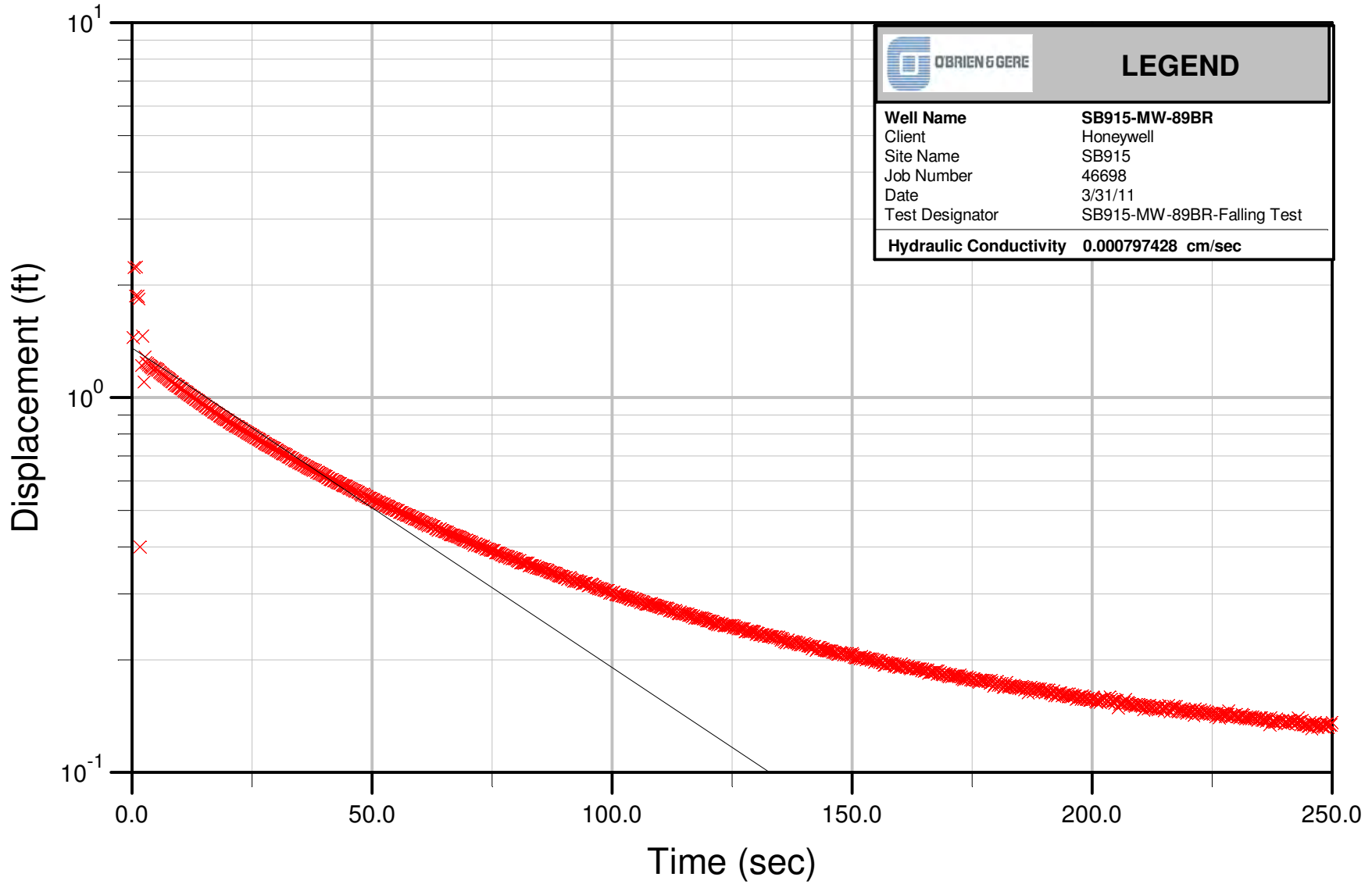
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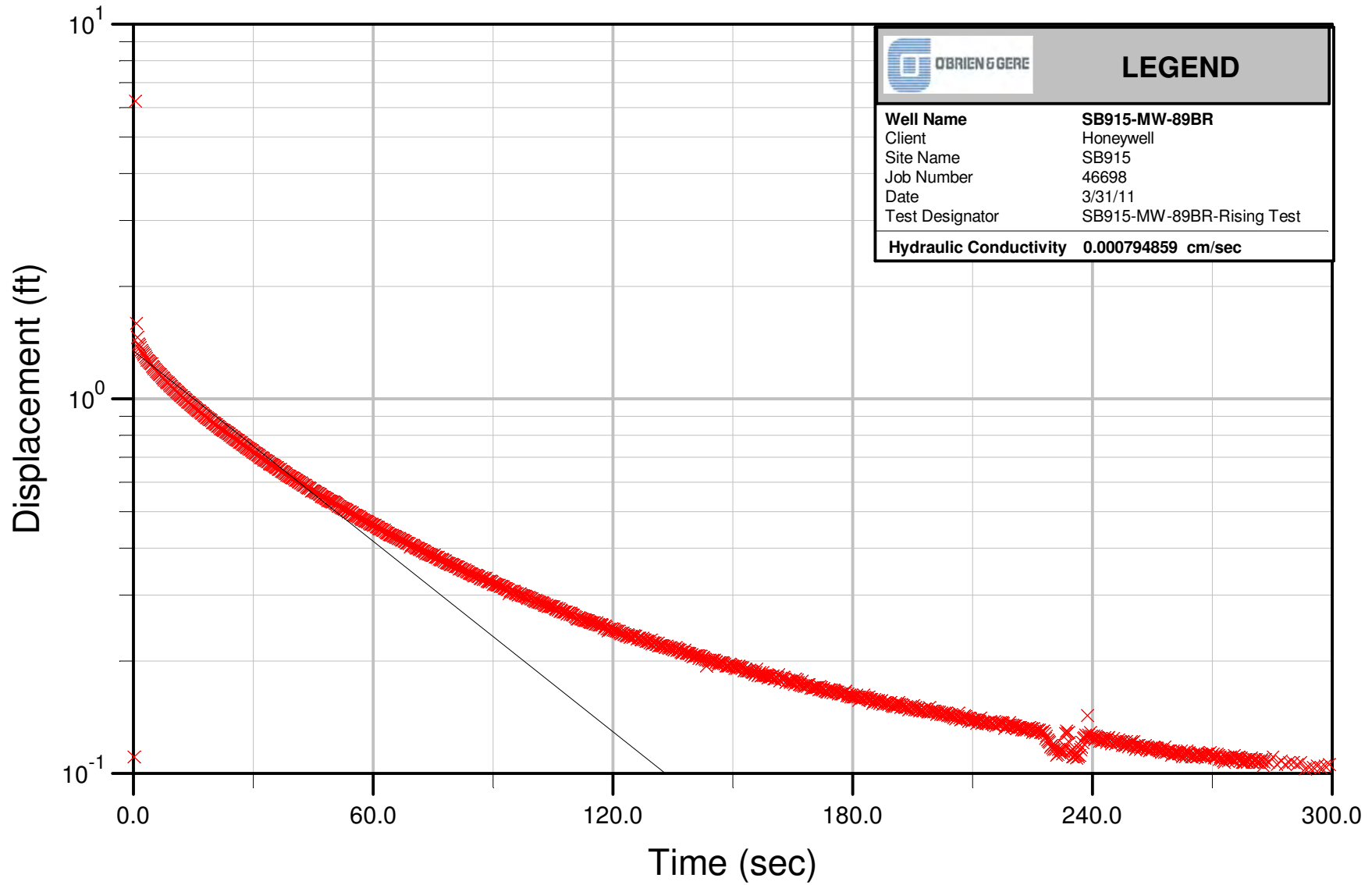
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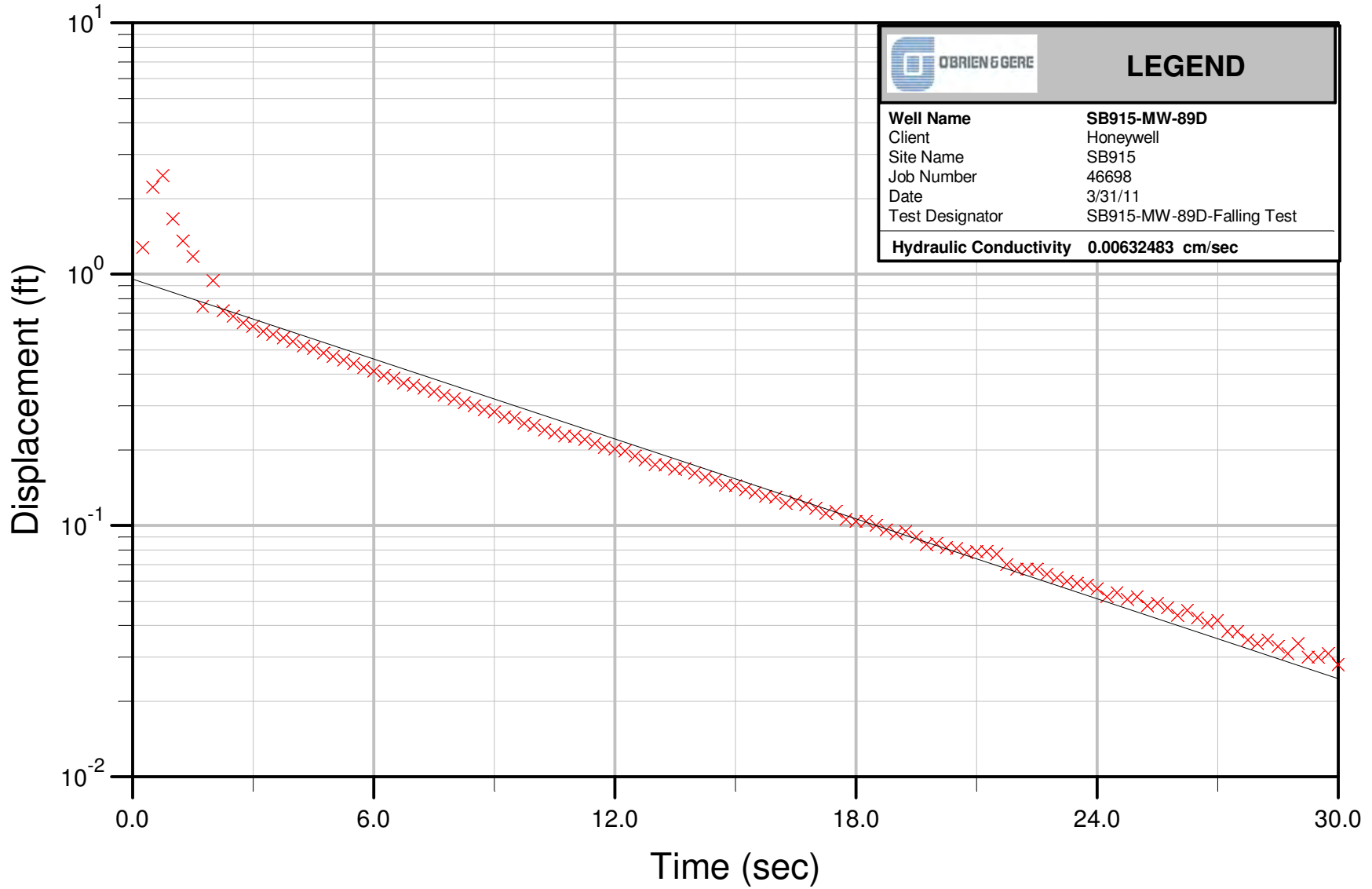
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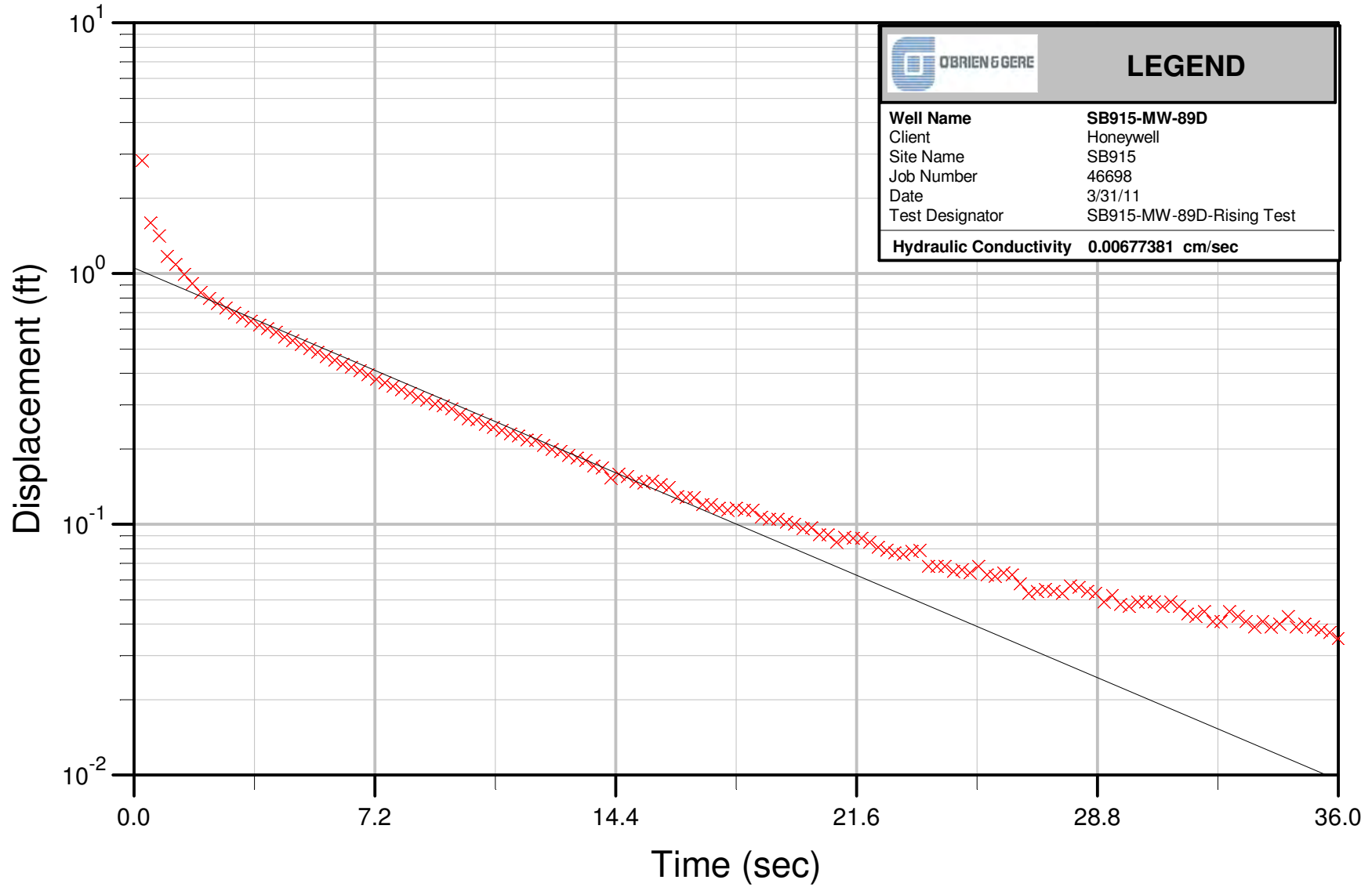
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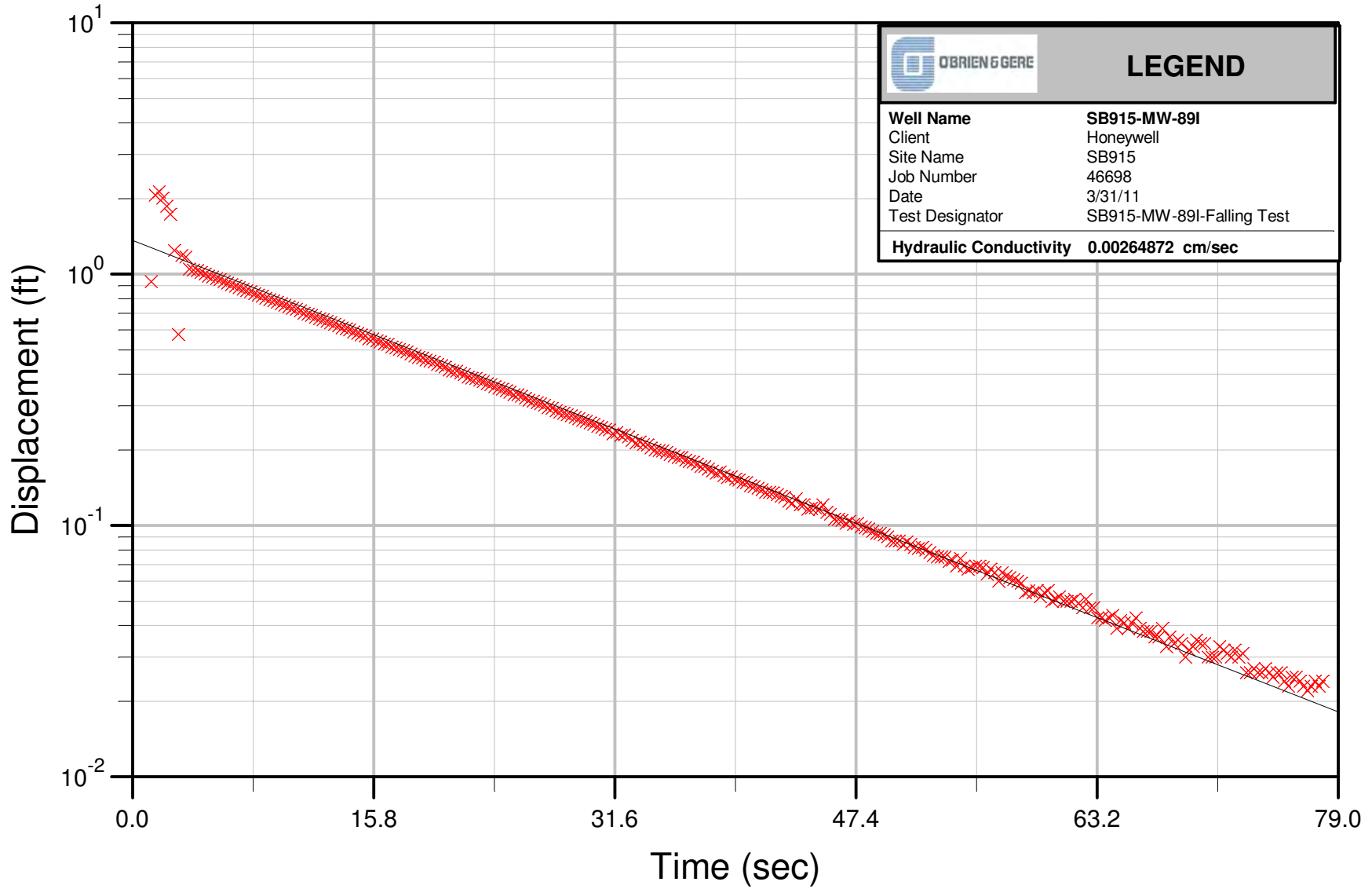
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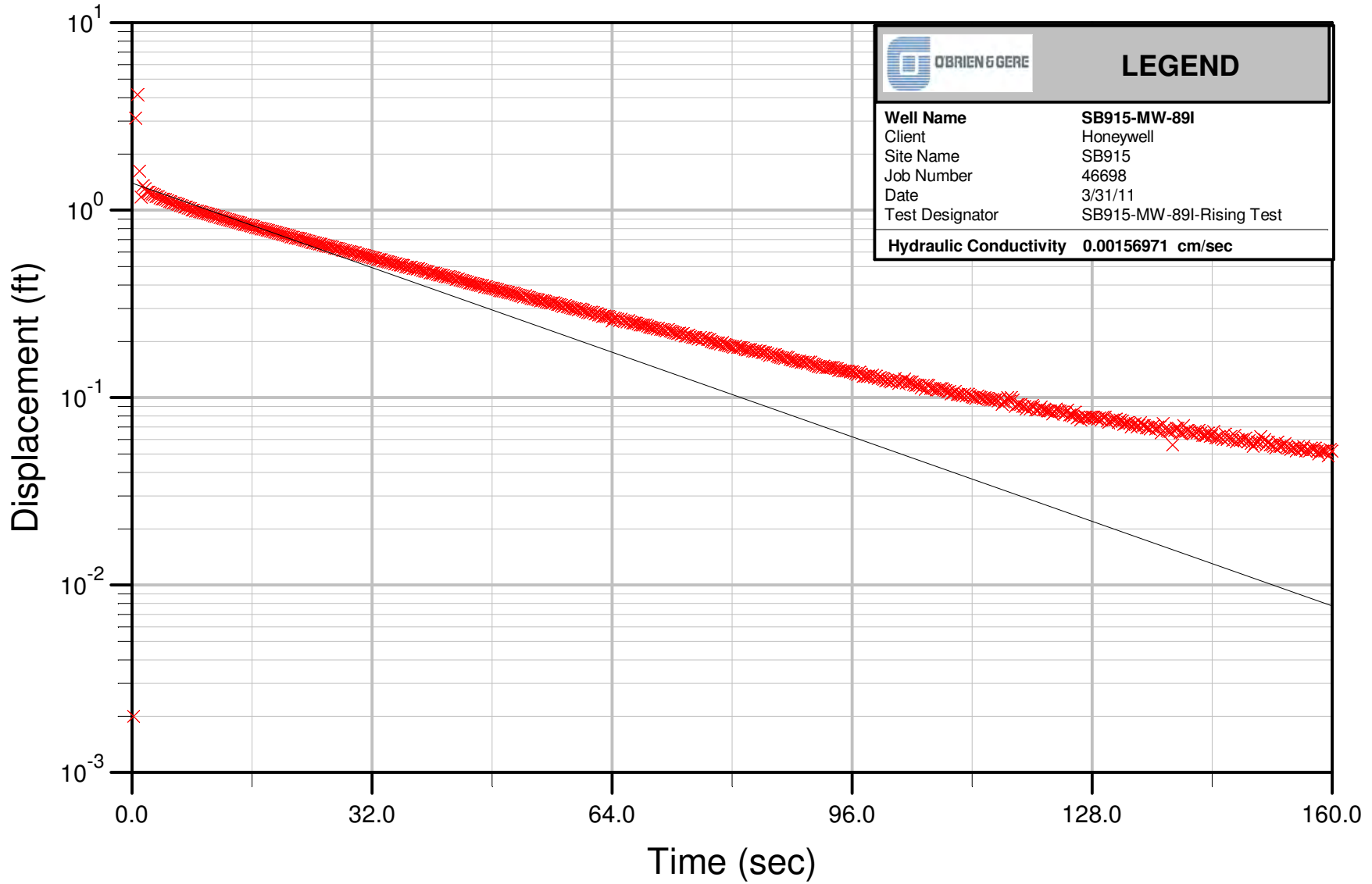
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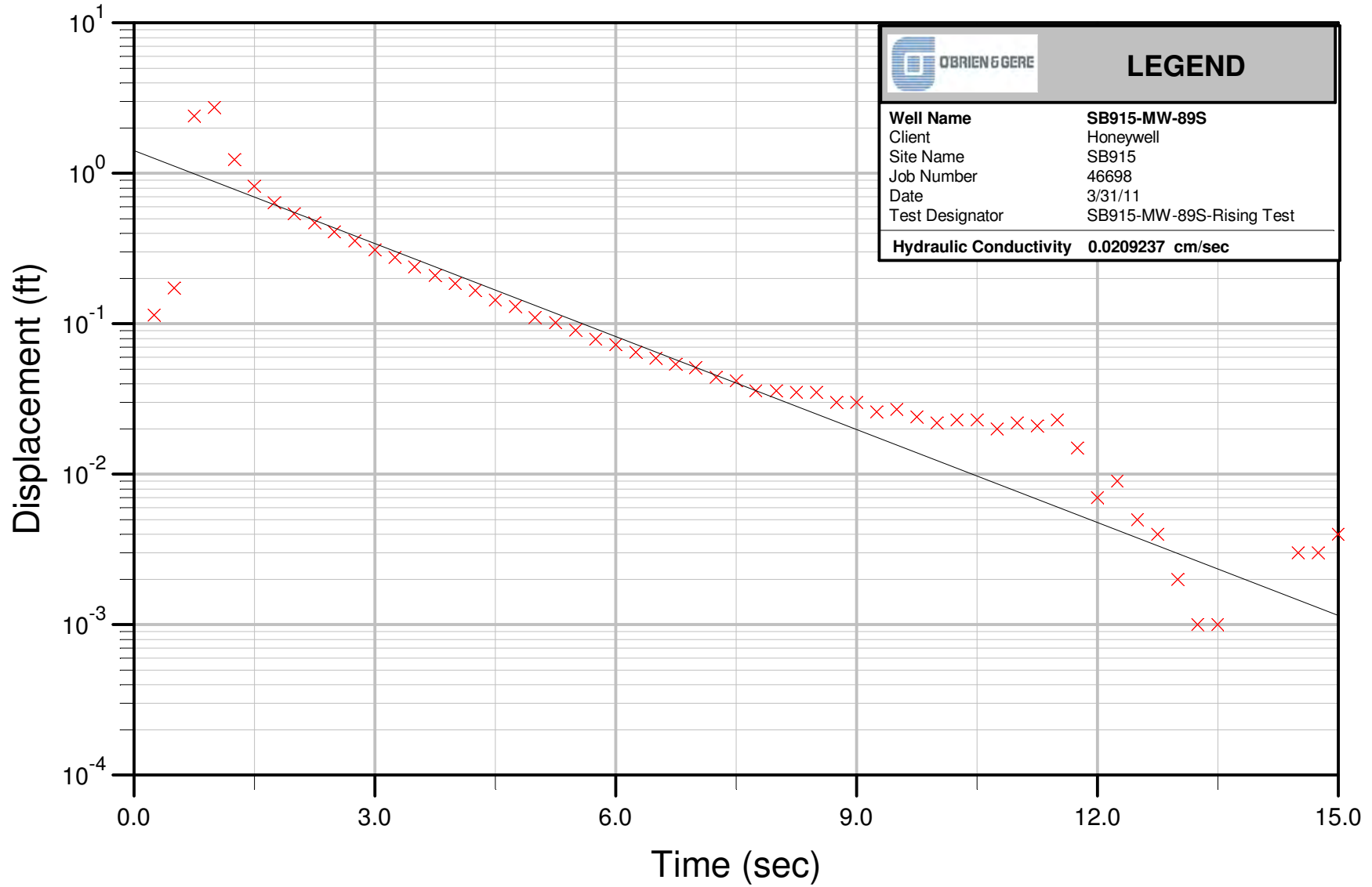
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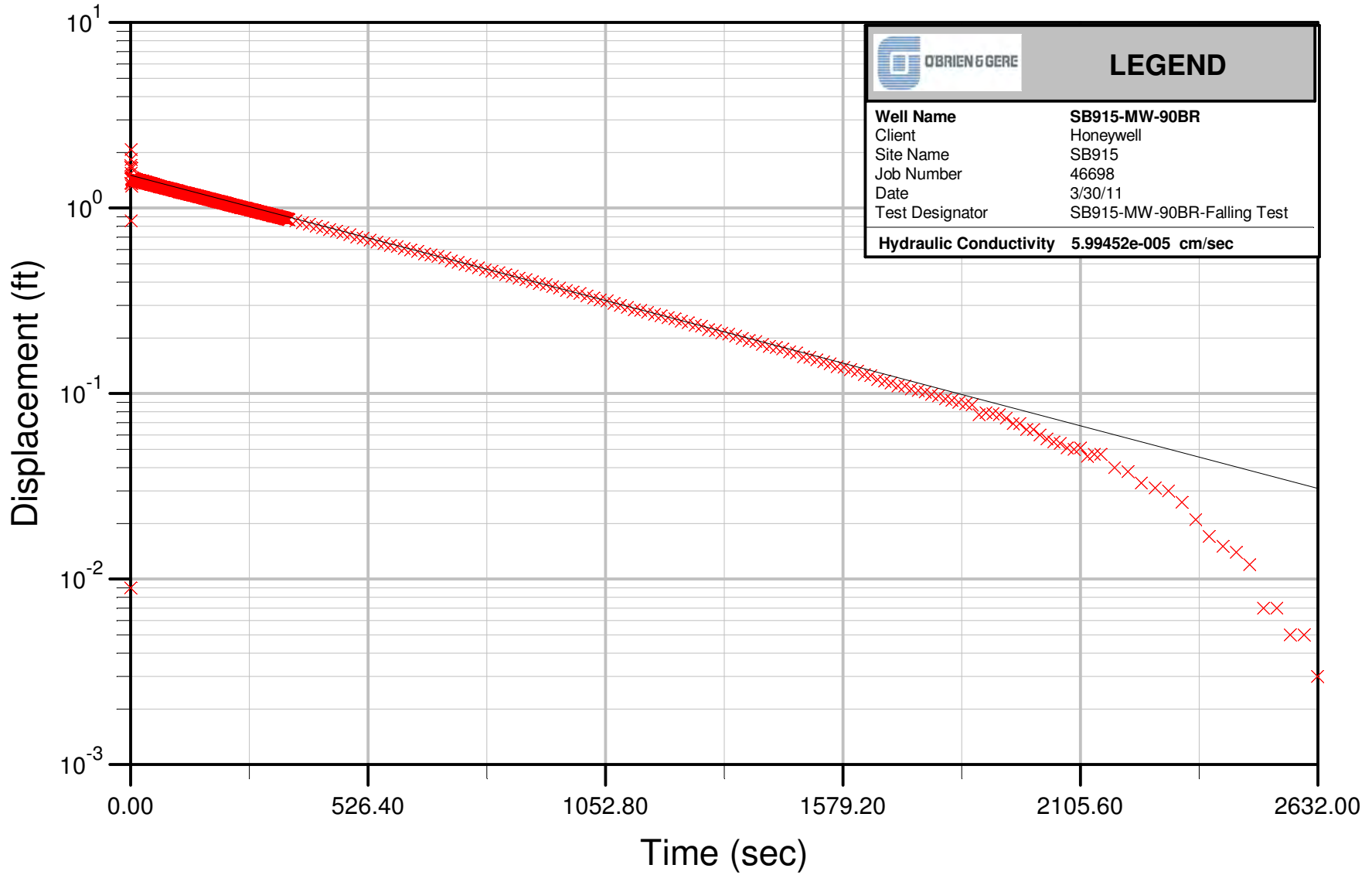
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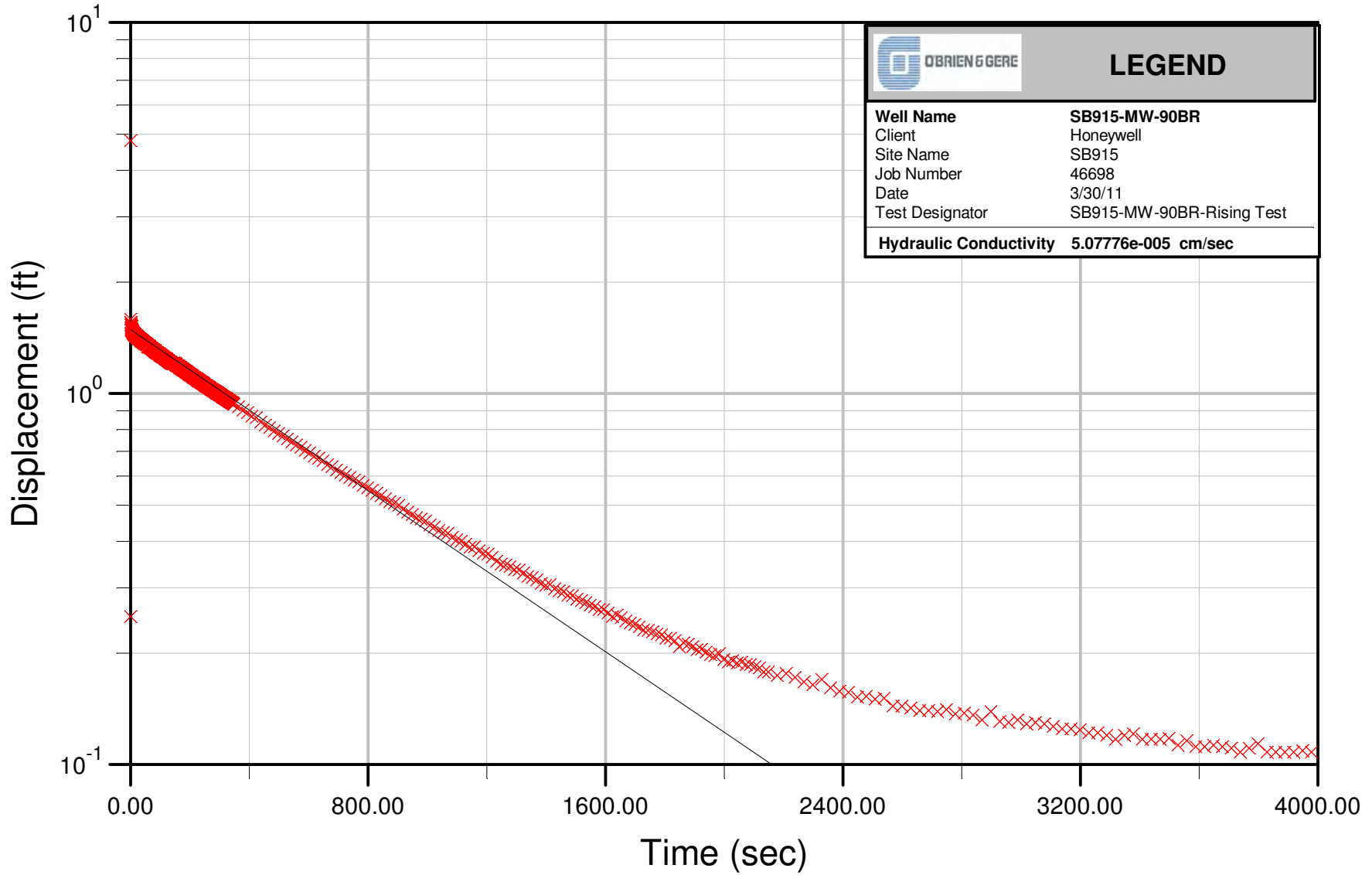
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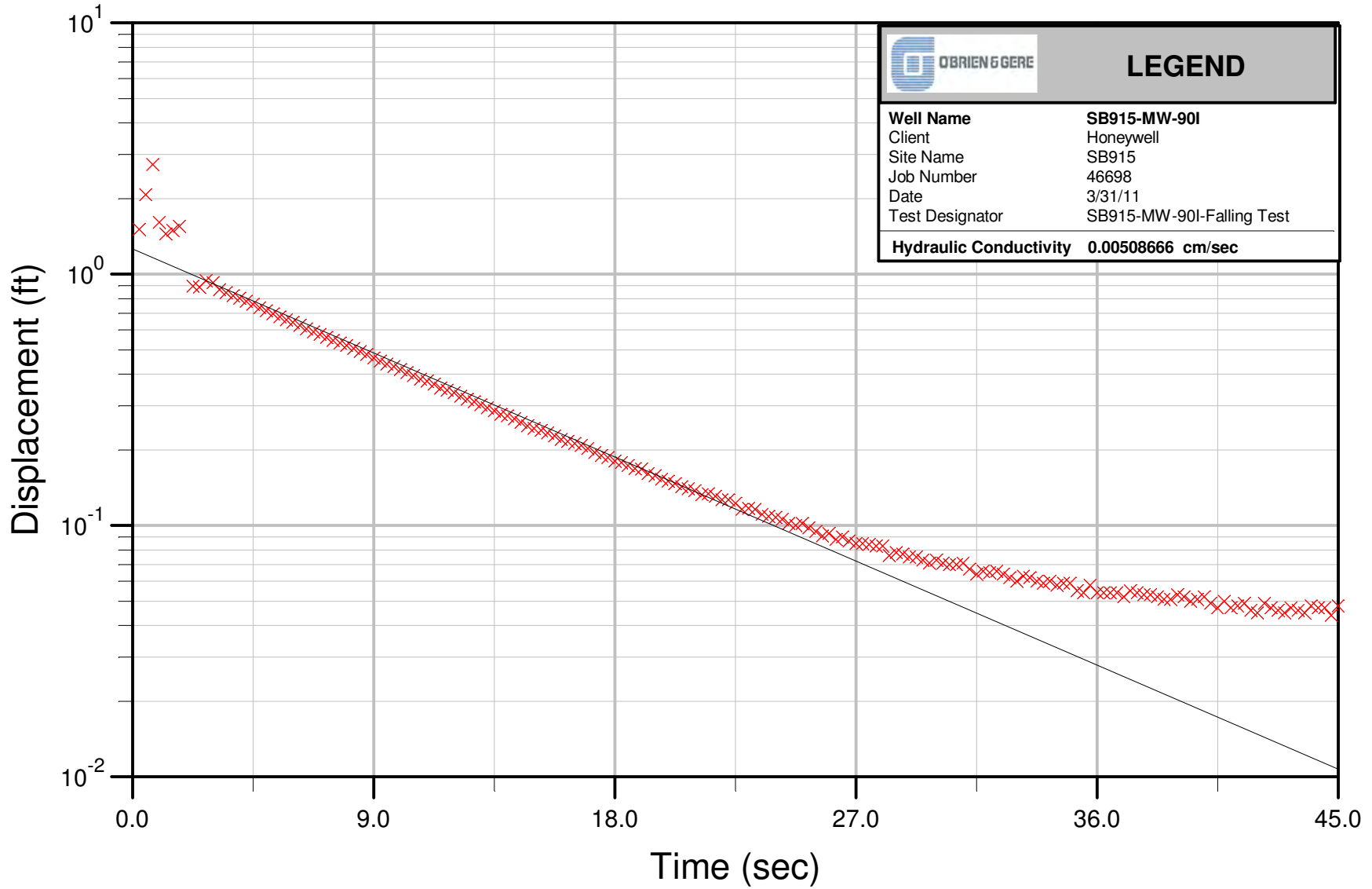
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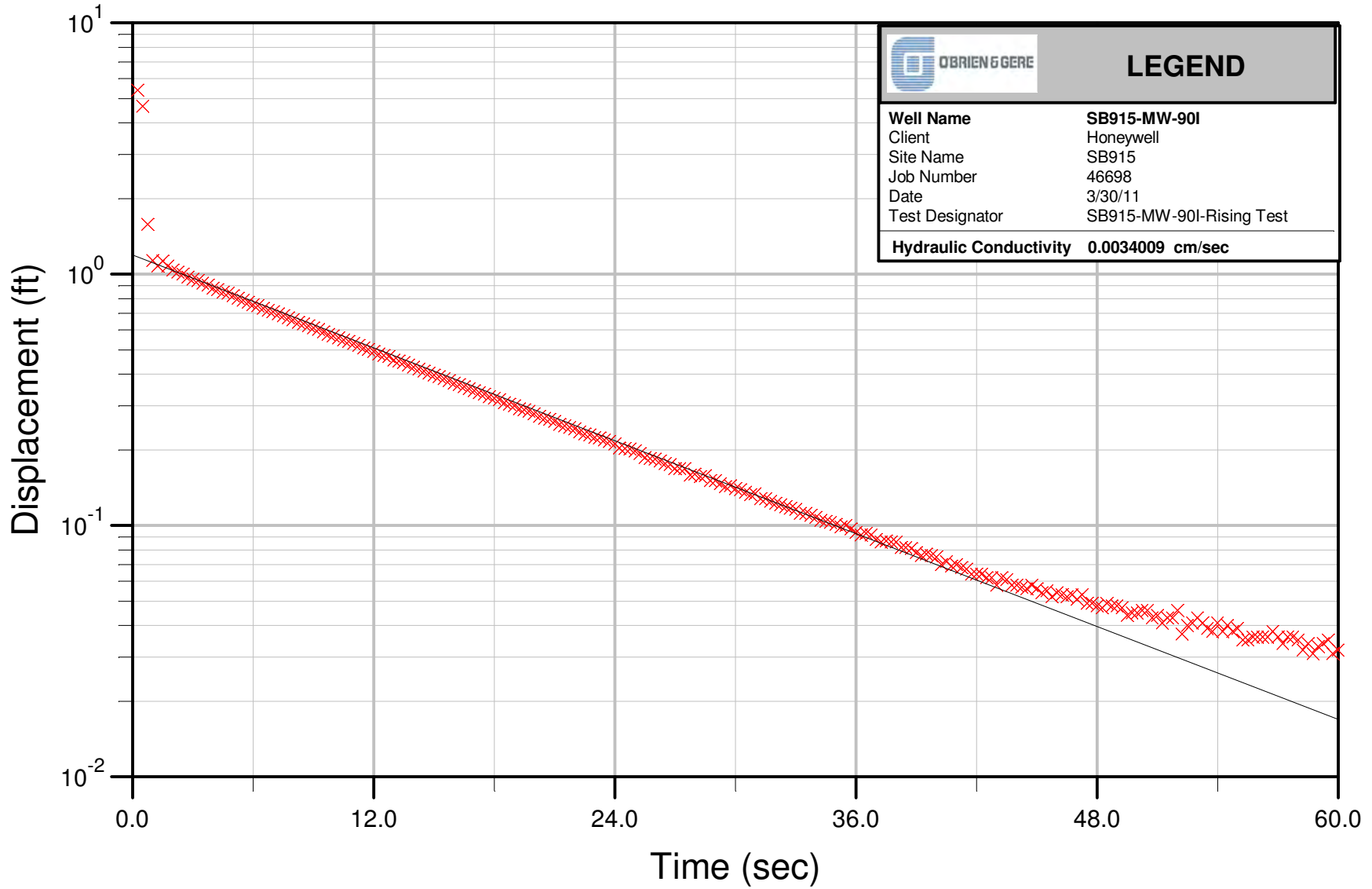
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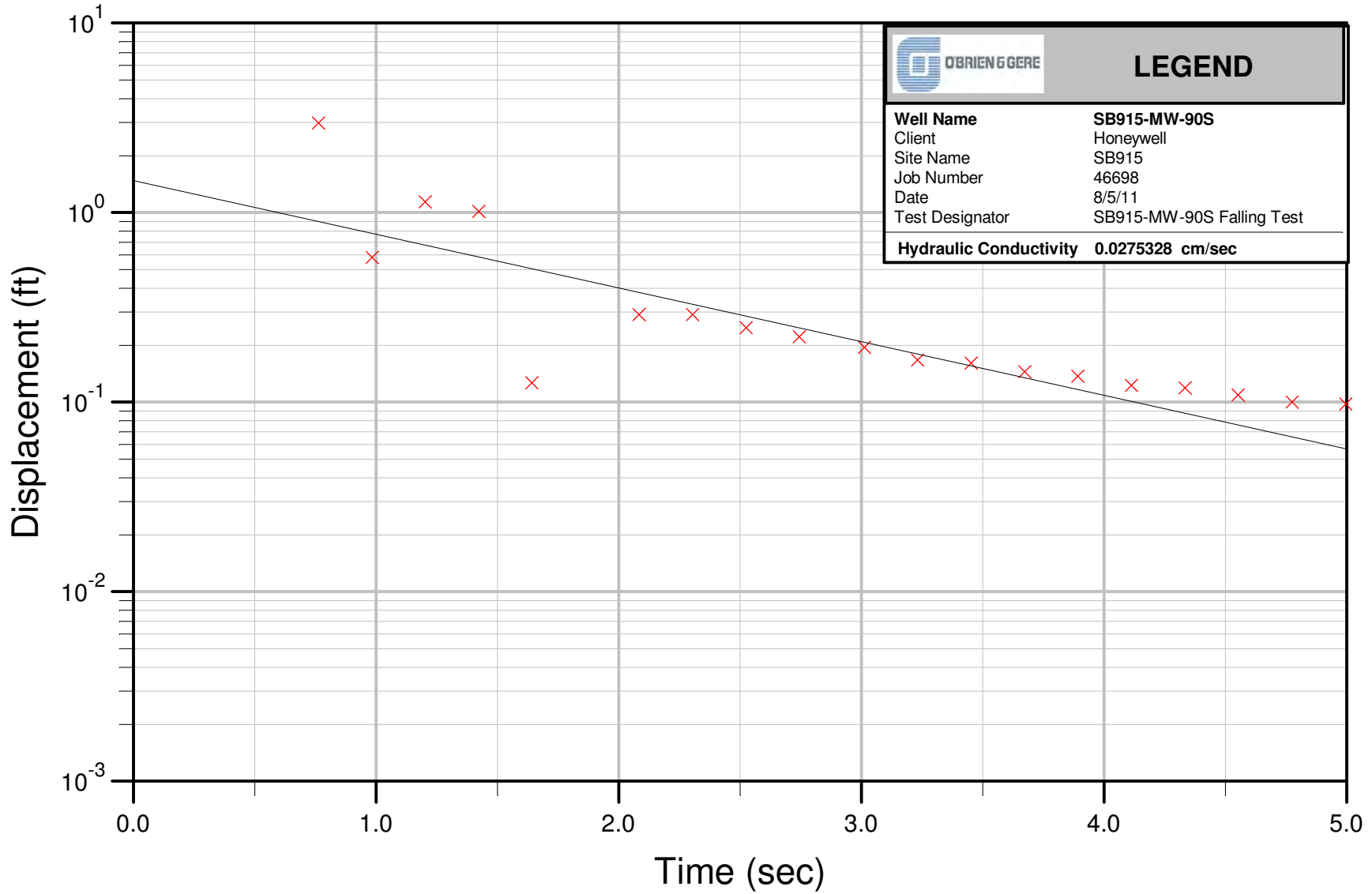
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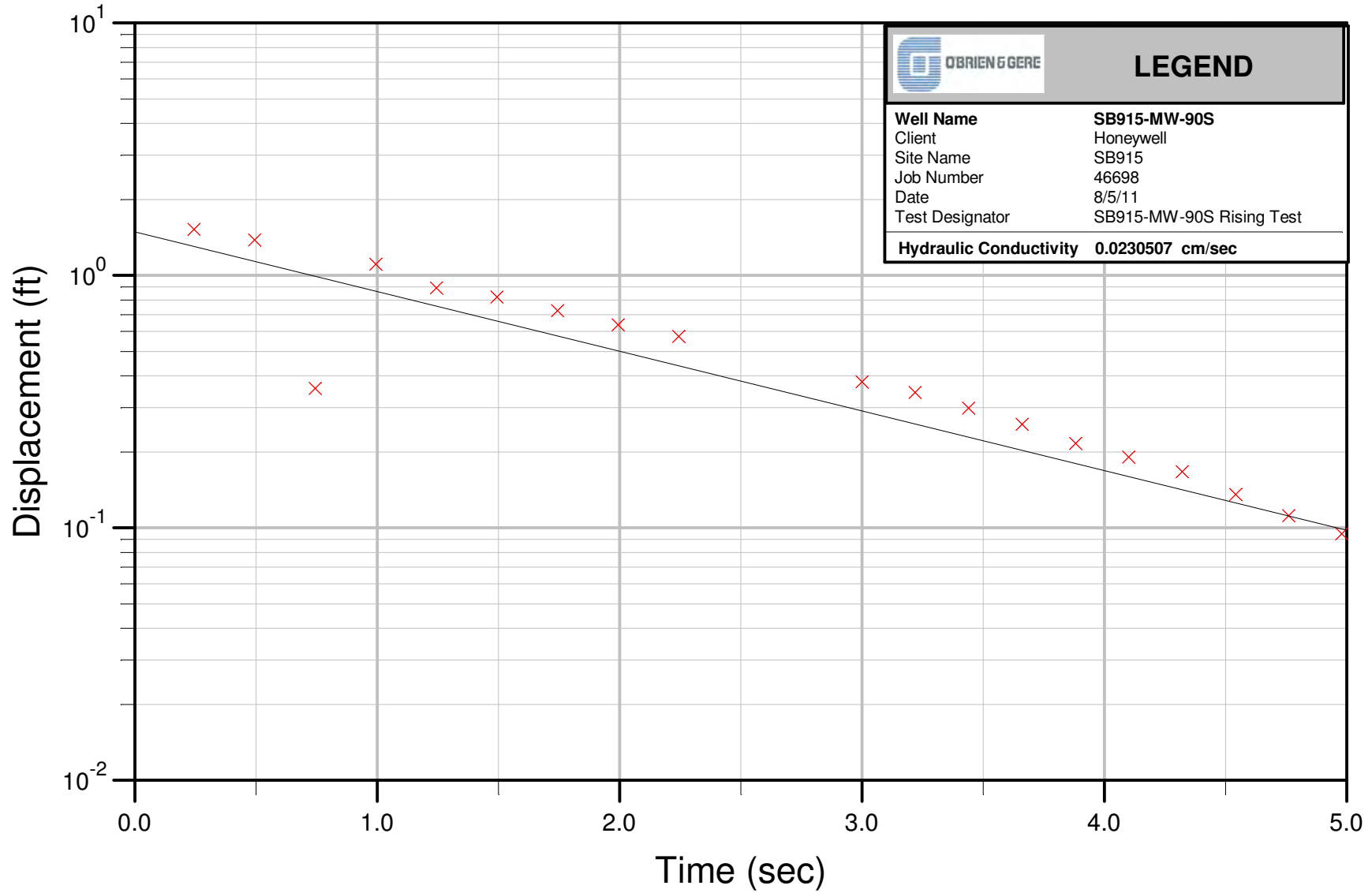
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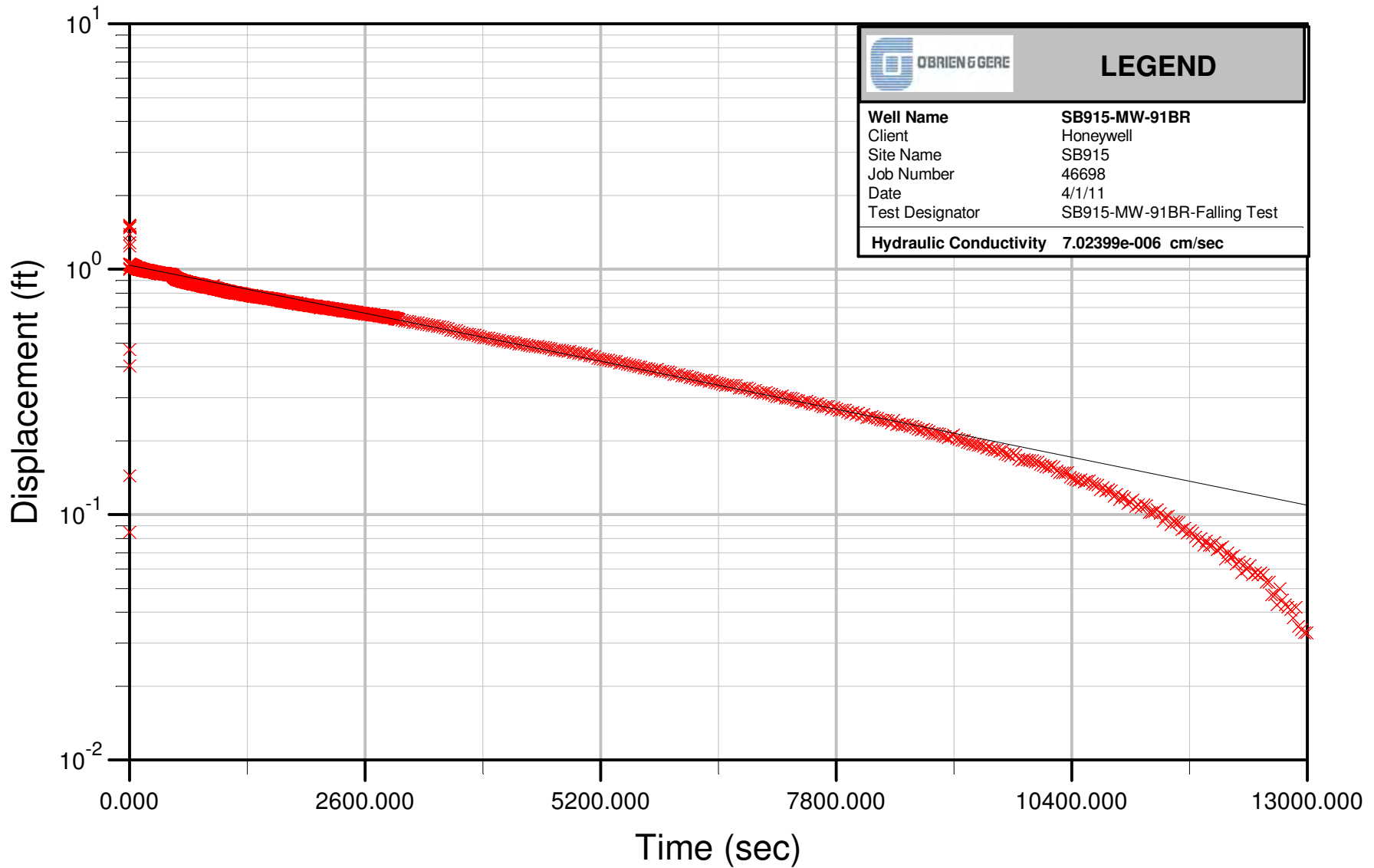
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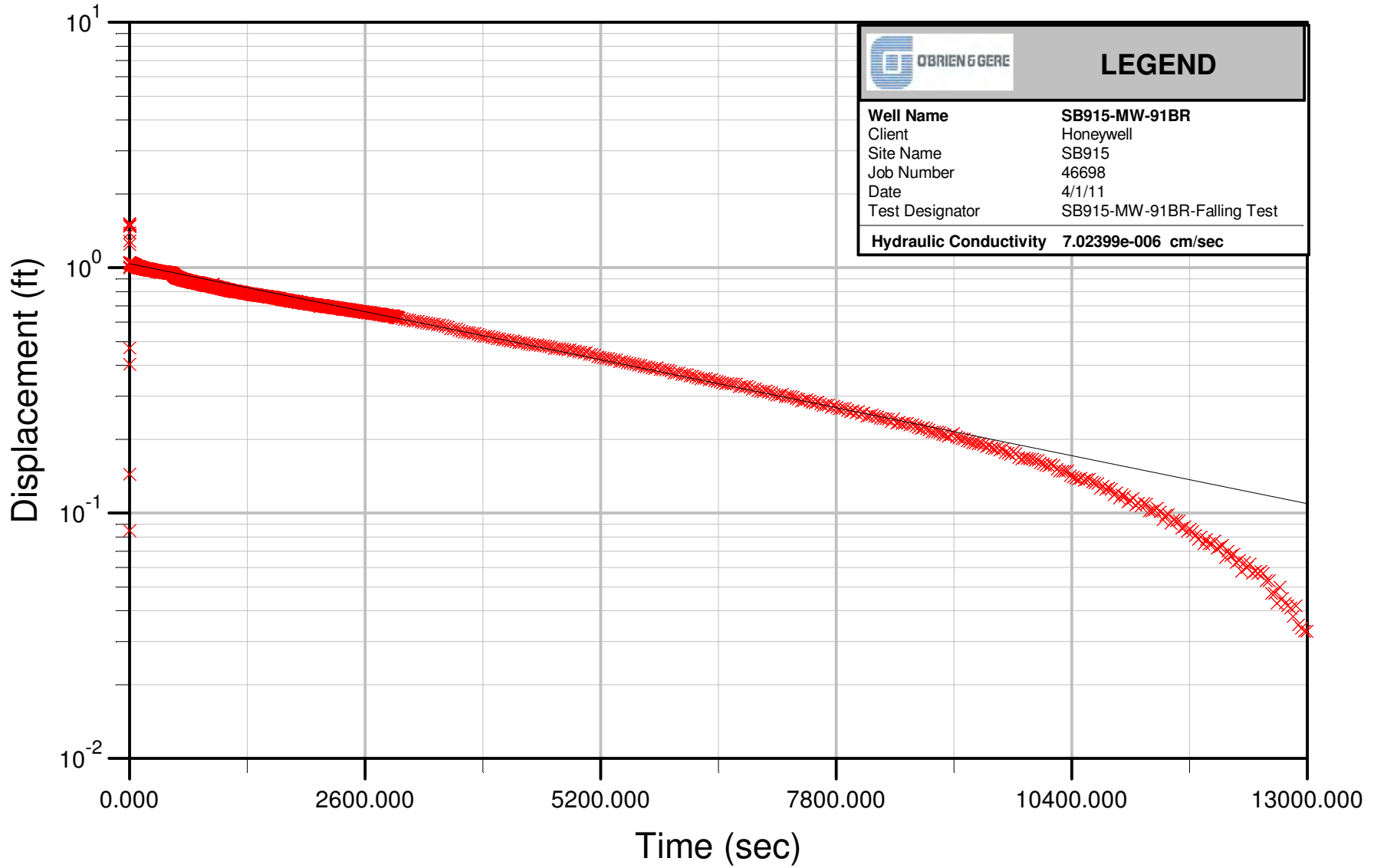
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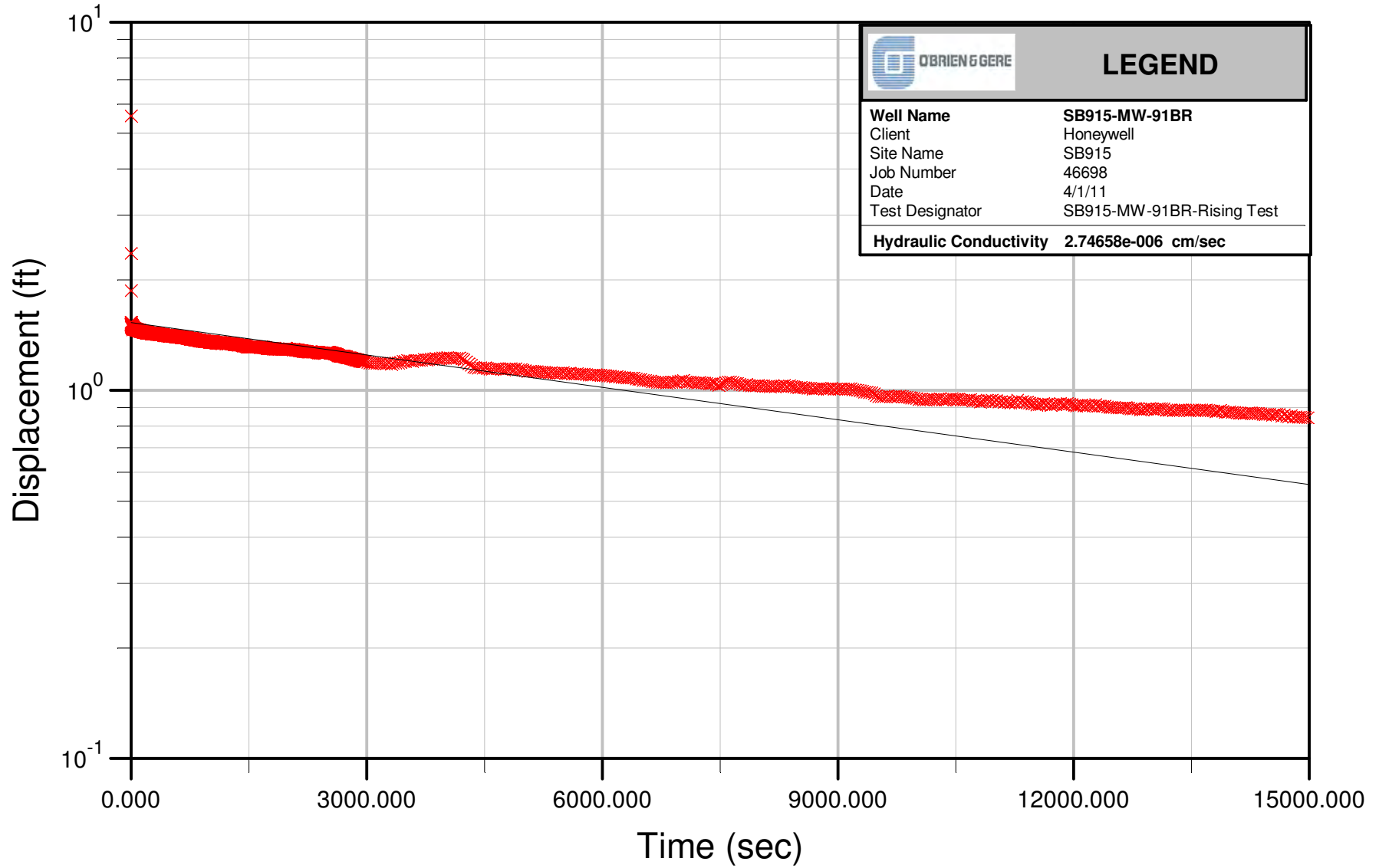
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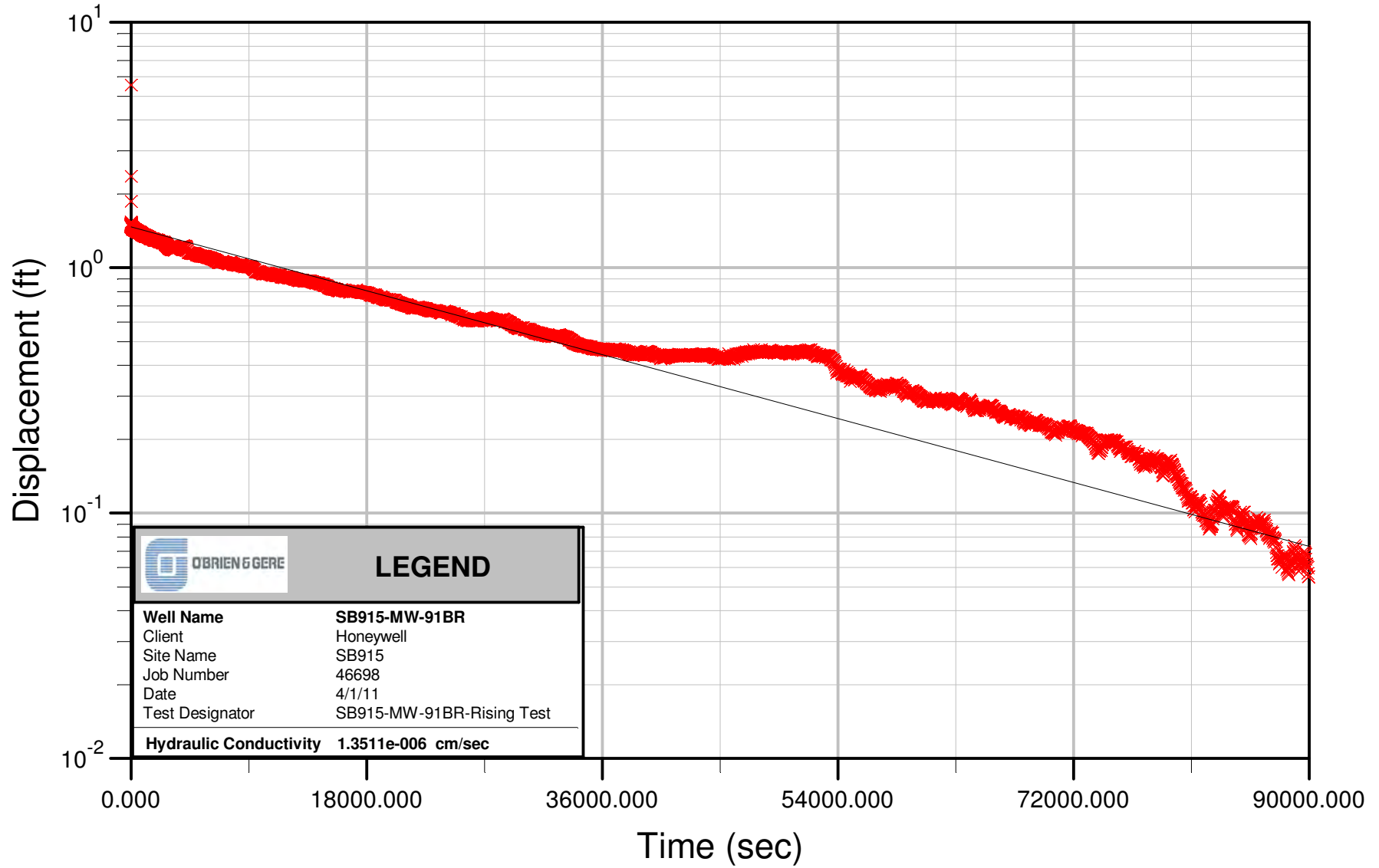
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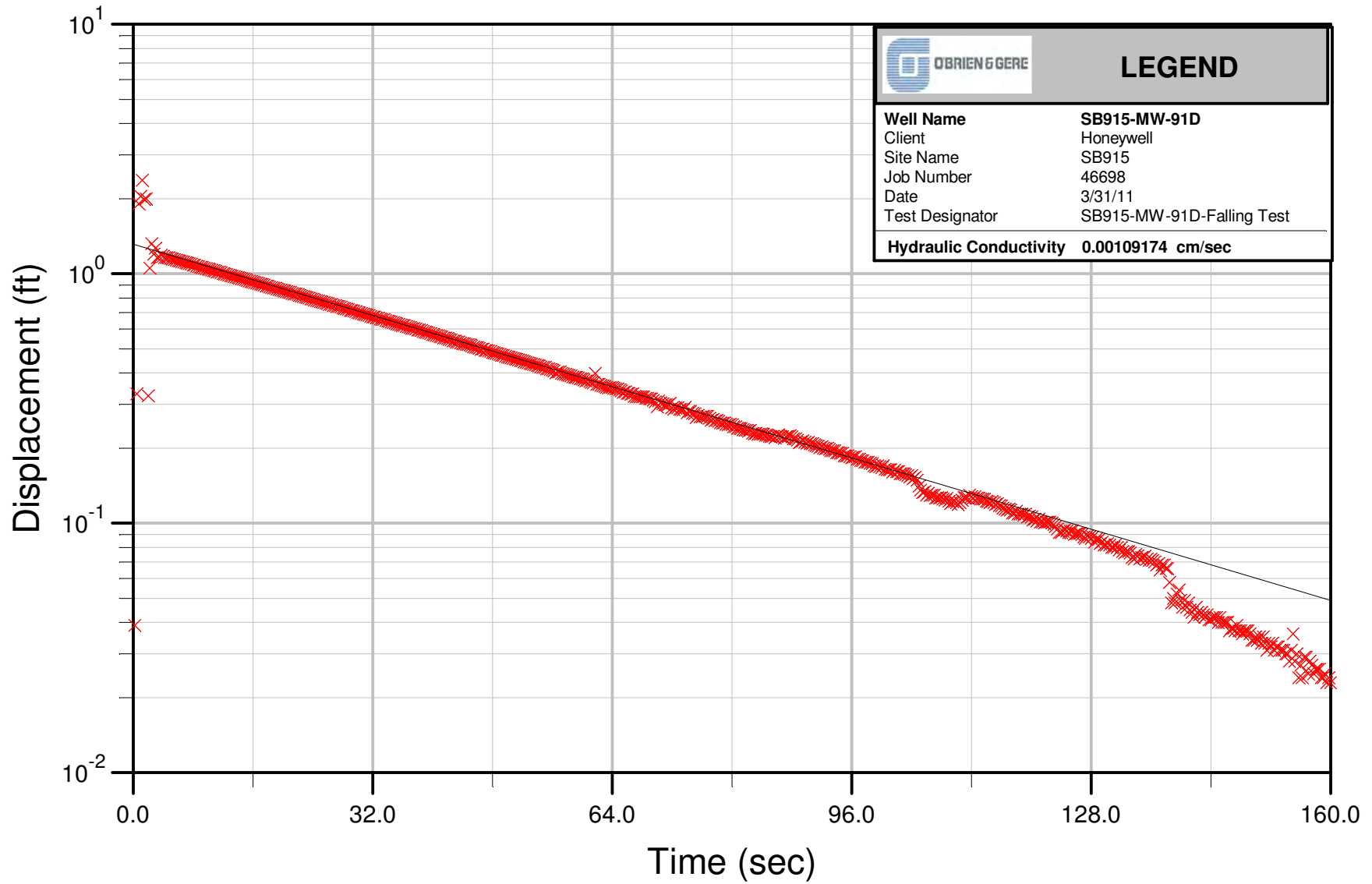
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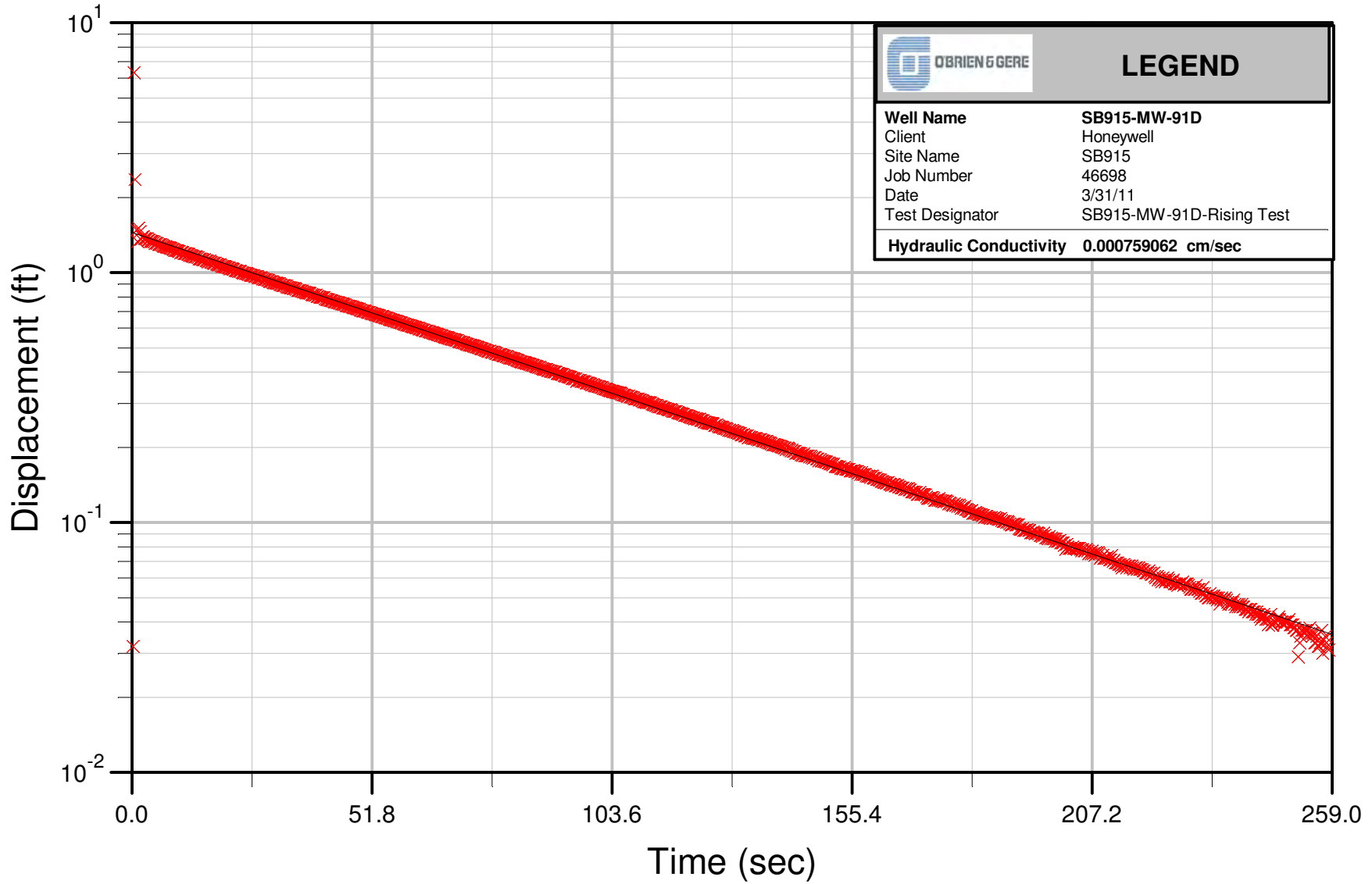
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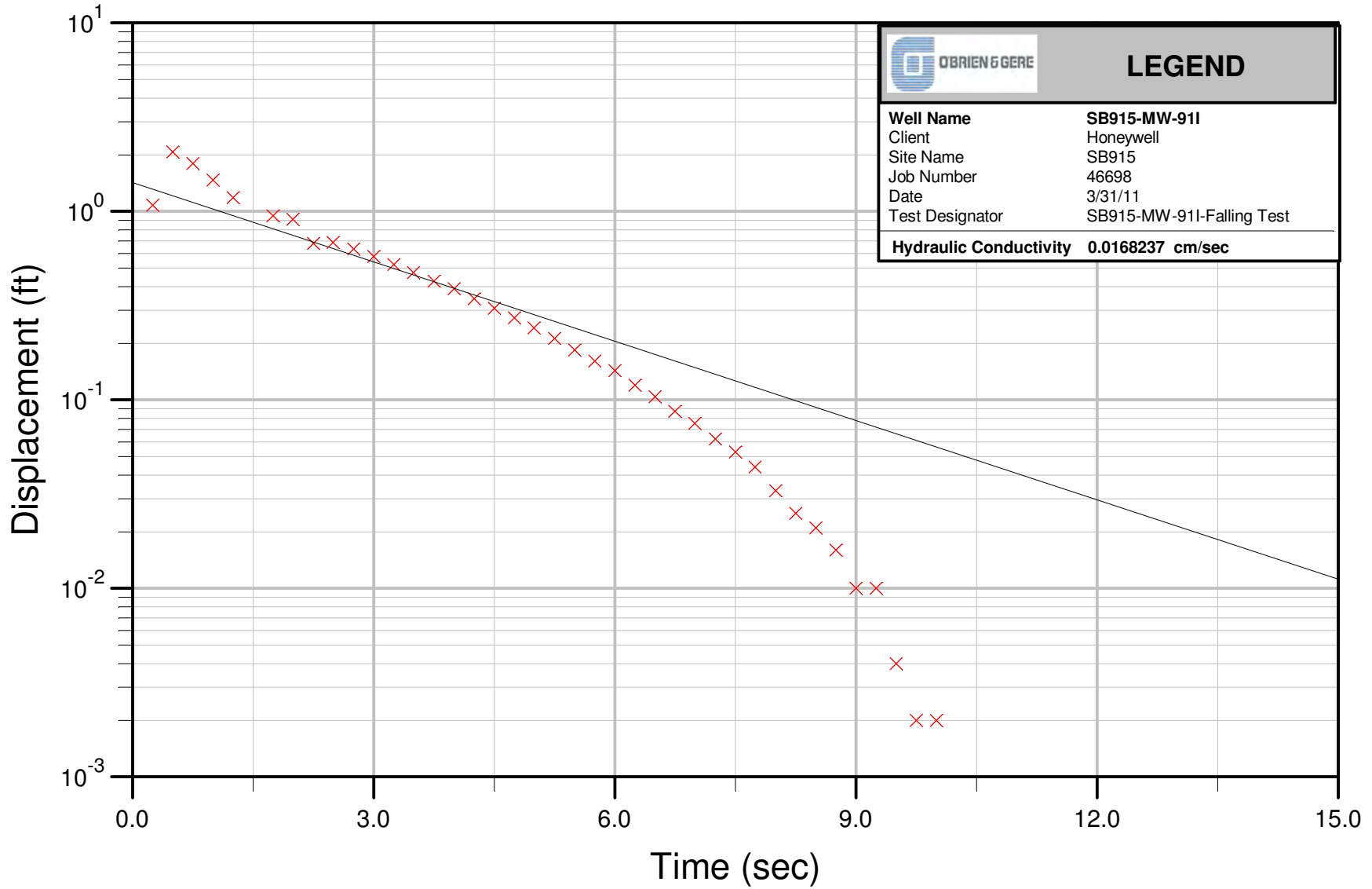
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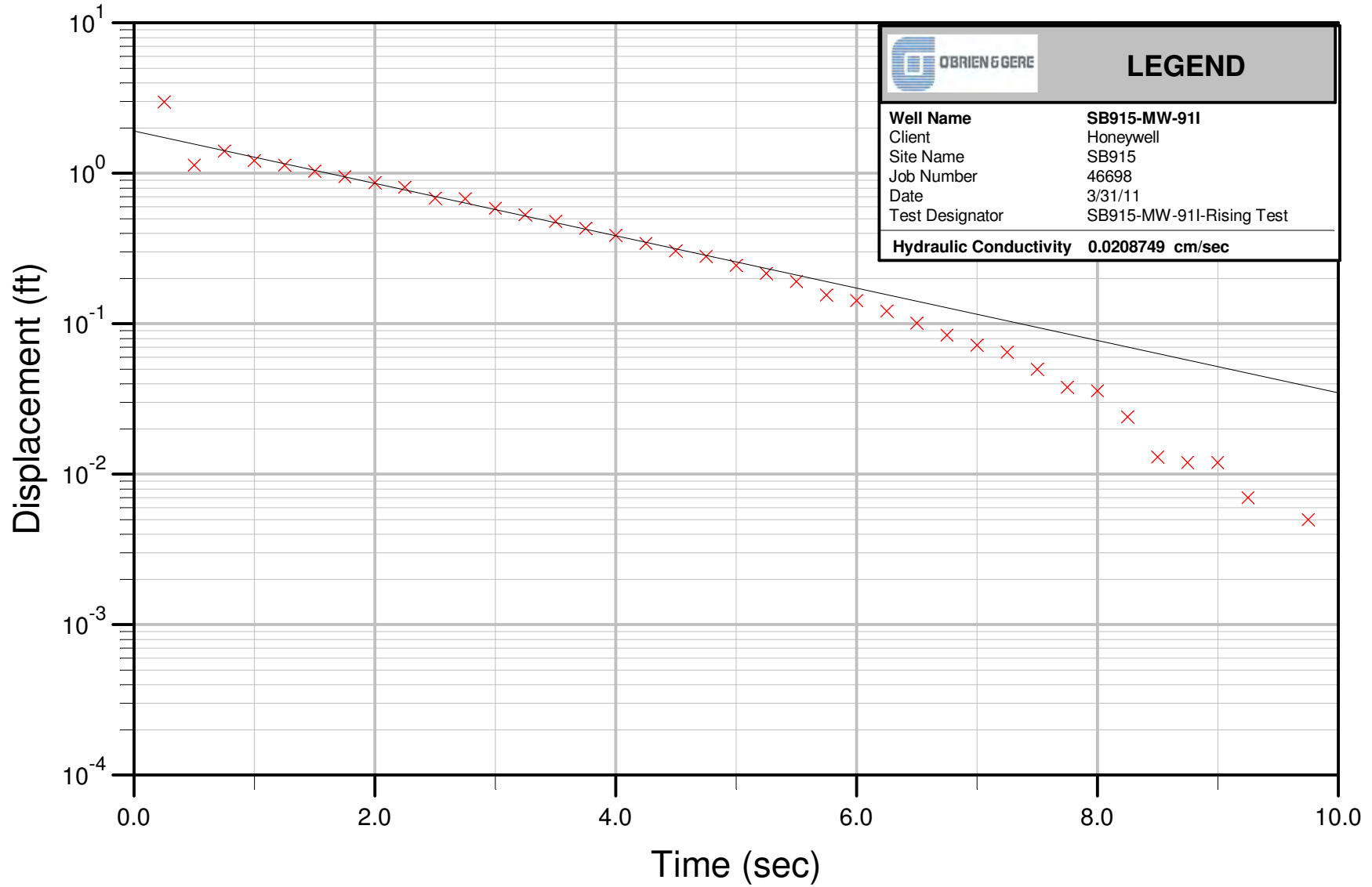
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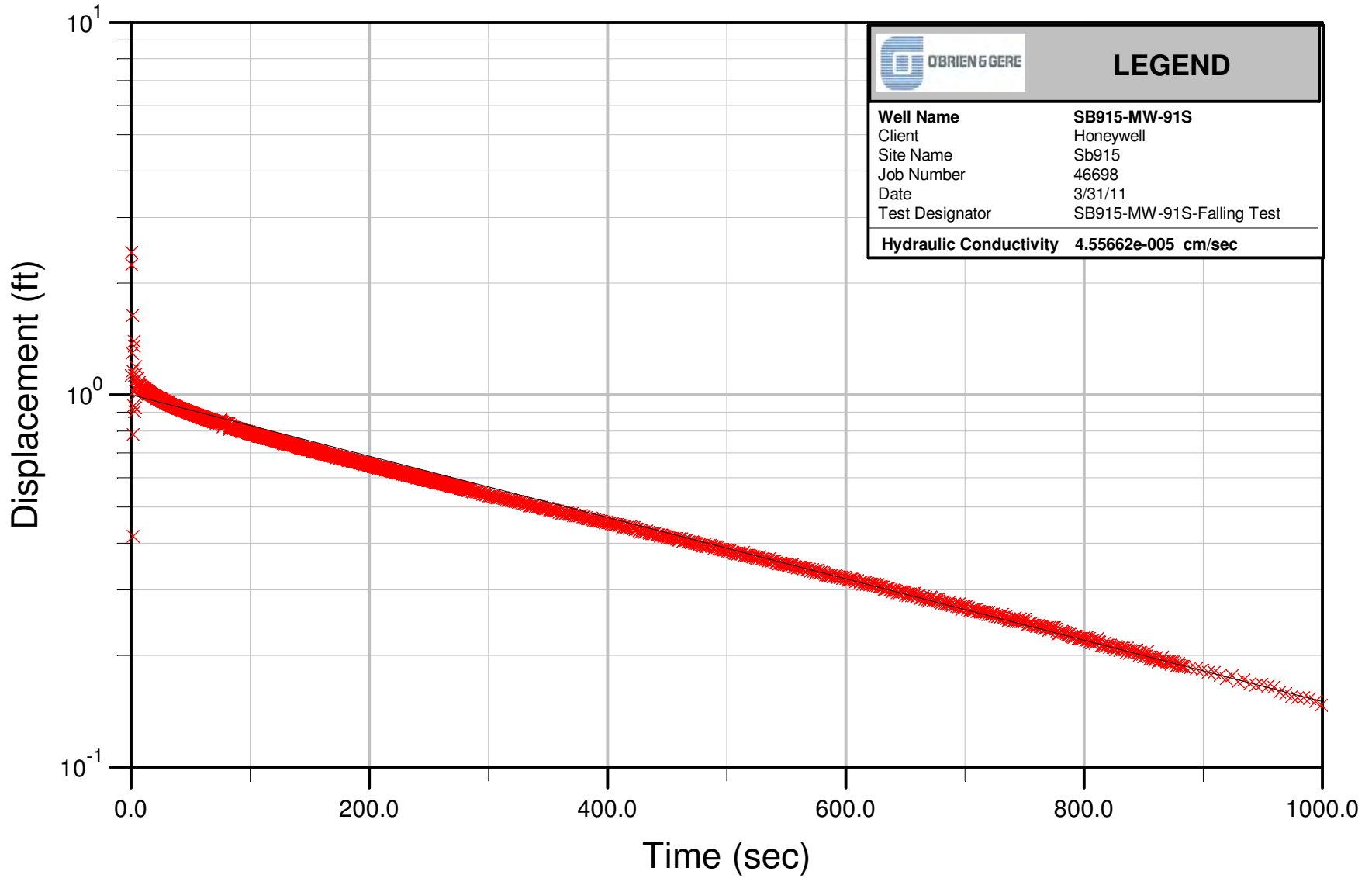
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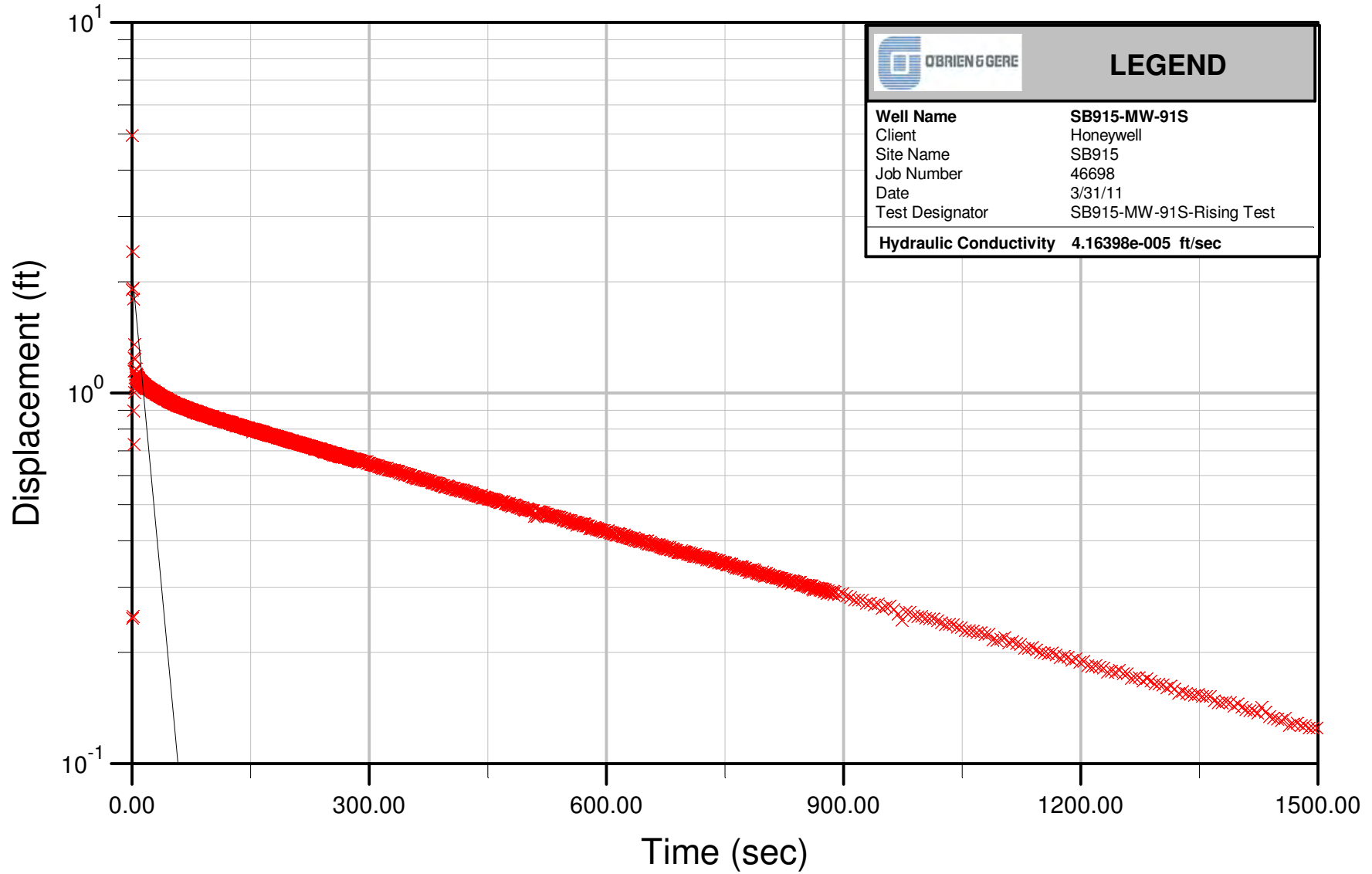
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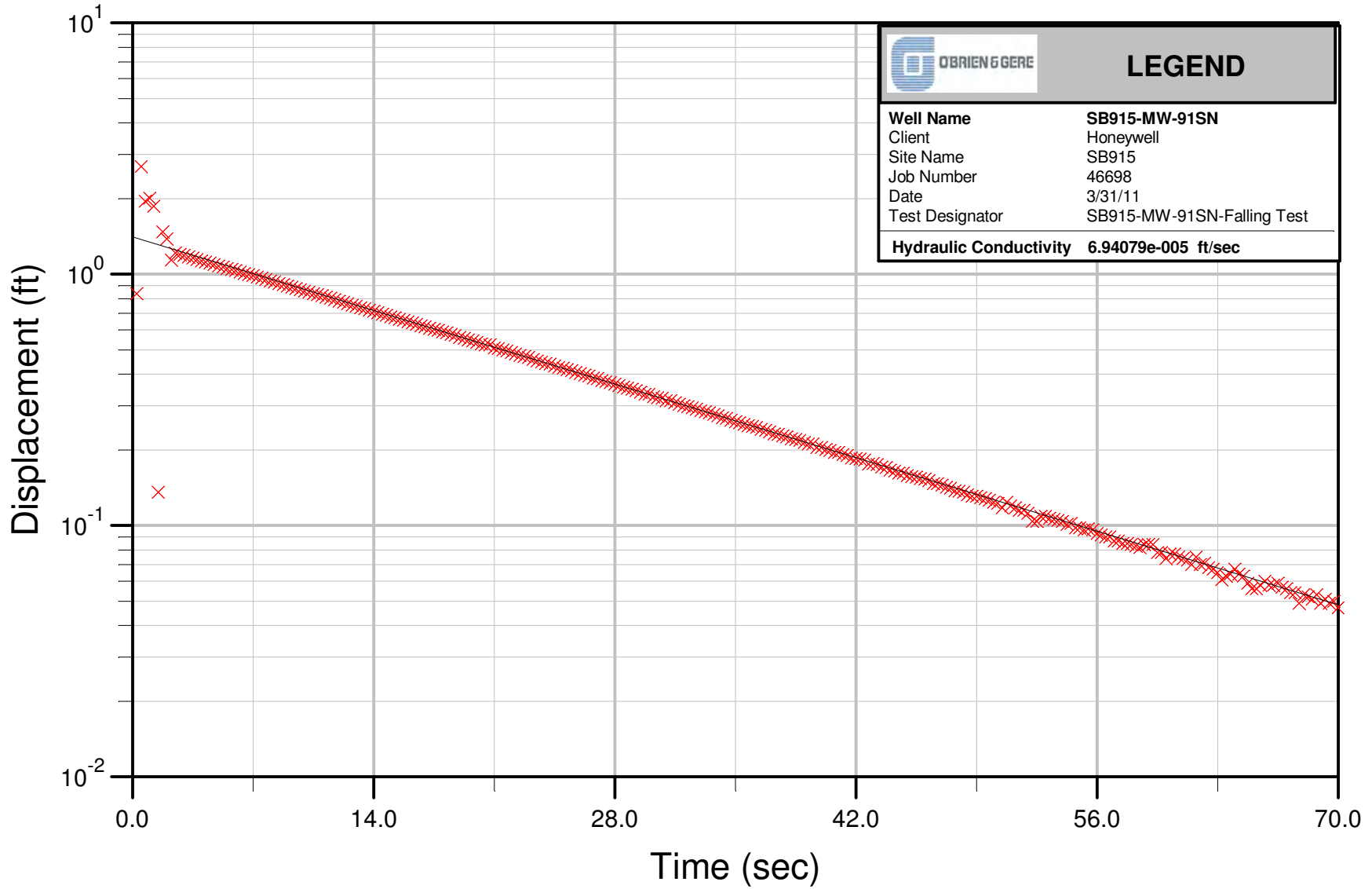
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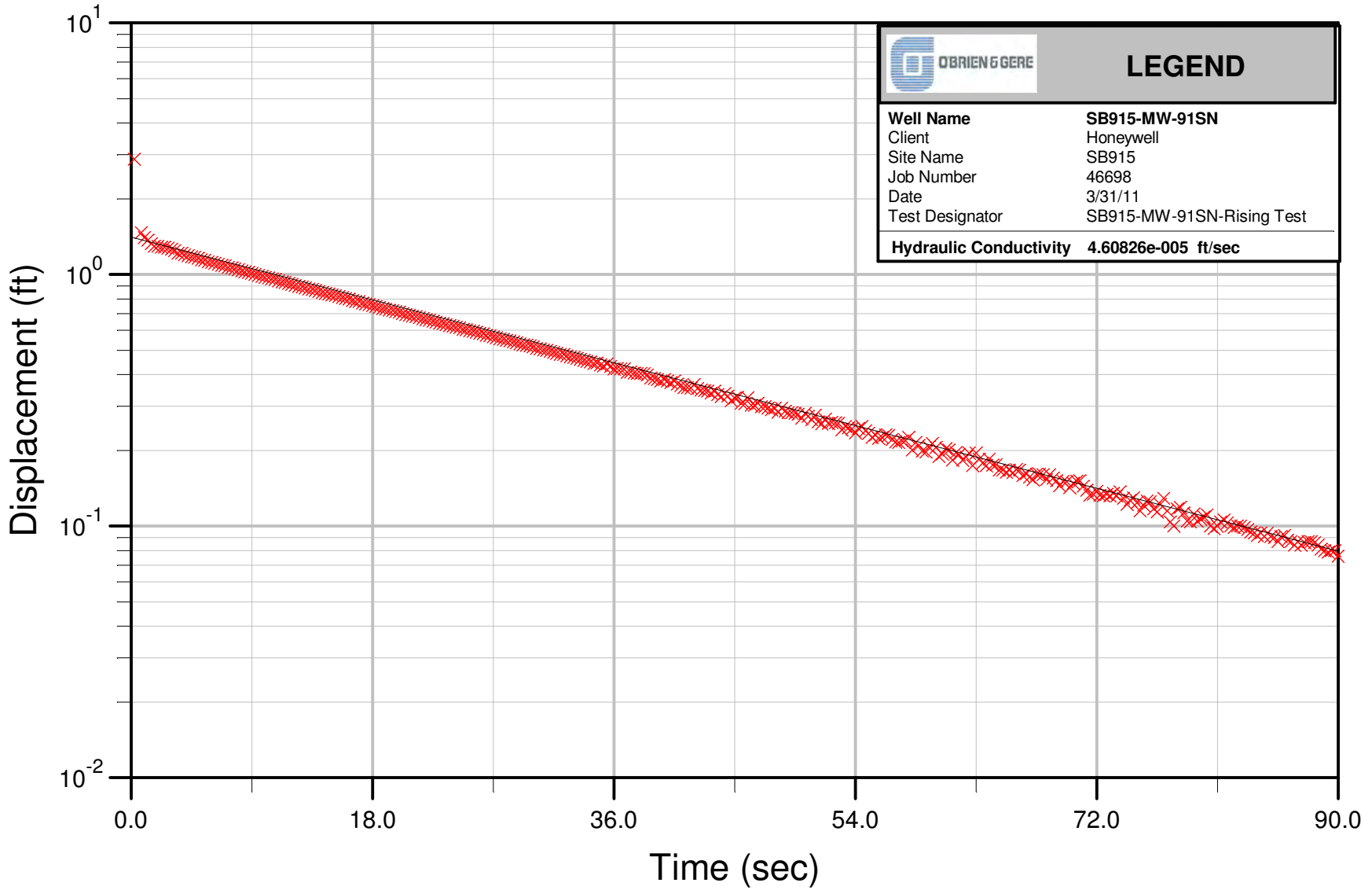
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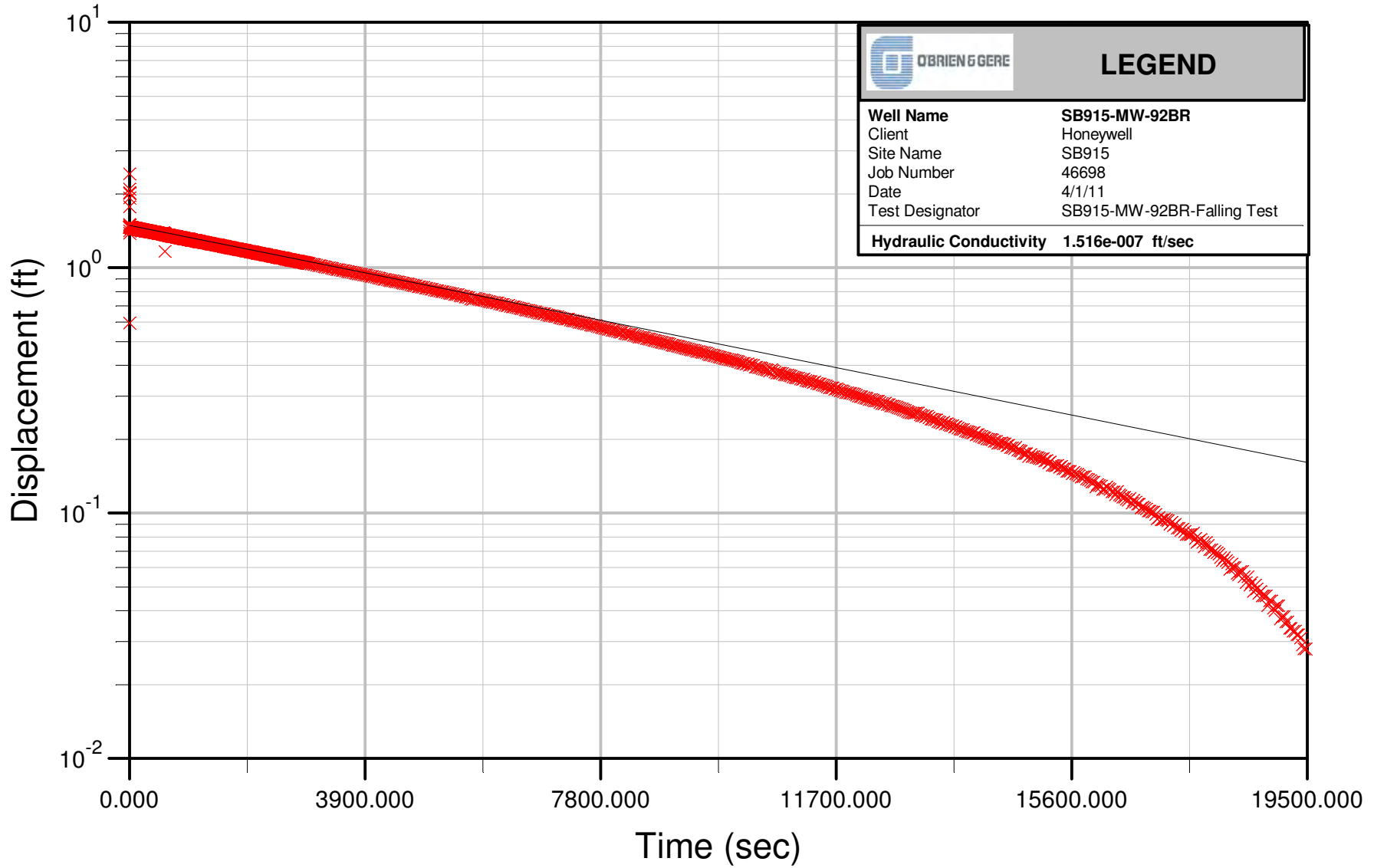
Bouwer & Rice



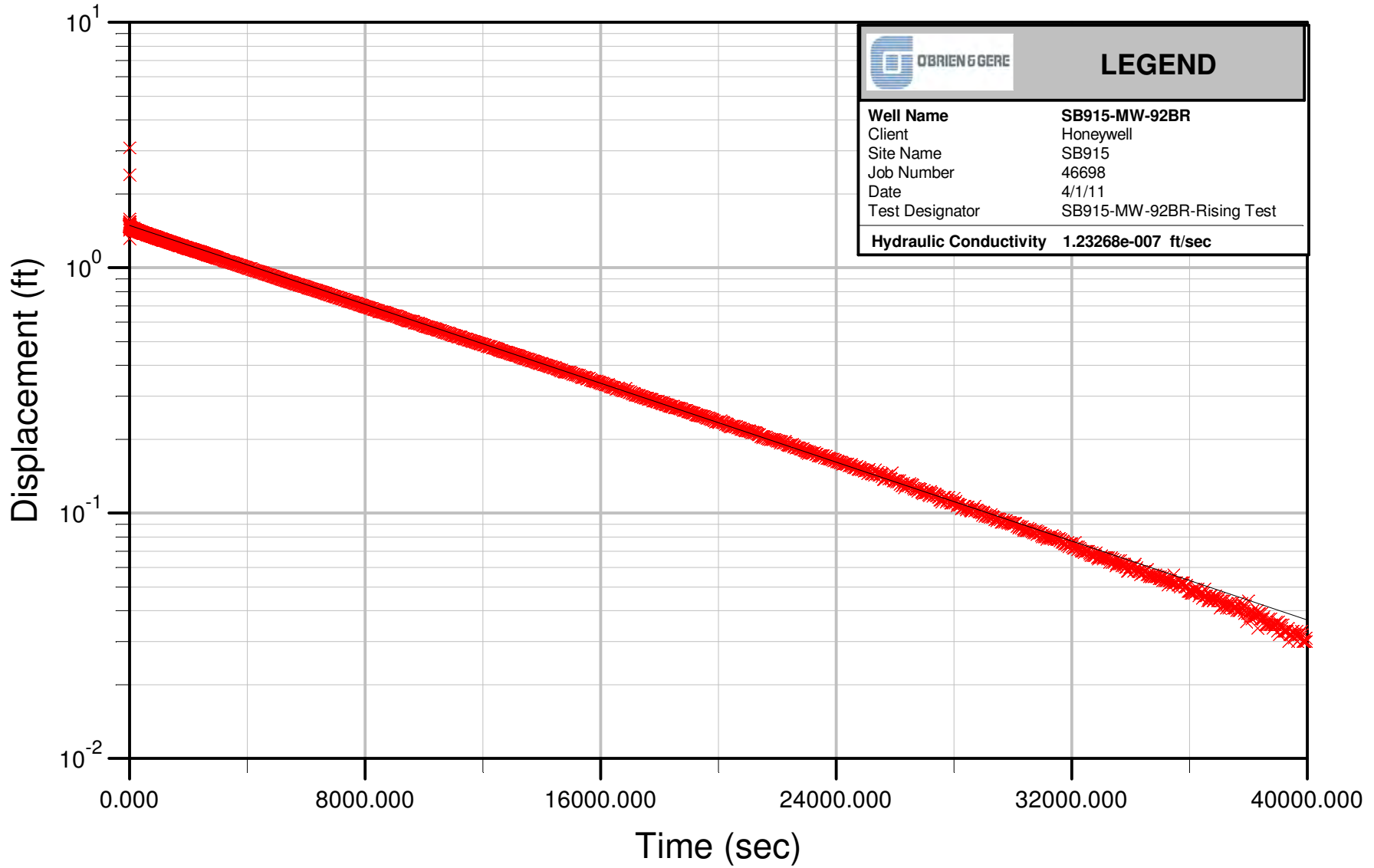
Bouwer & Rice



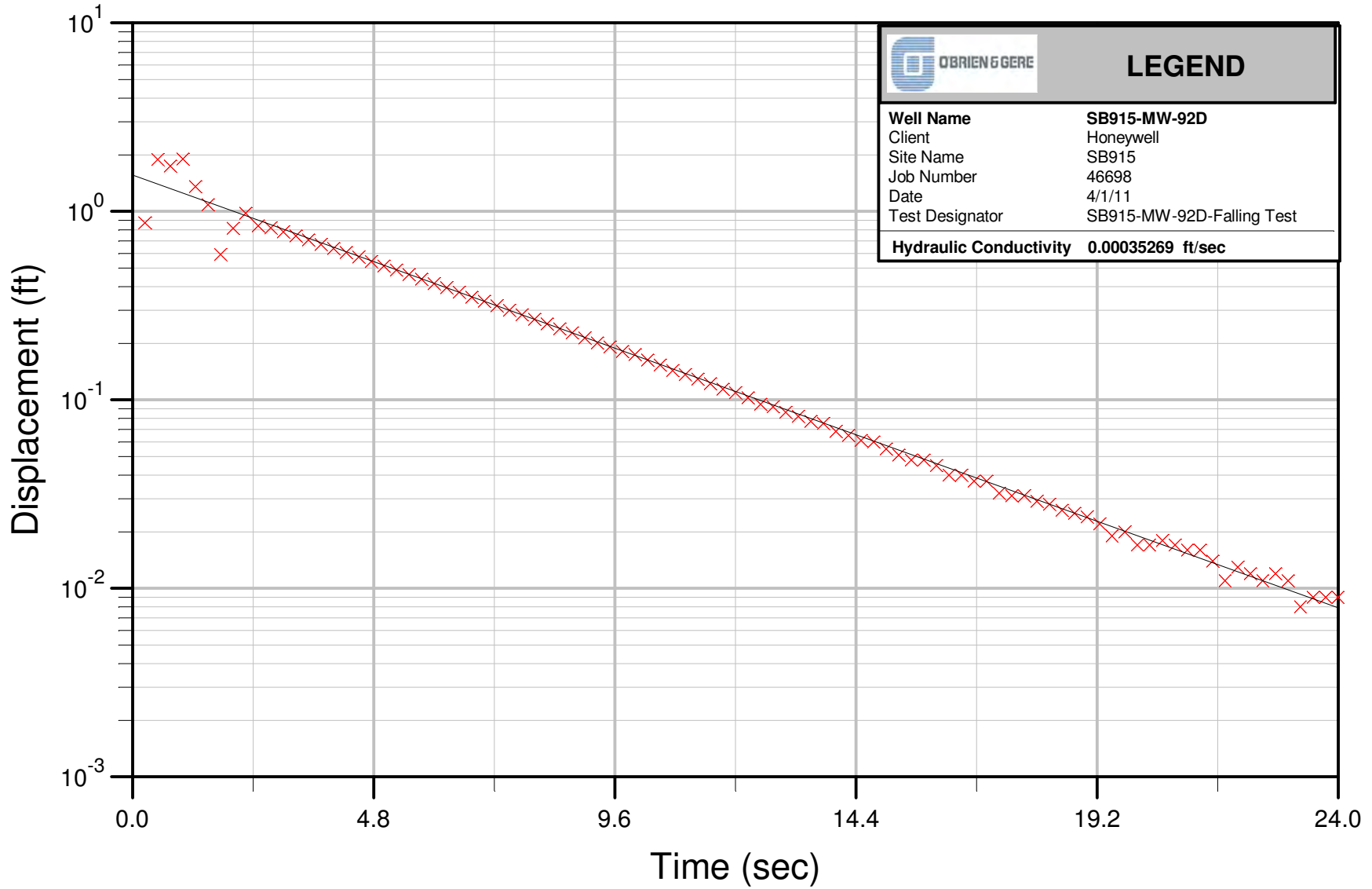
Bouwer & Rice



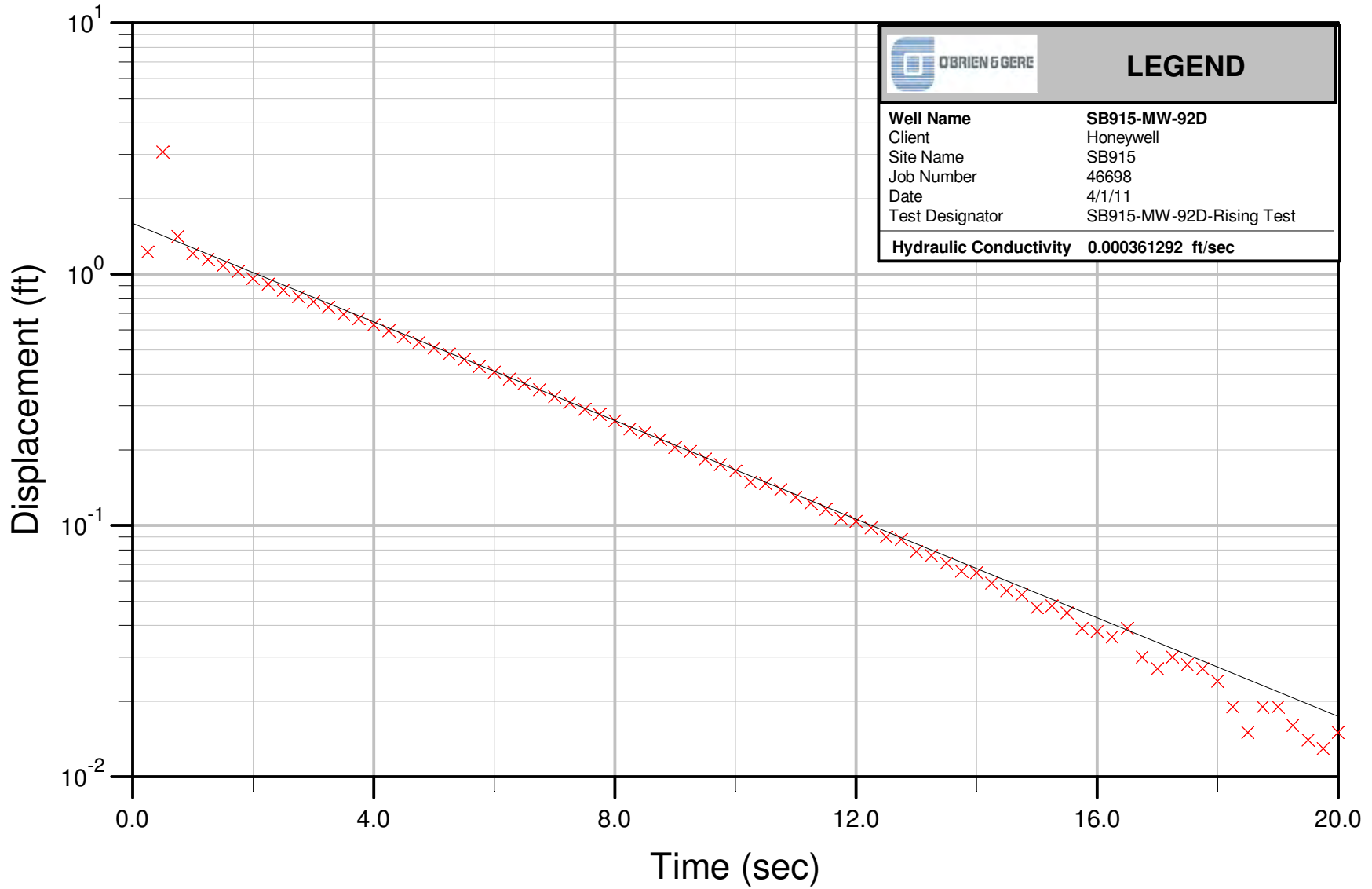
Bouwer & Rice



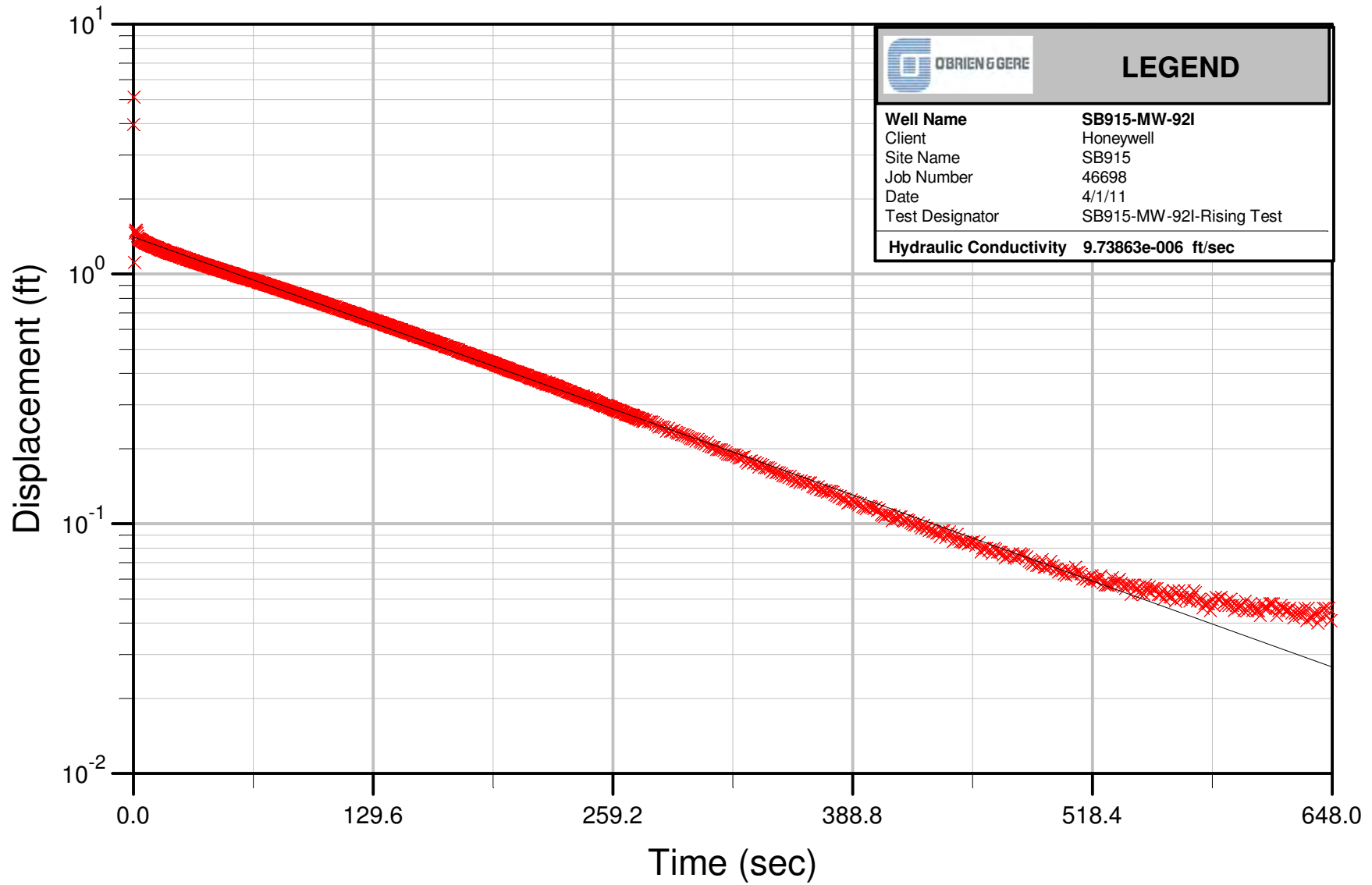
Bouwer & Rice



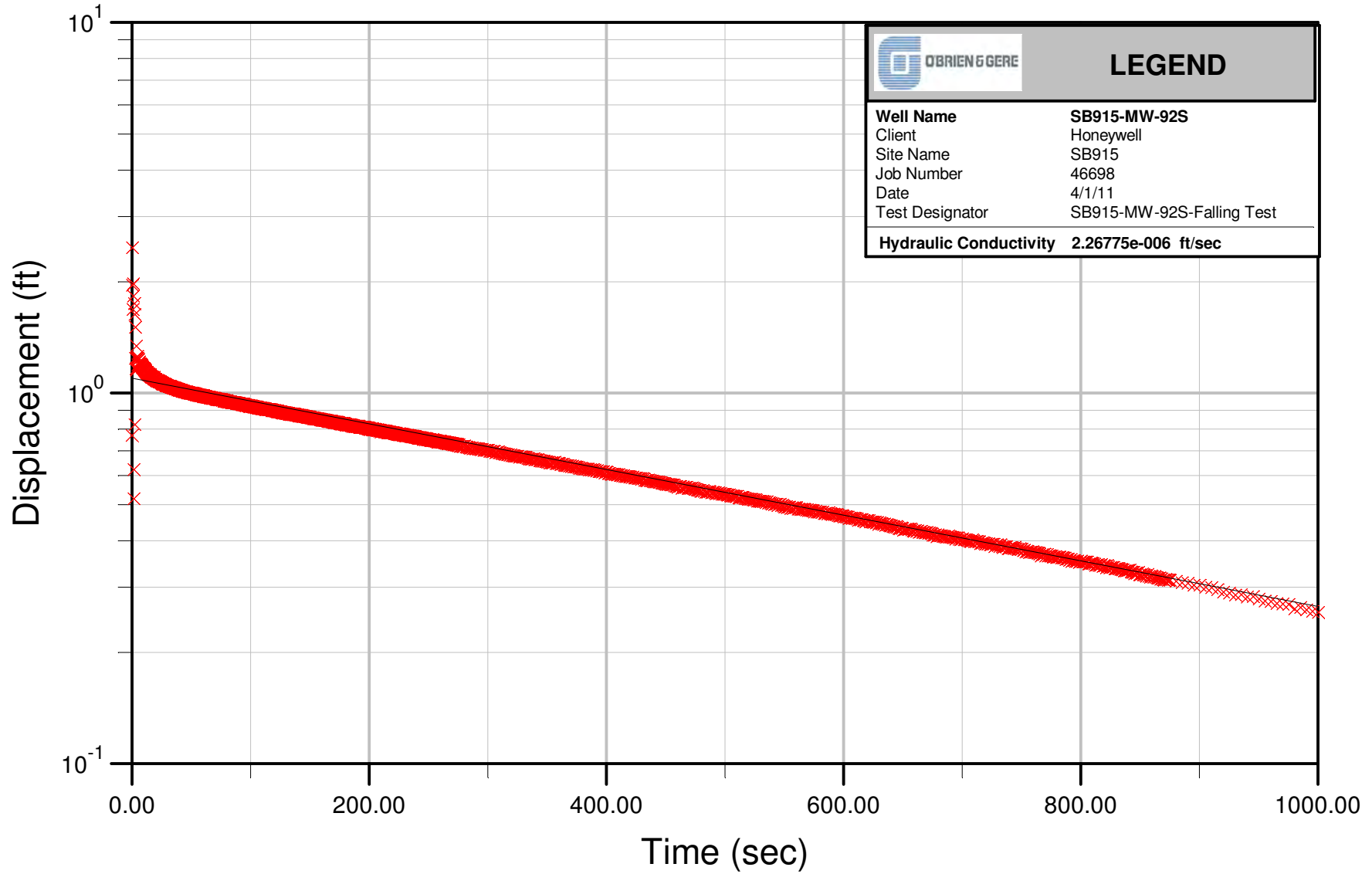
Bouwer & Rice



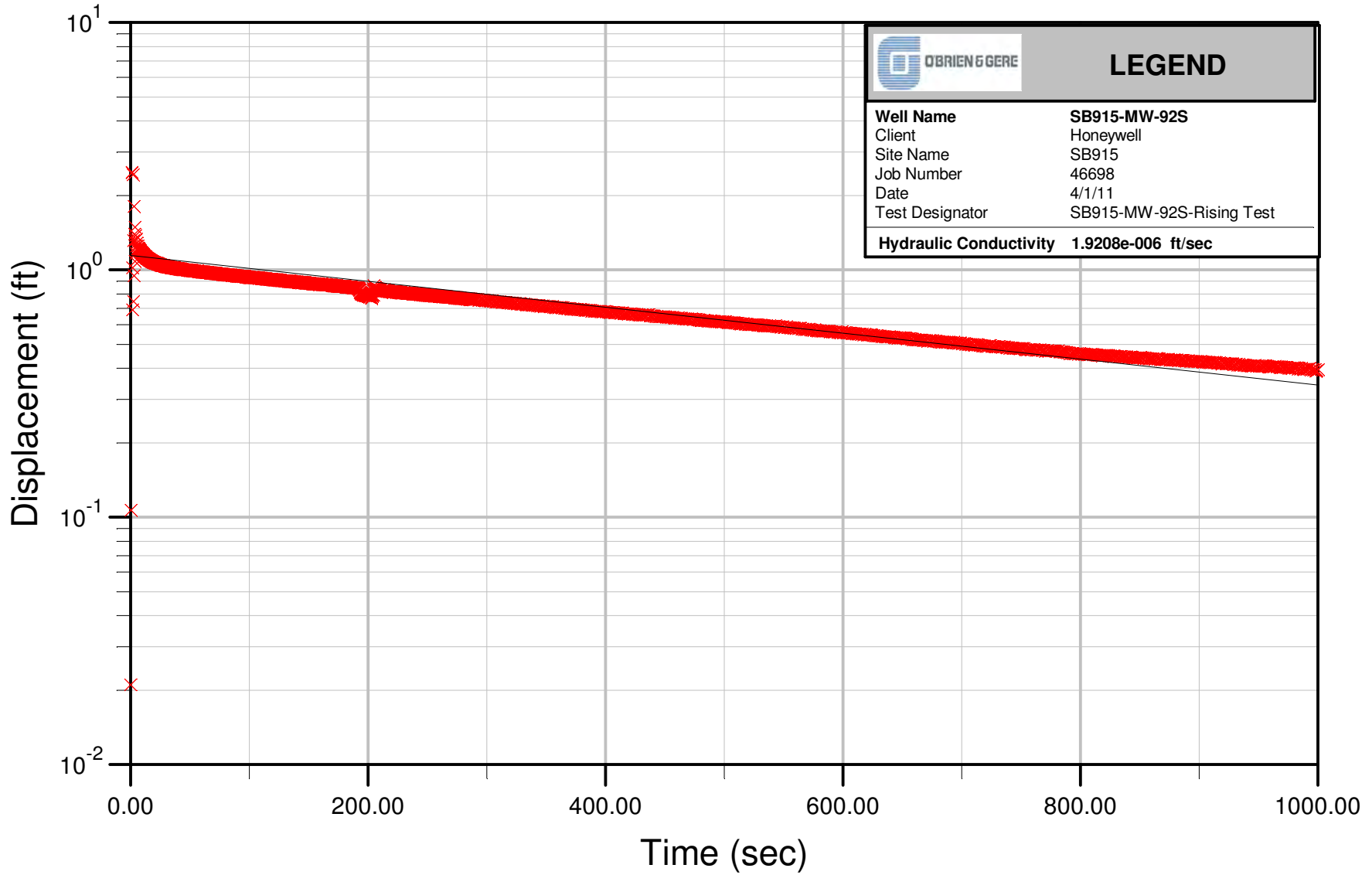
Bouwer & Rice



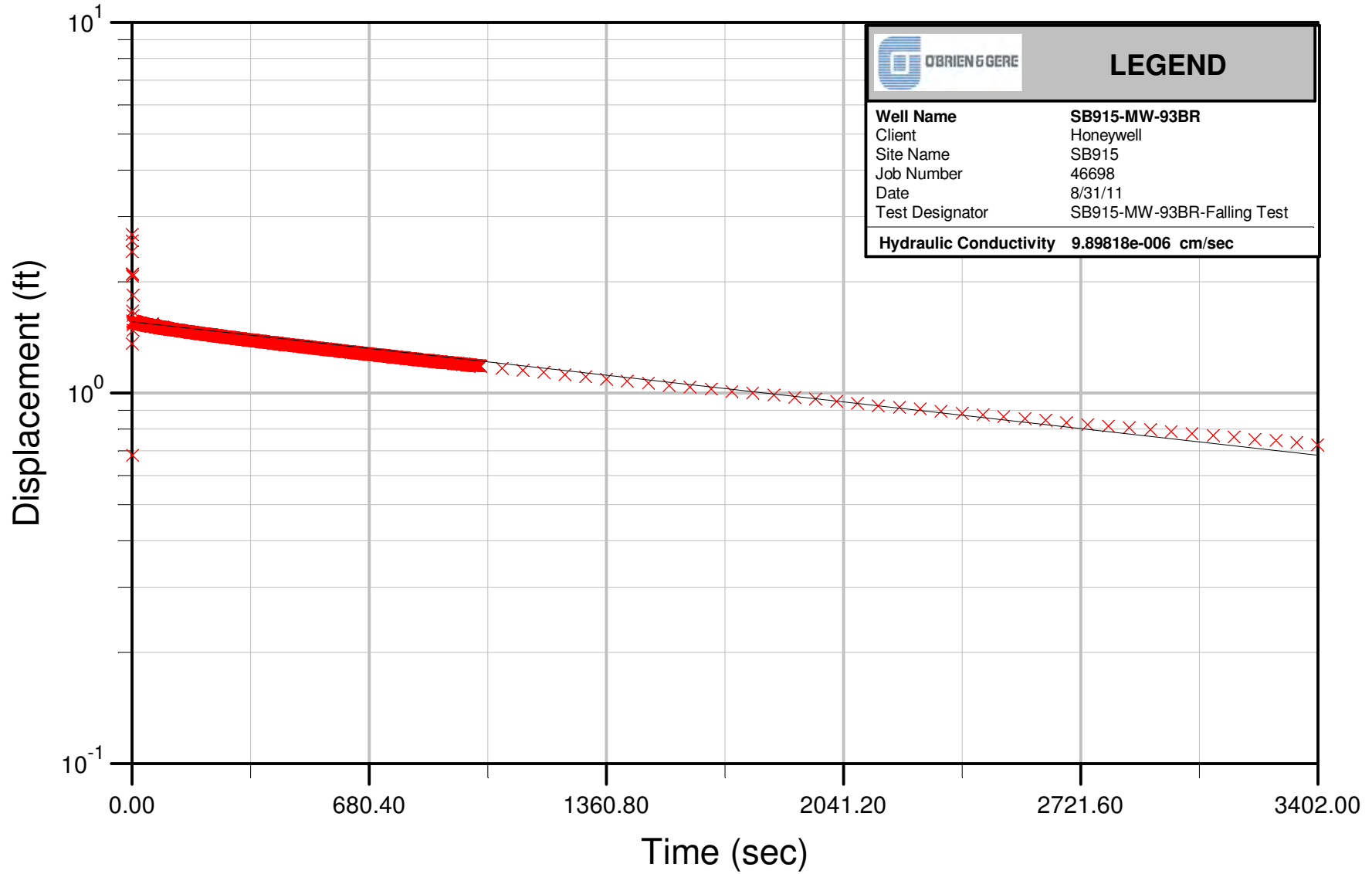
Bouwer & Rice



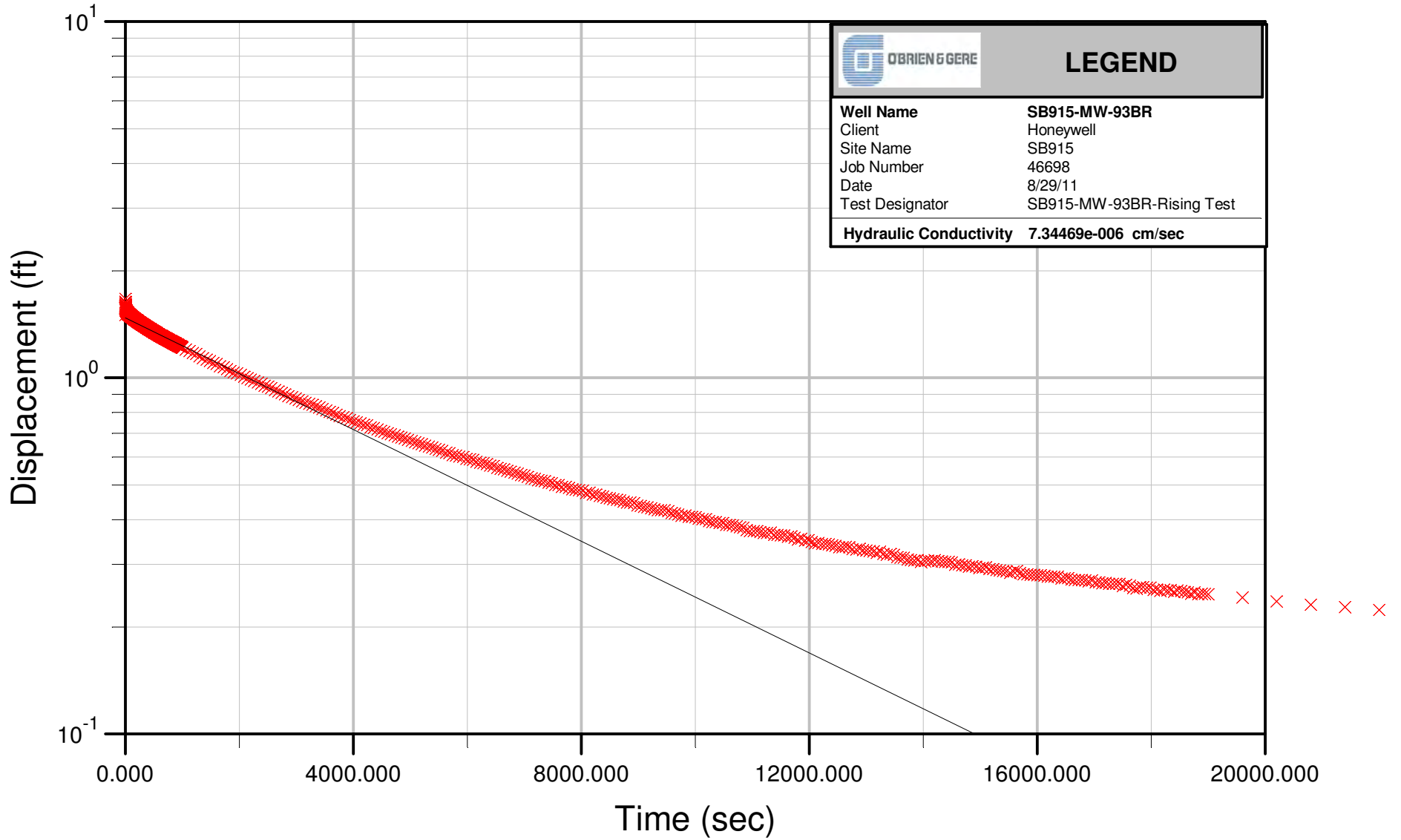
Bouwer & Rice



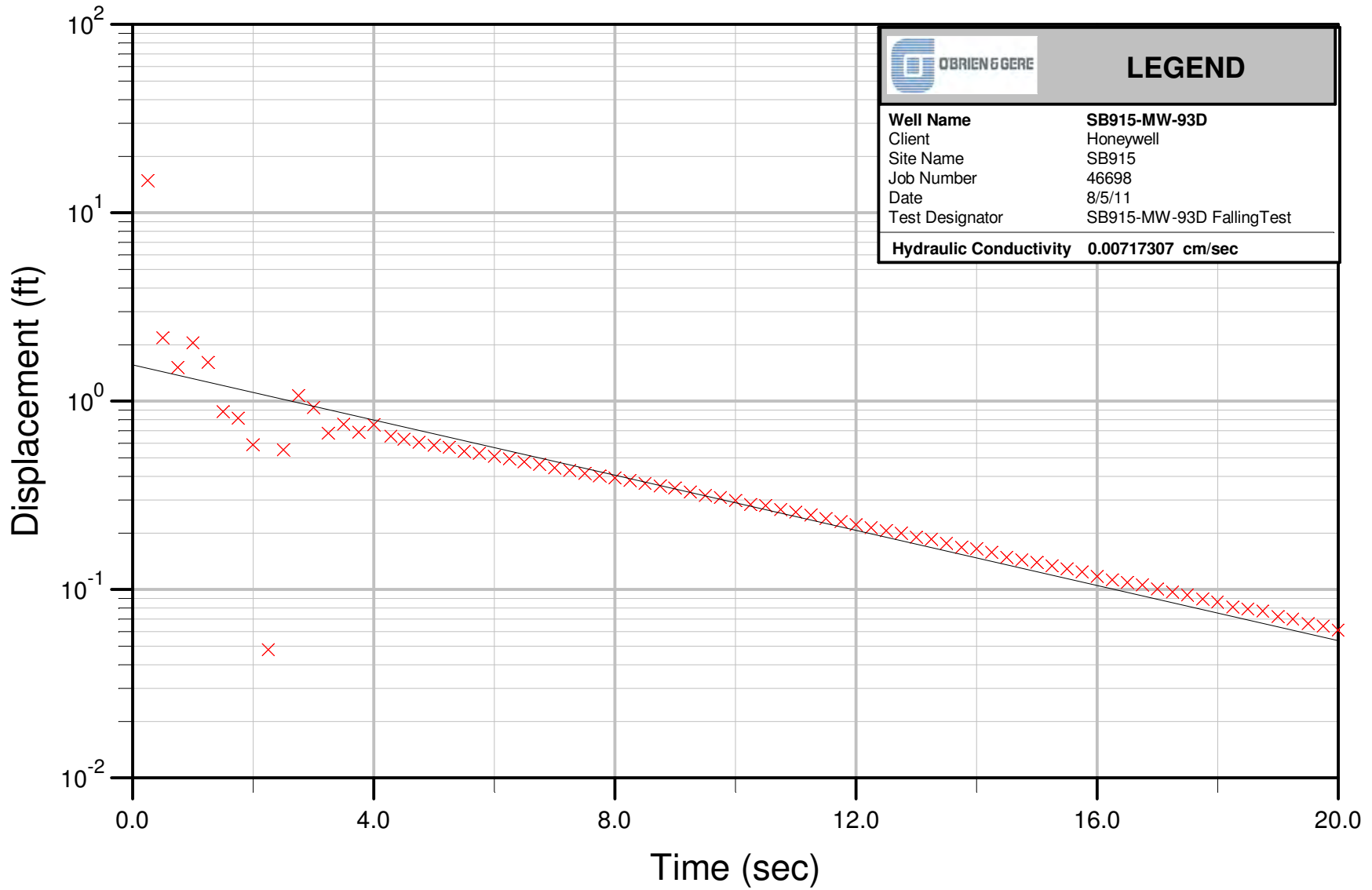
Bouwer & Rice



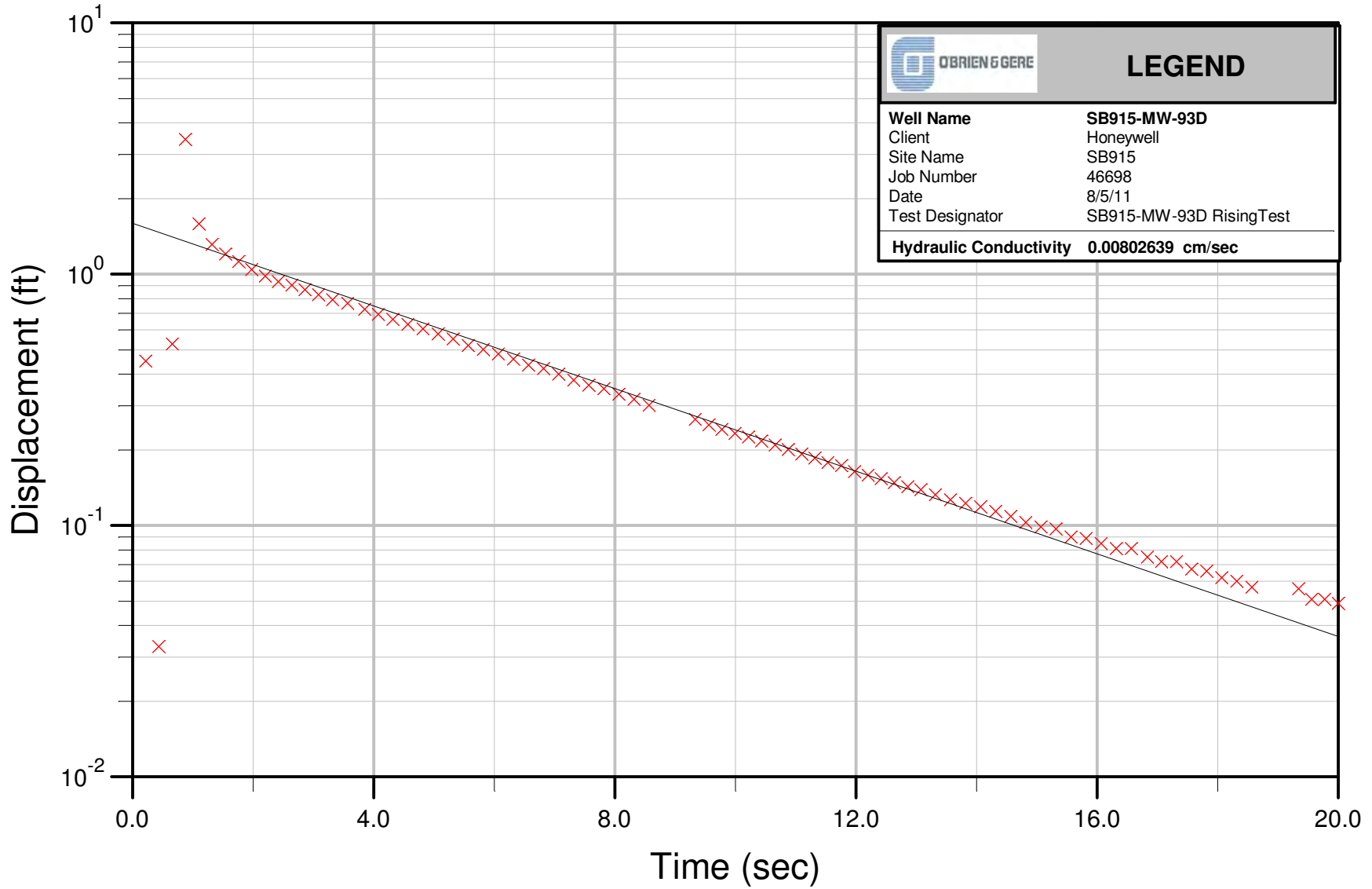
Bouwer & Rice



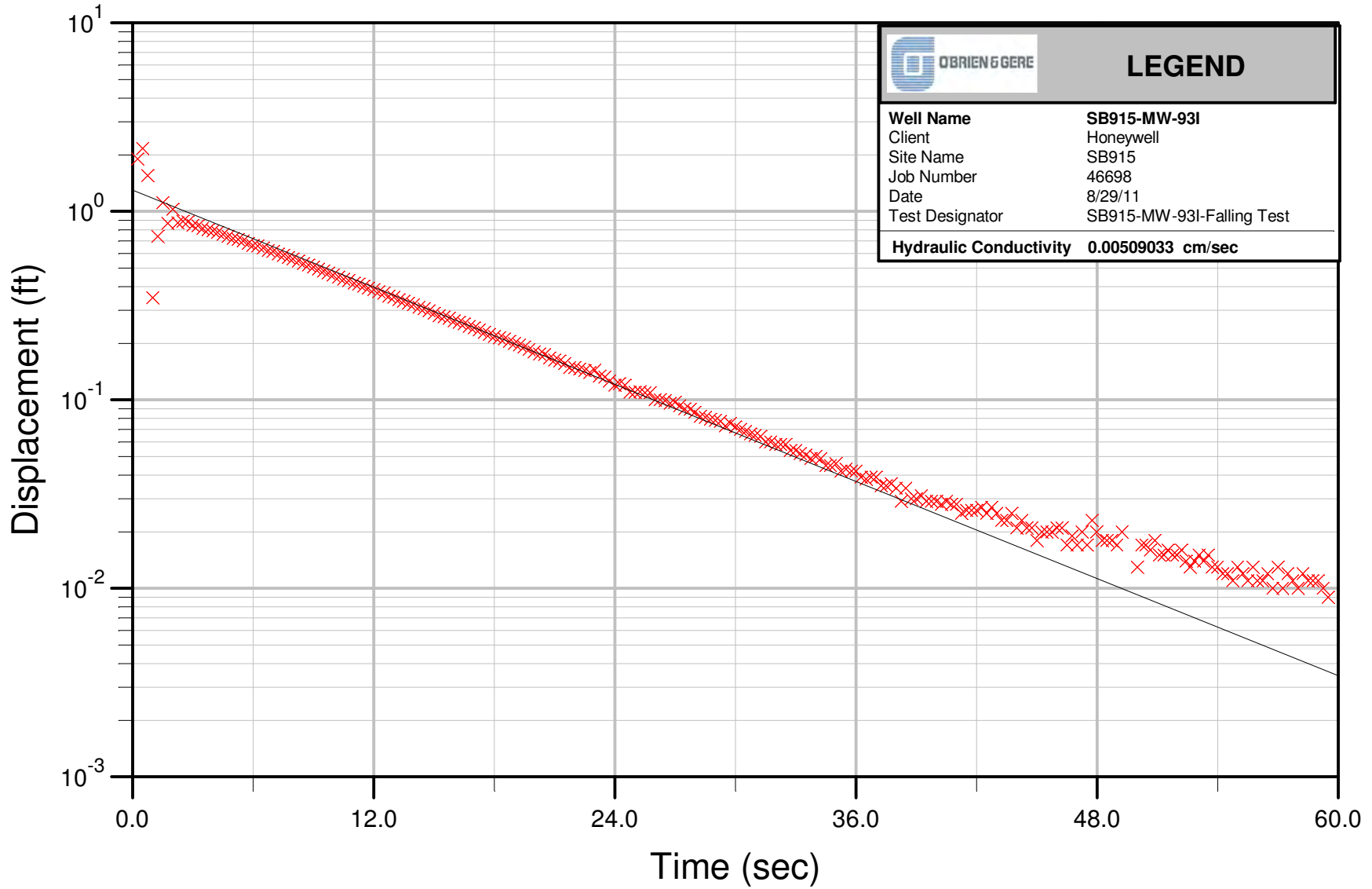
Bouwer & Rice



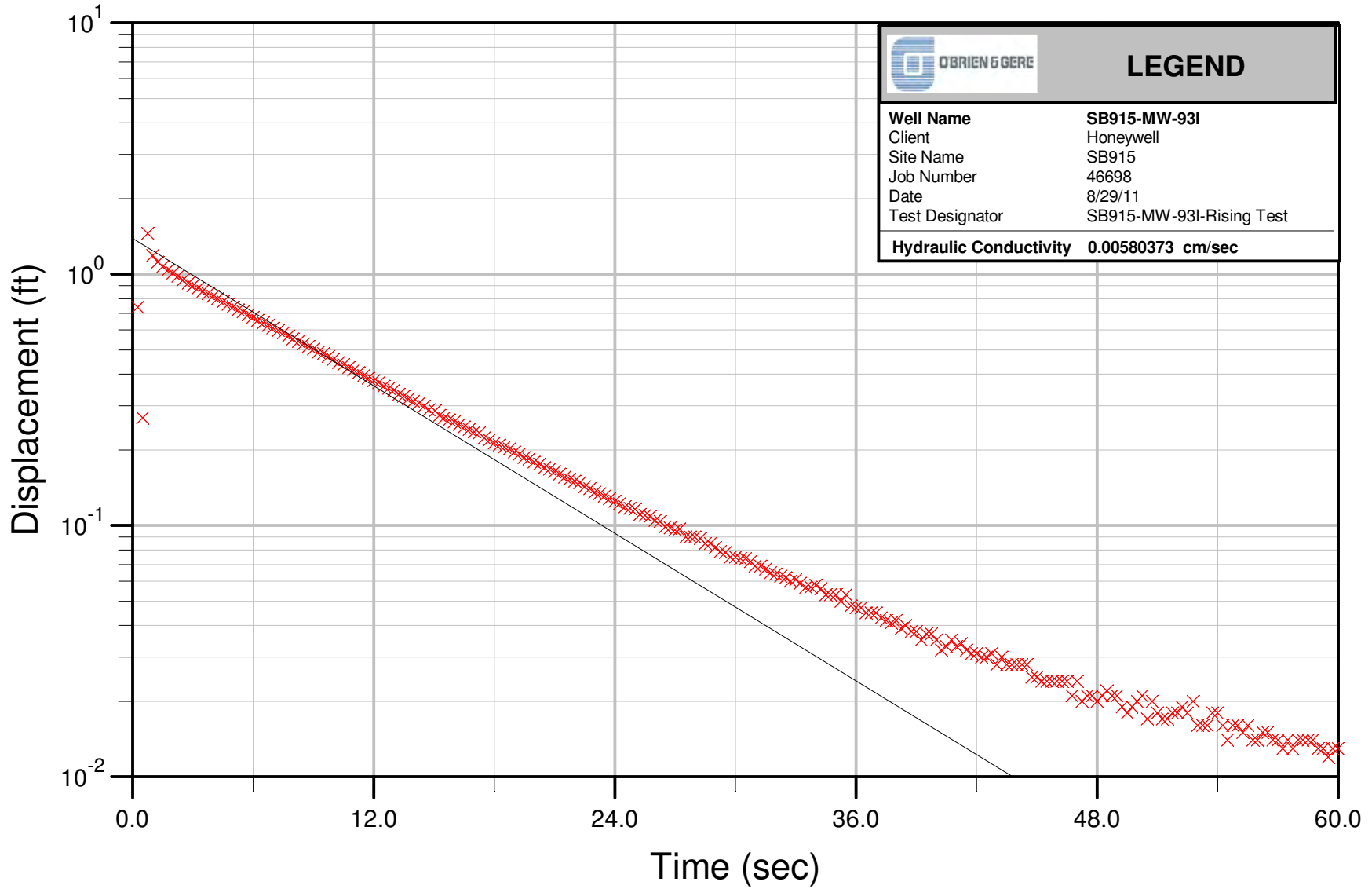
Bouwer & Rice



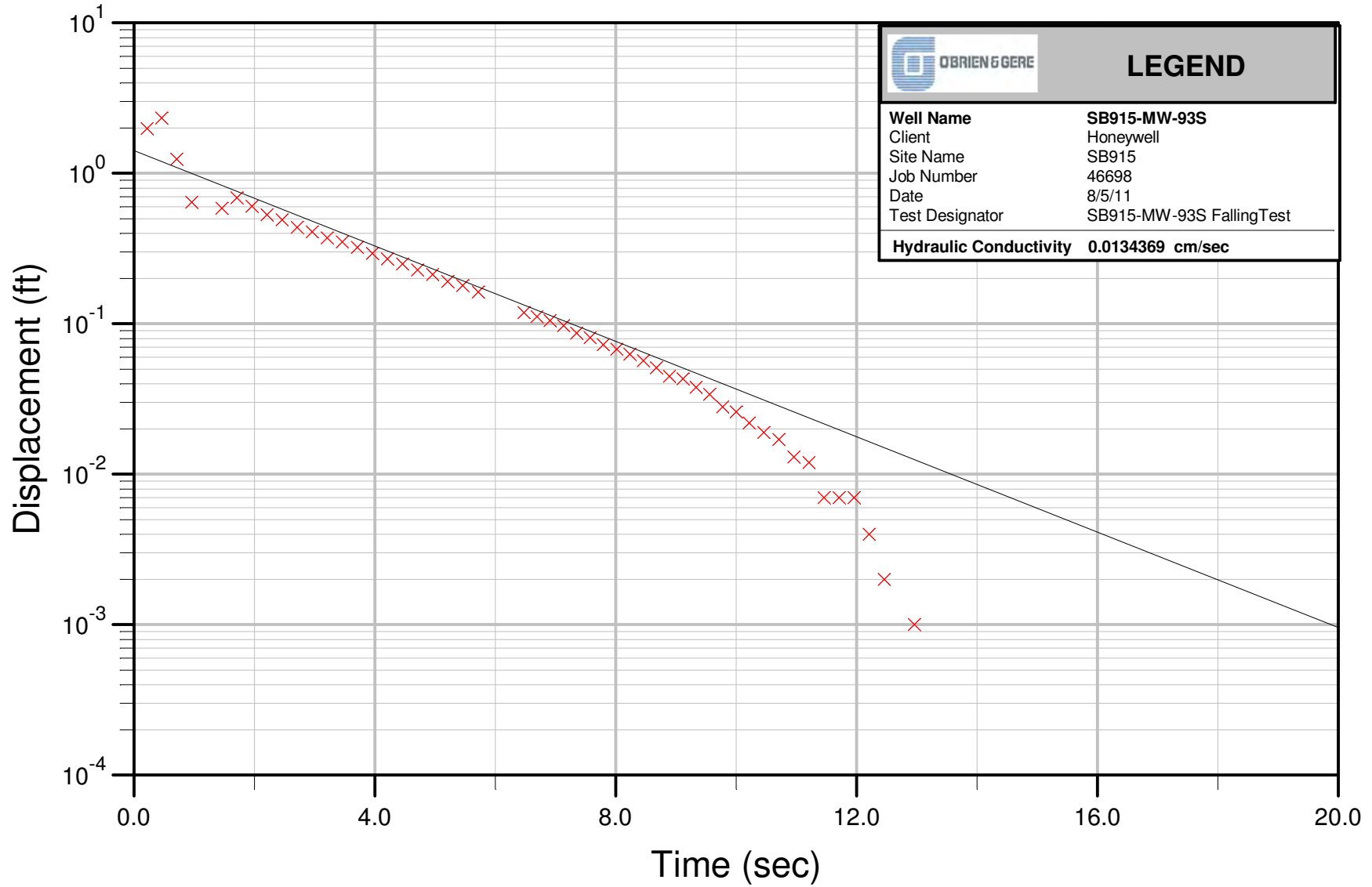
Bouwer & Rice



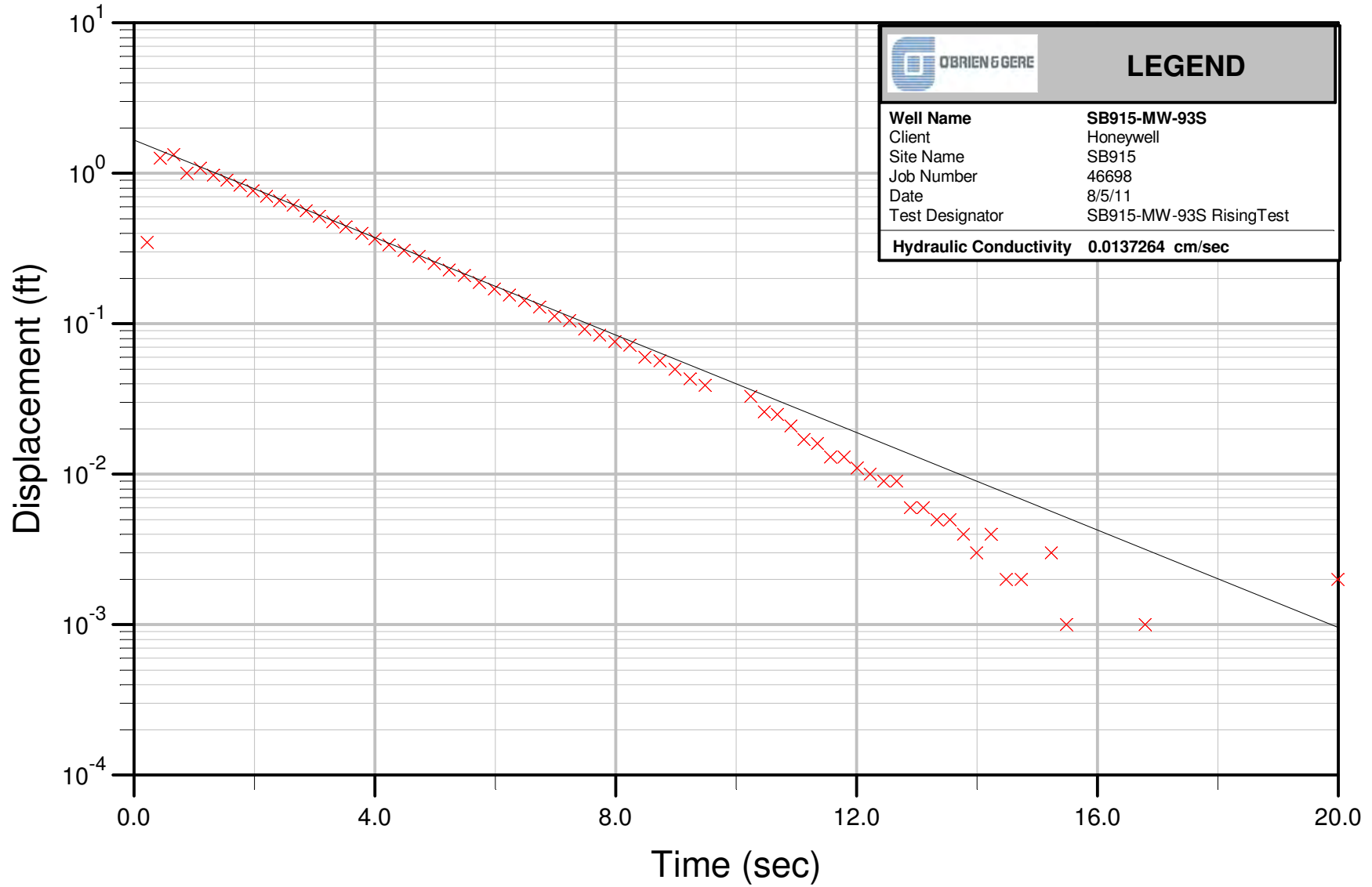
Bouwer & Rice



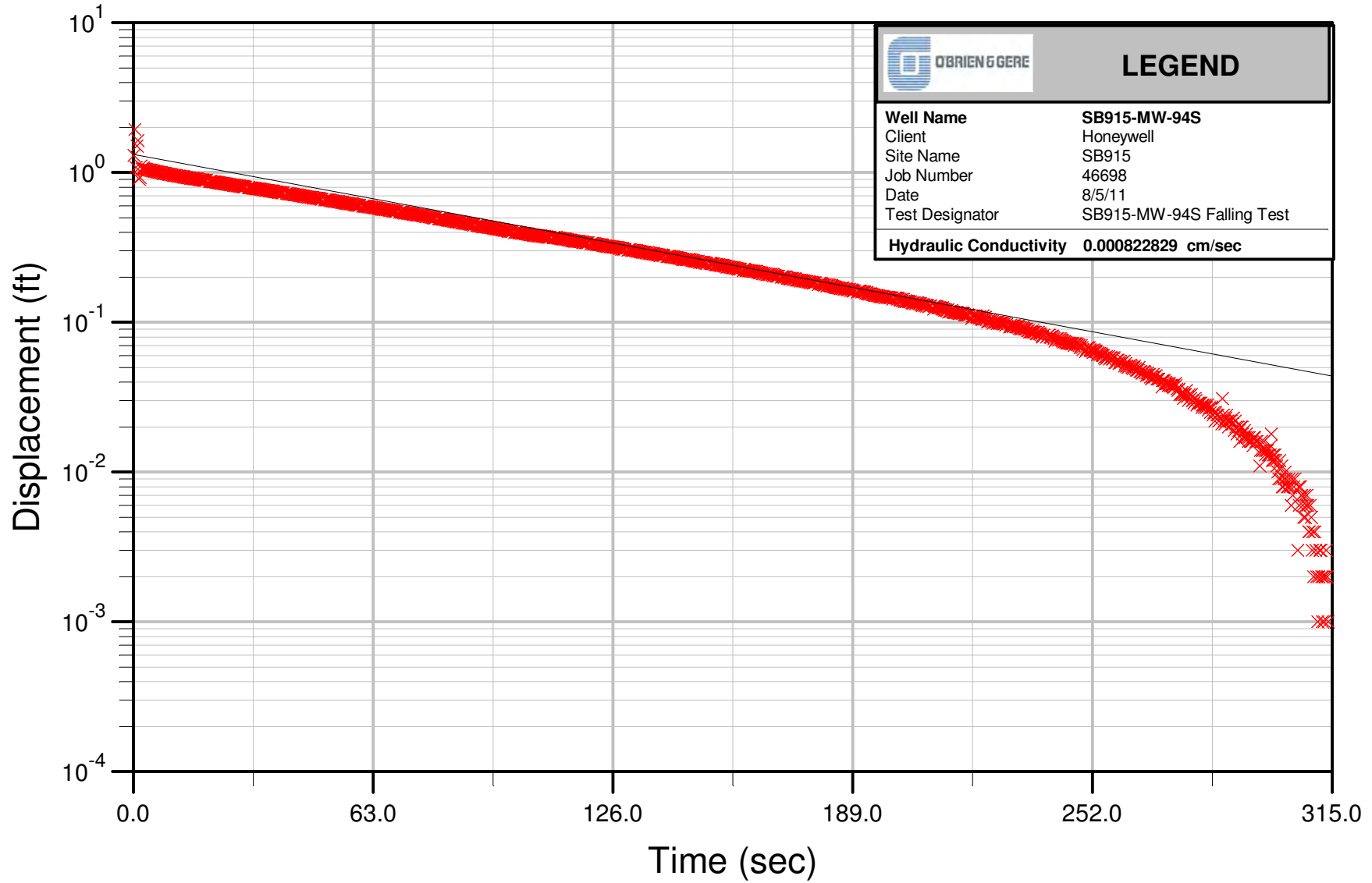
Bouwer & Rice



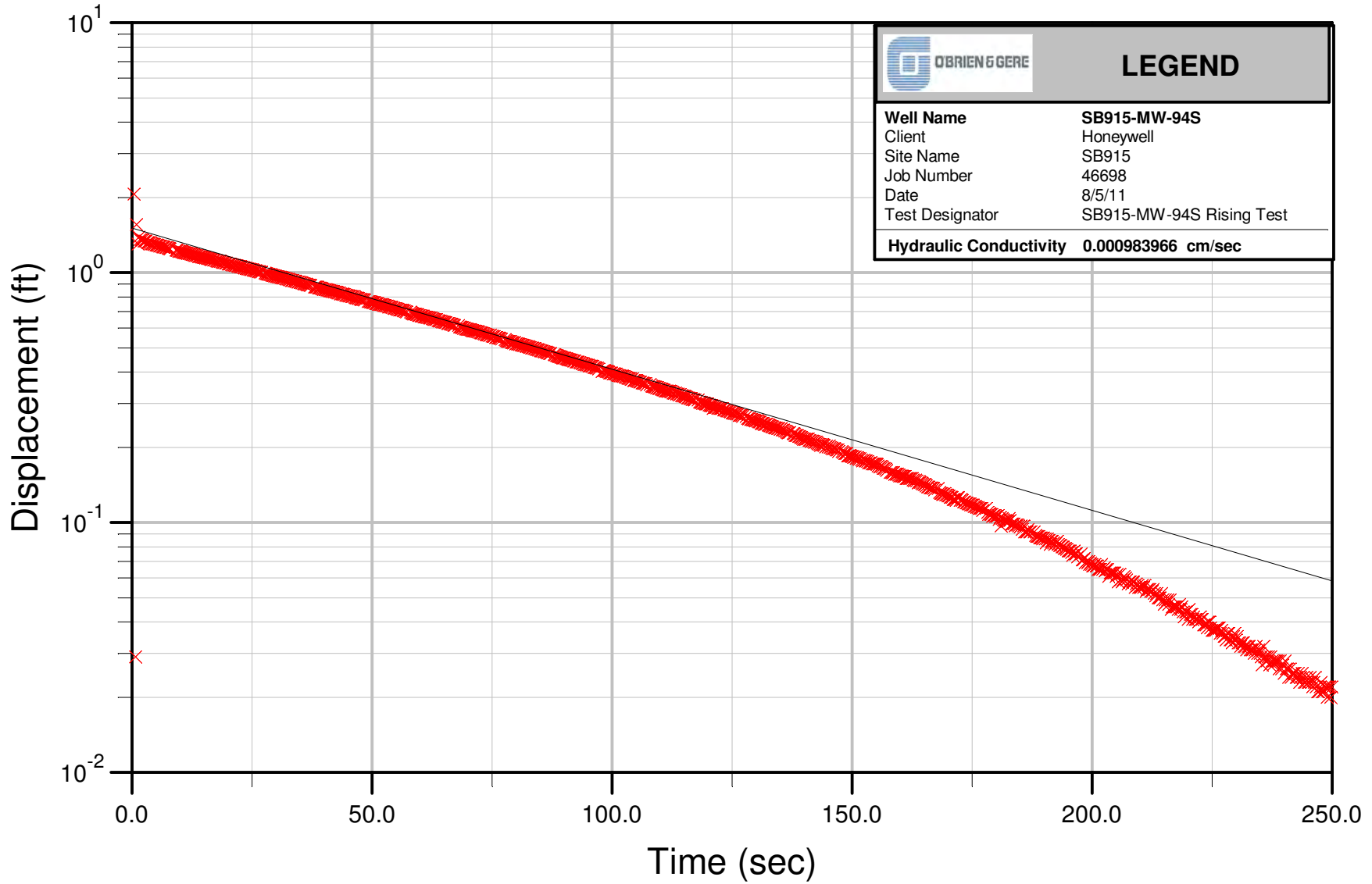
Bouwer & Rice



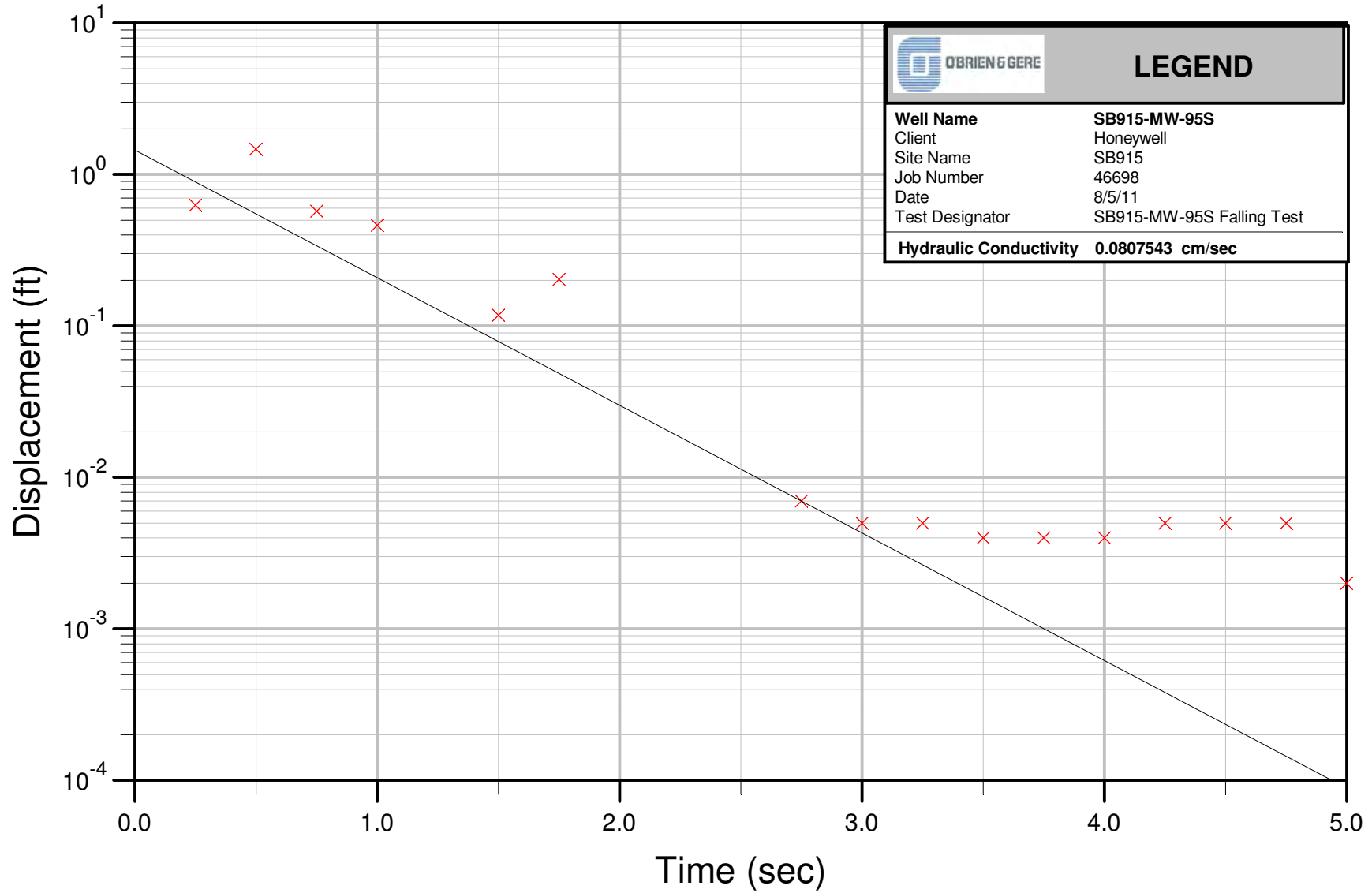
Bouwer & Rice



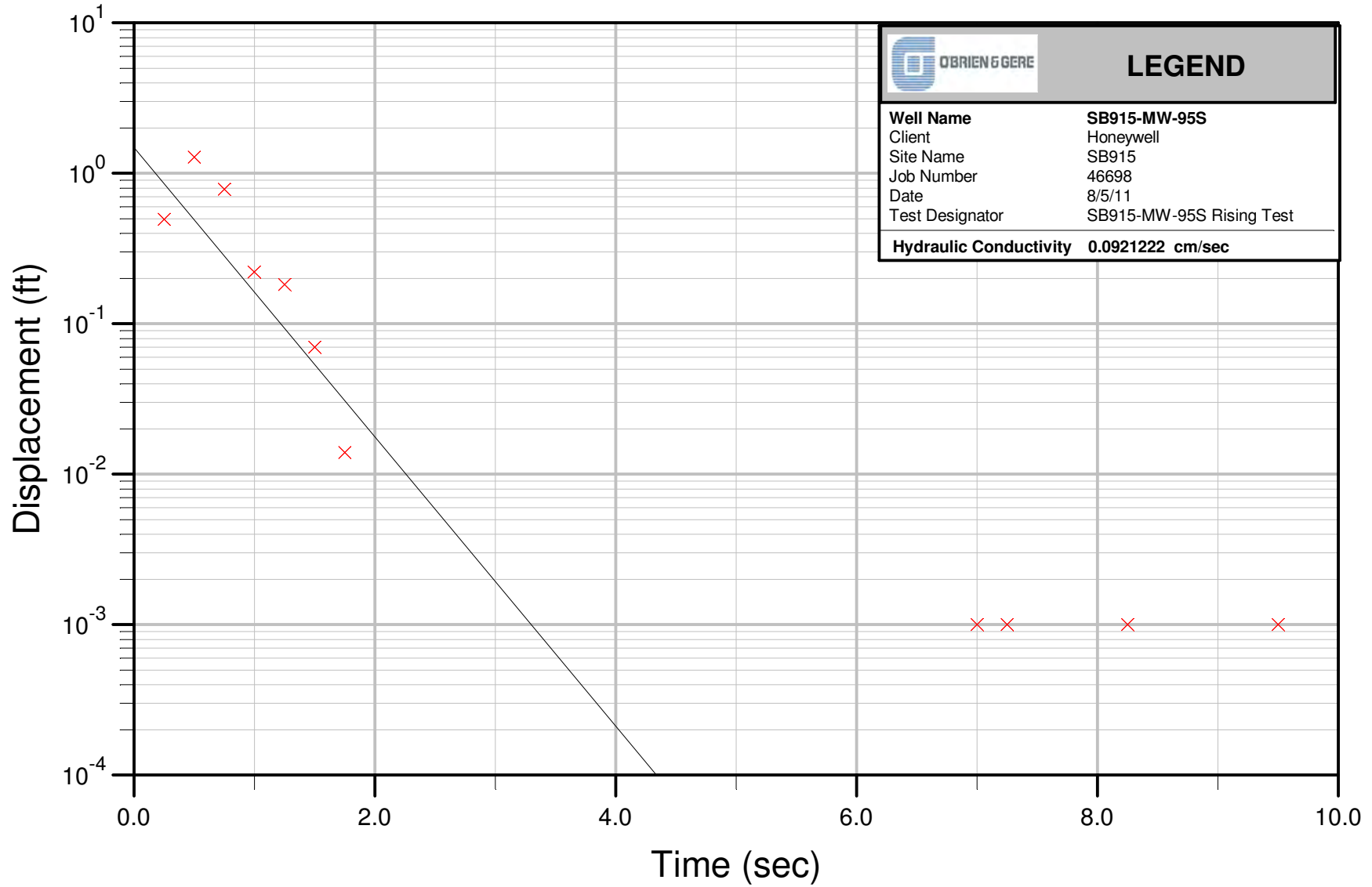
Bouwer & Rice



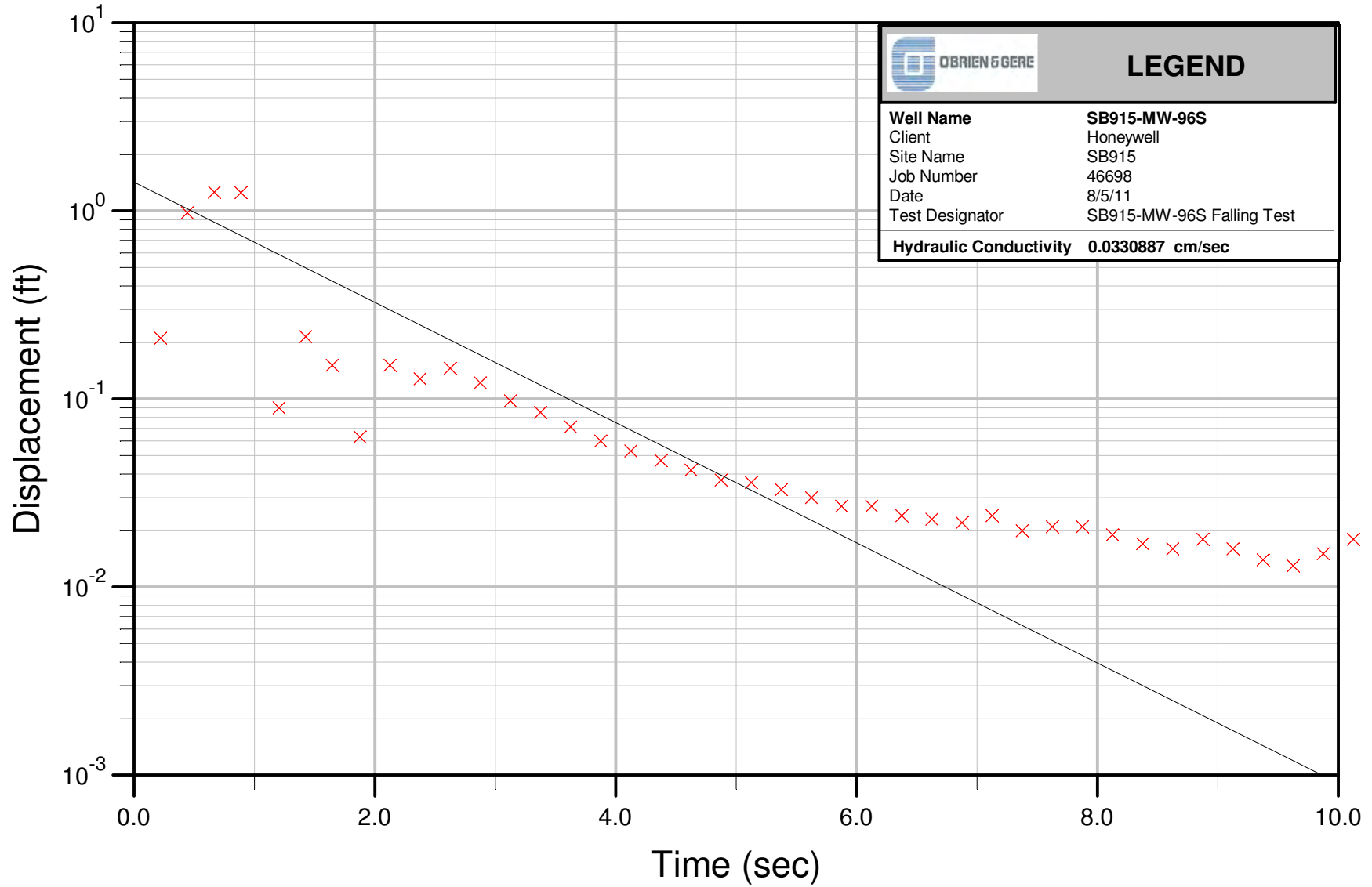
Bouwer & Rice



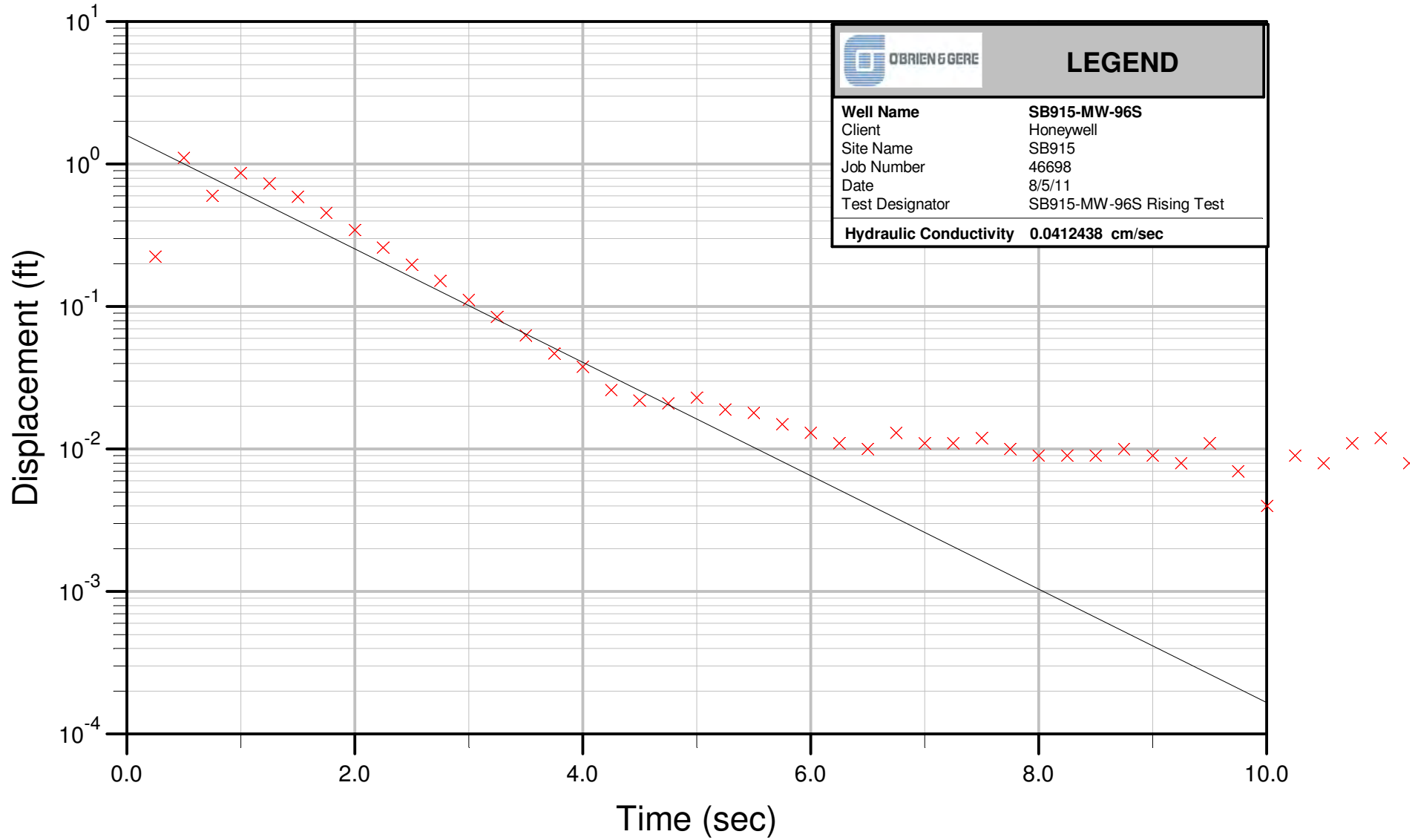
Bouwer & Rice



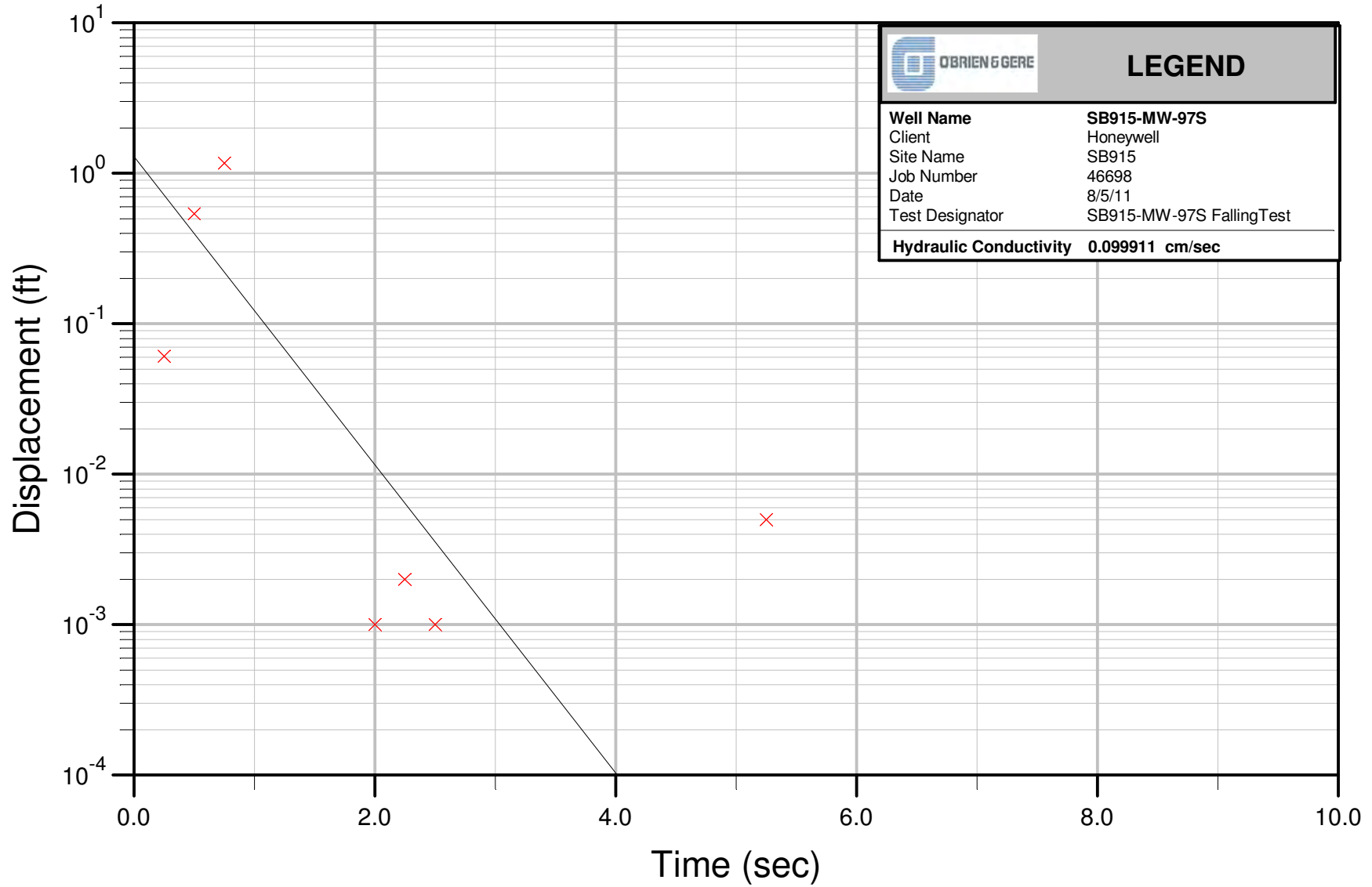
Bouwer & Rice



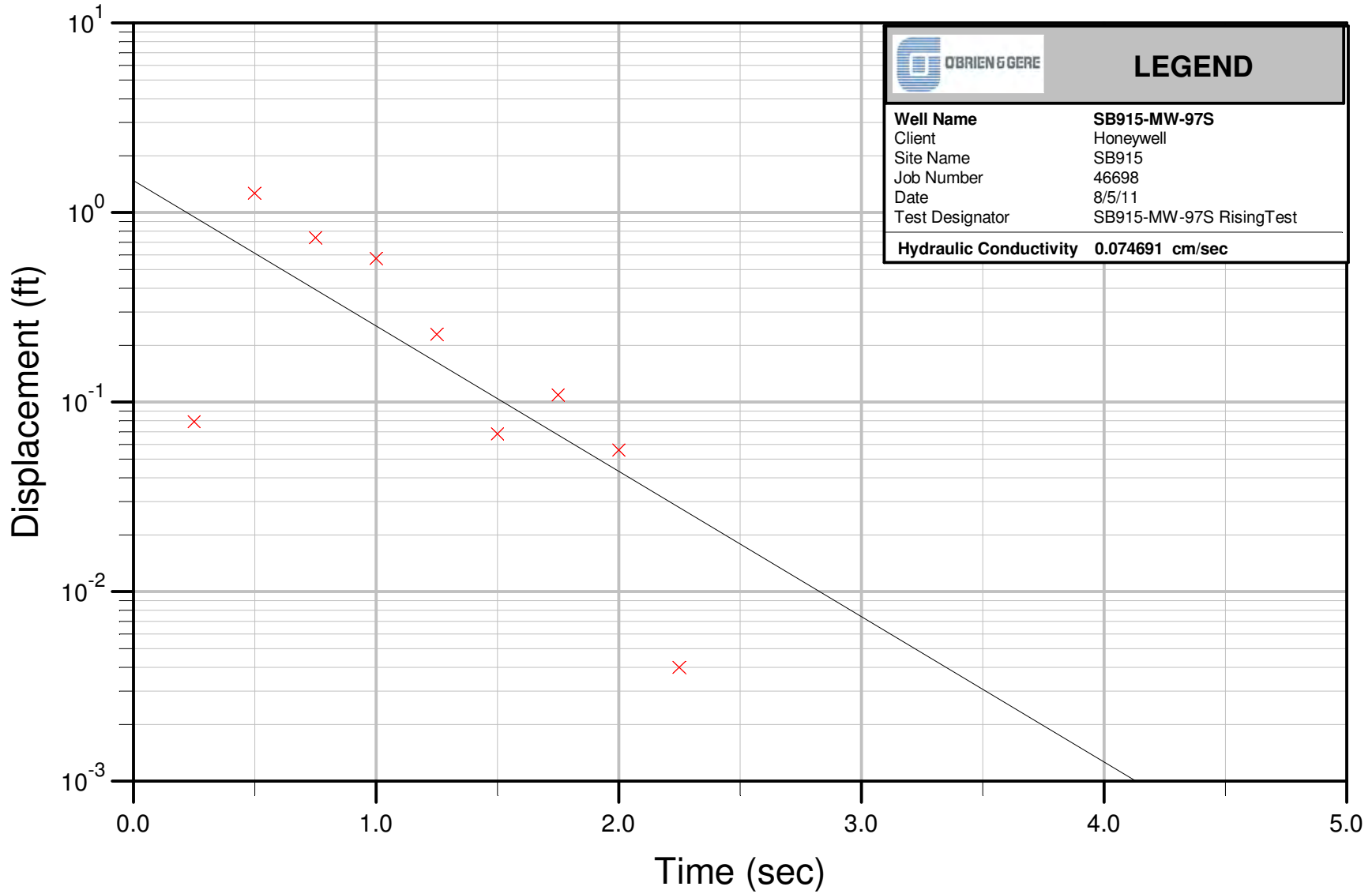
Bouwer & Rice



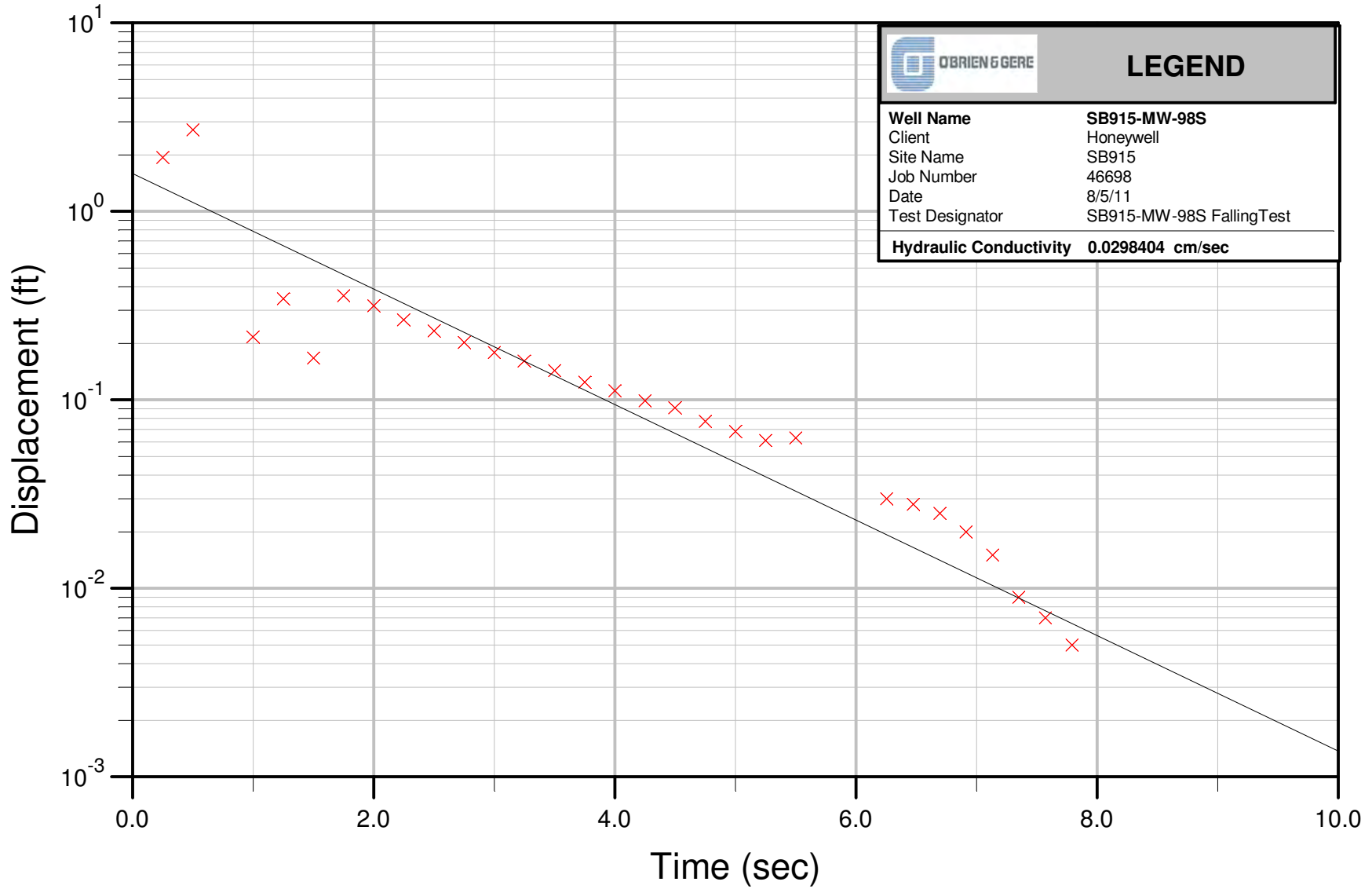
Bouwer & Rice



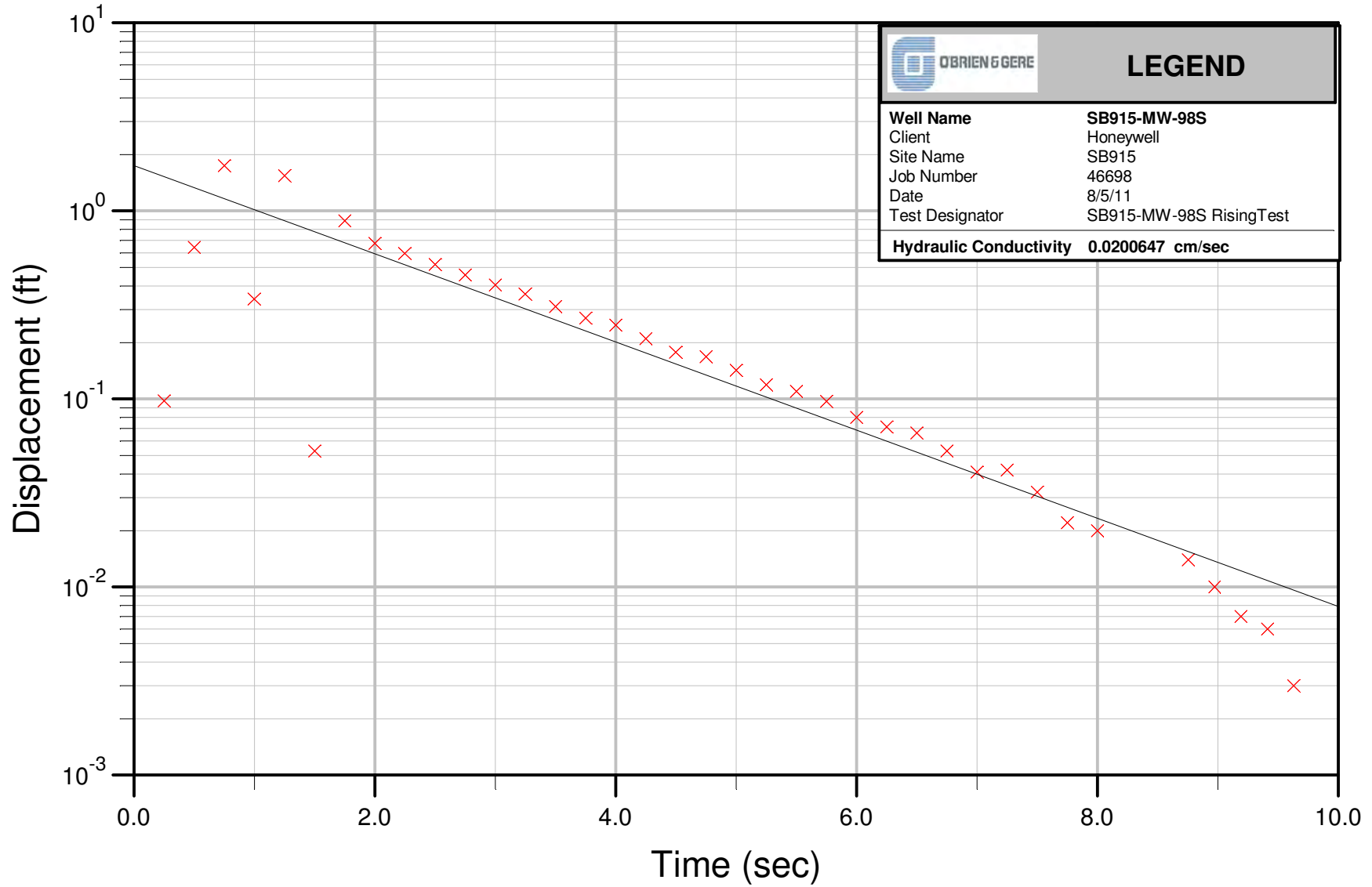
Bouwer & Rice



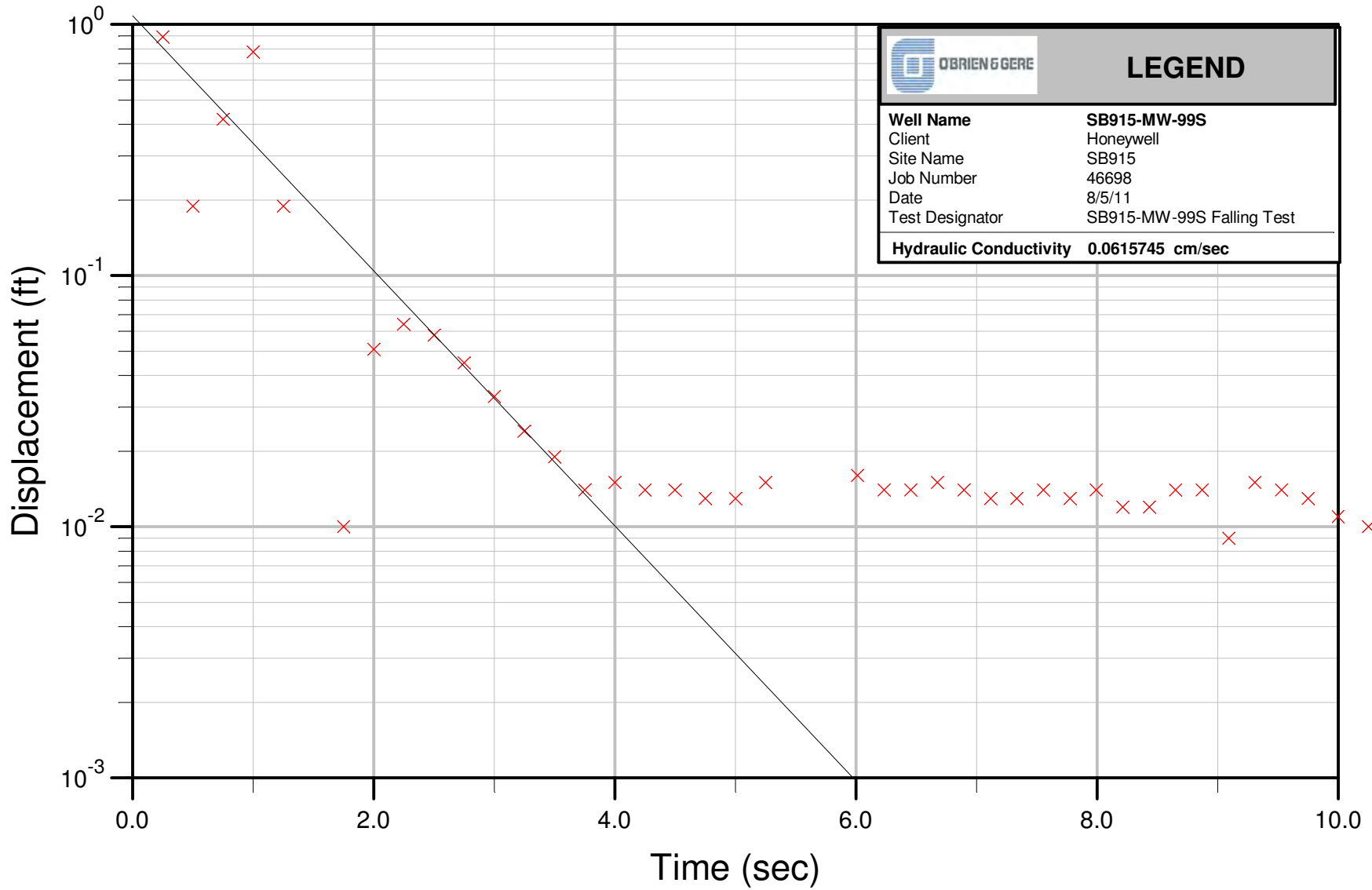
Bouwer & Rice



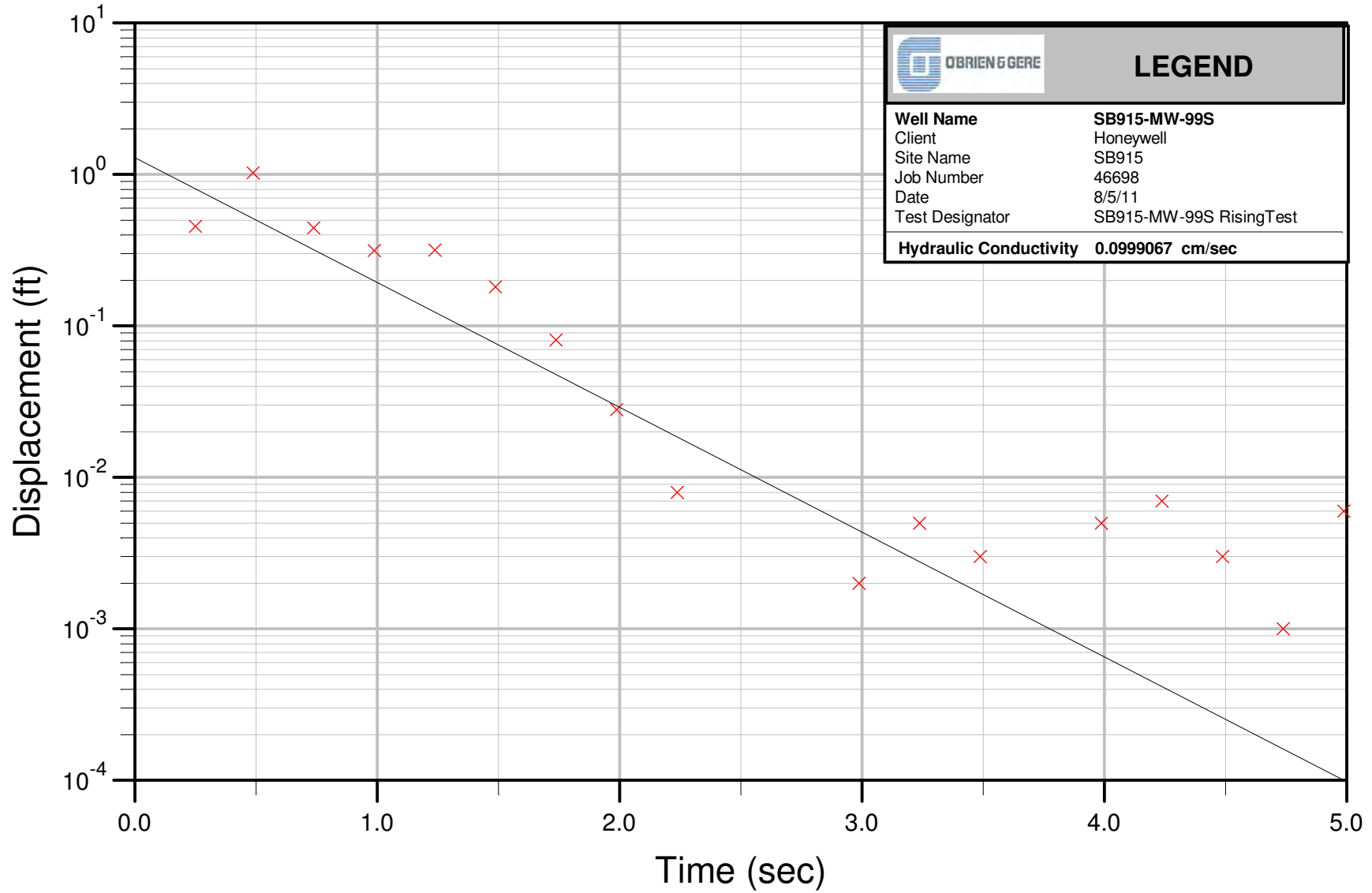
Bouwer & Rice



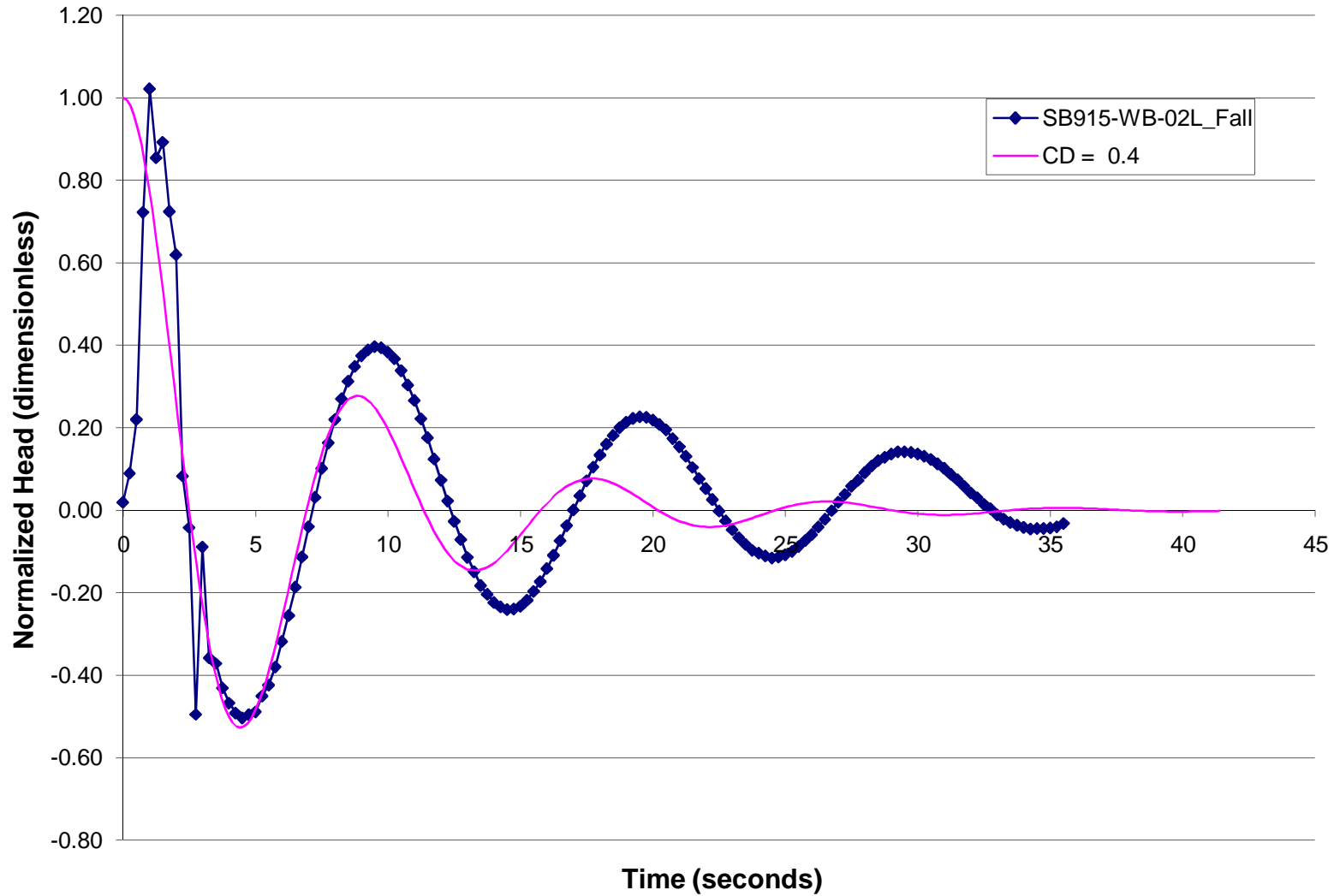
Bouwer & Rice



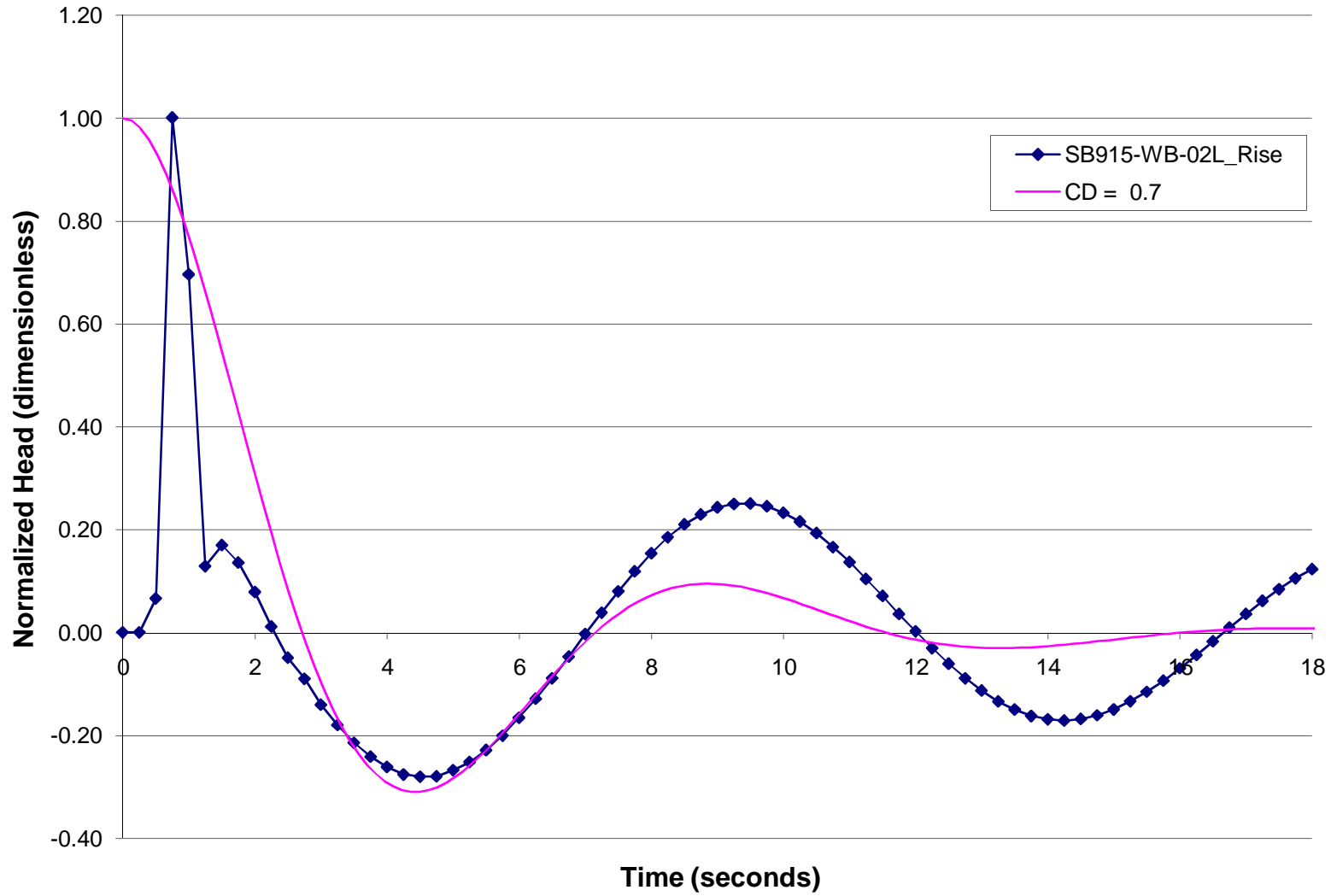
Bouwer & Rice



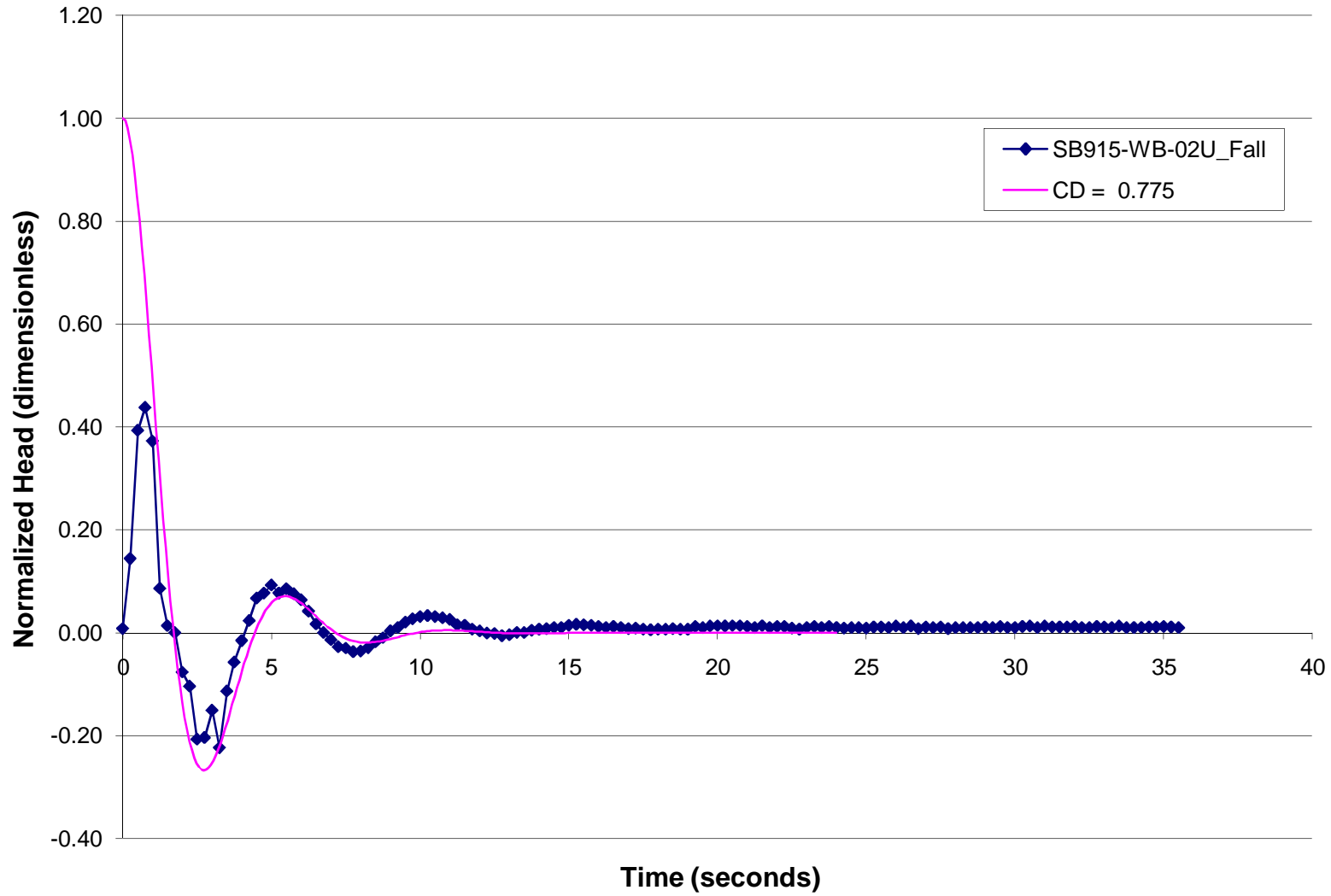
SB915-WB-02L_Falling Test



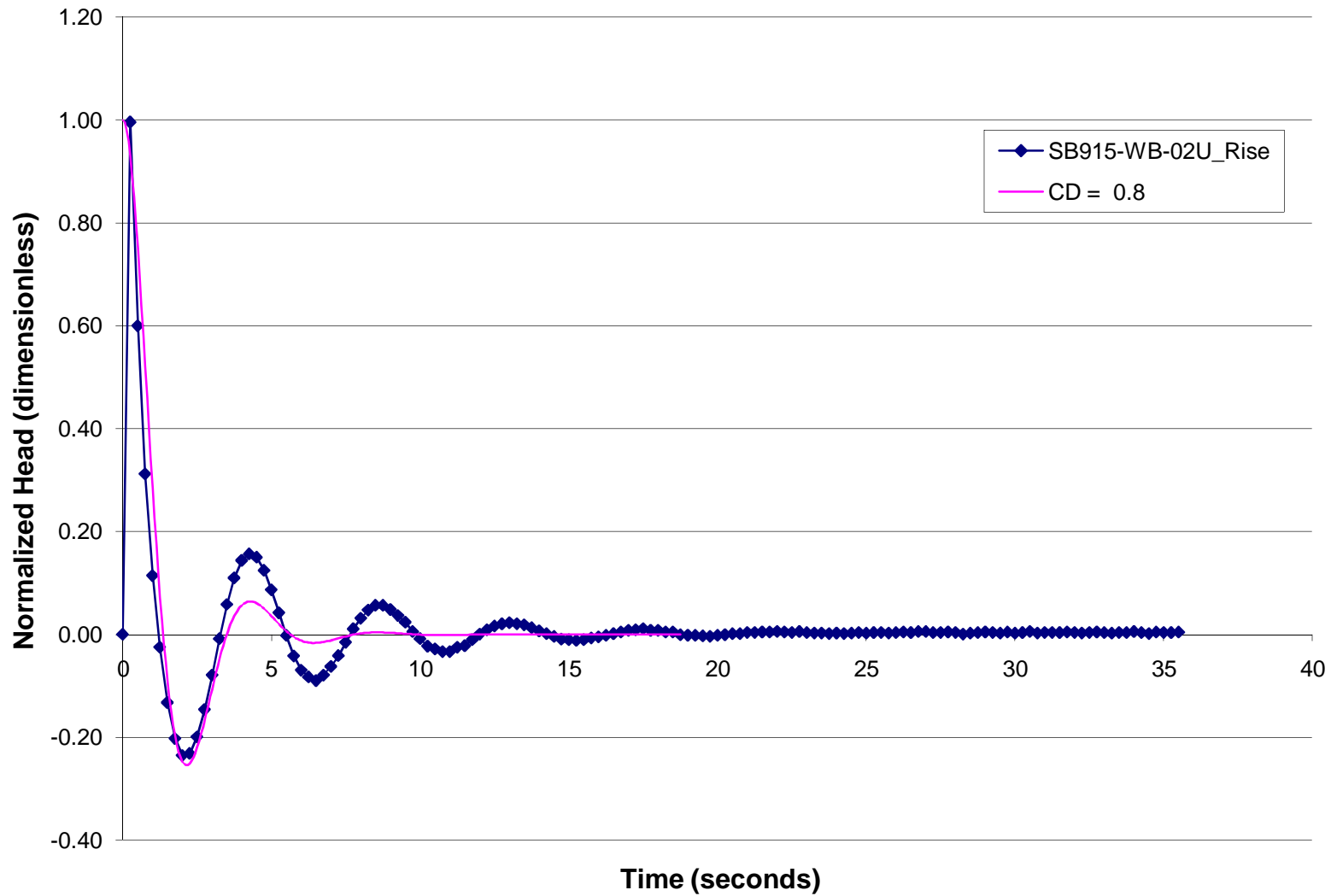
SB915-WB-02L_Rising Test



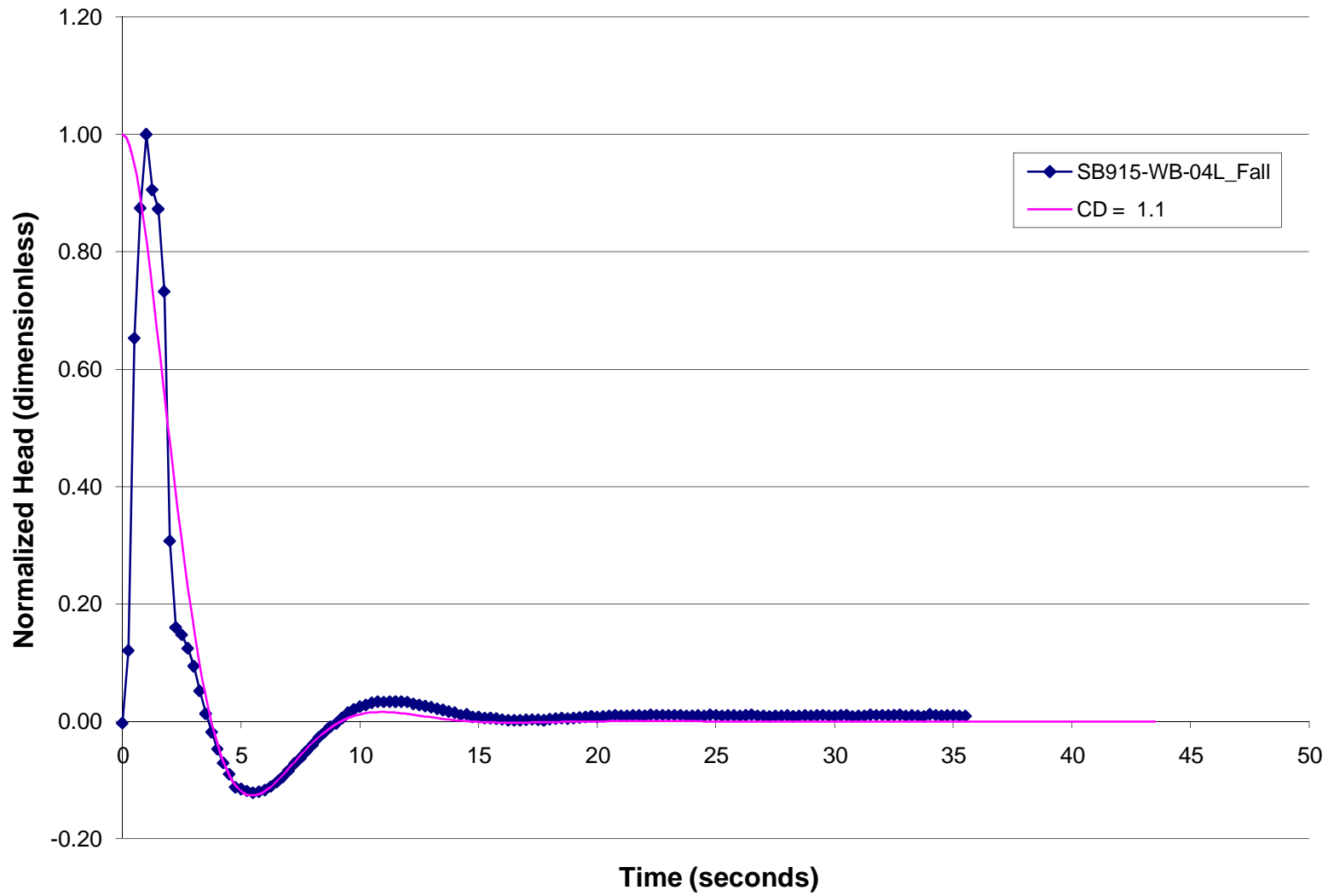
SB915-WB-02U_Falling Test



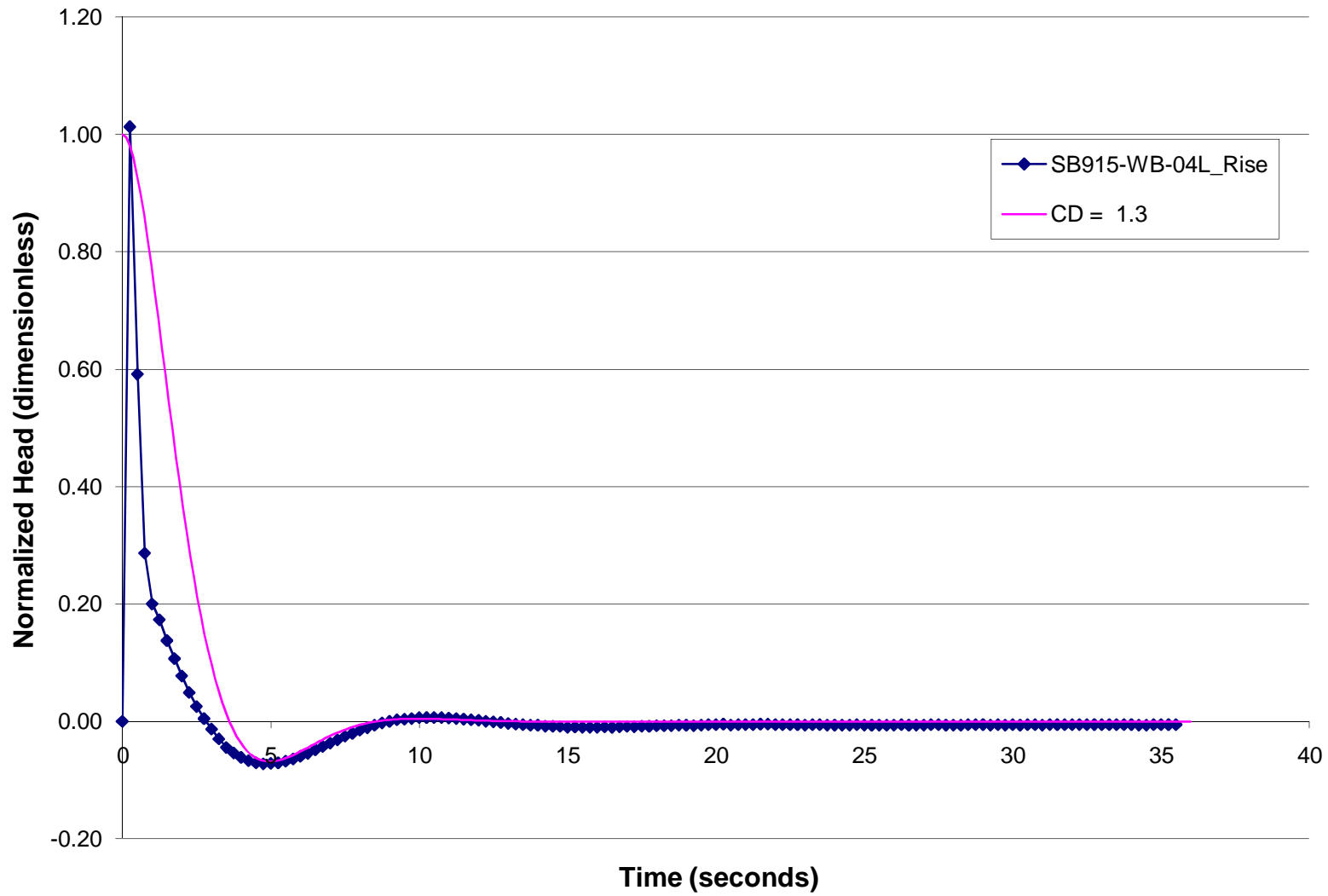
SB915-WB-02U_Rising Test



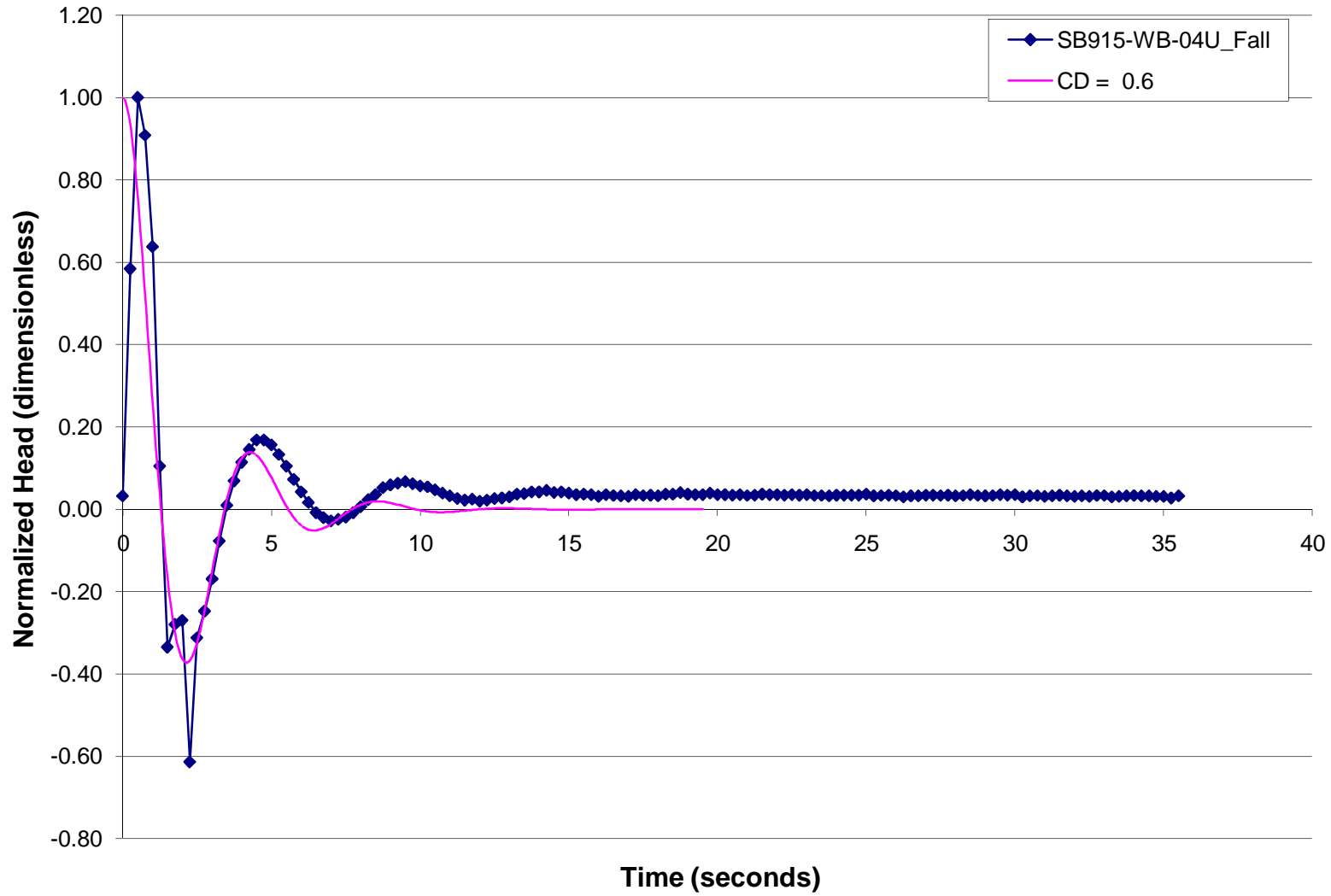
SB915-WB-04L_Falling Test



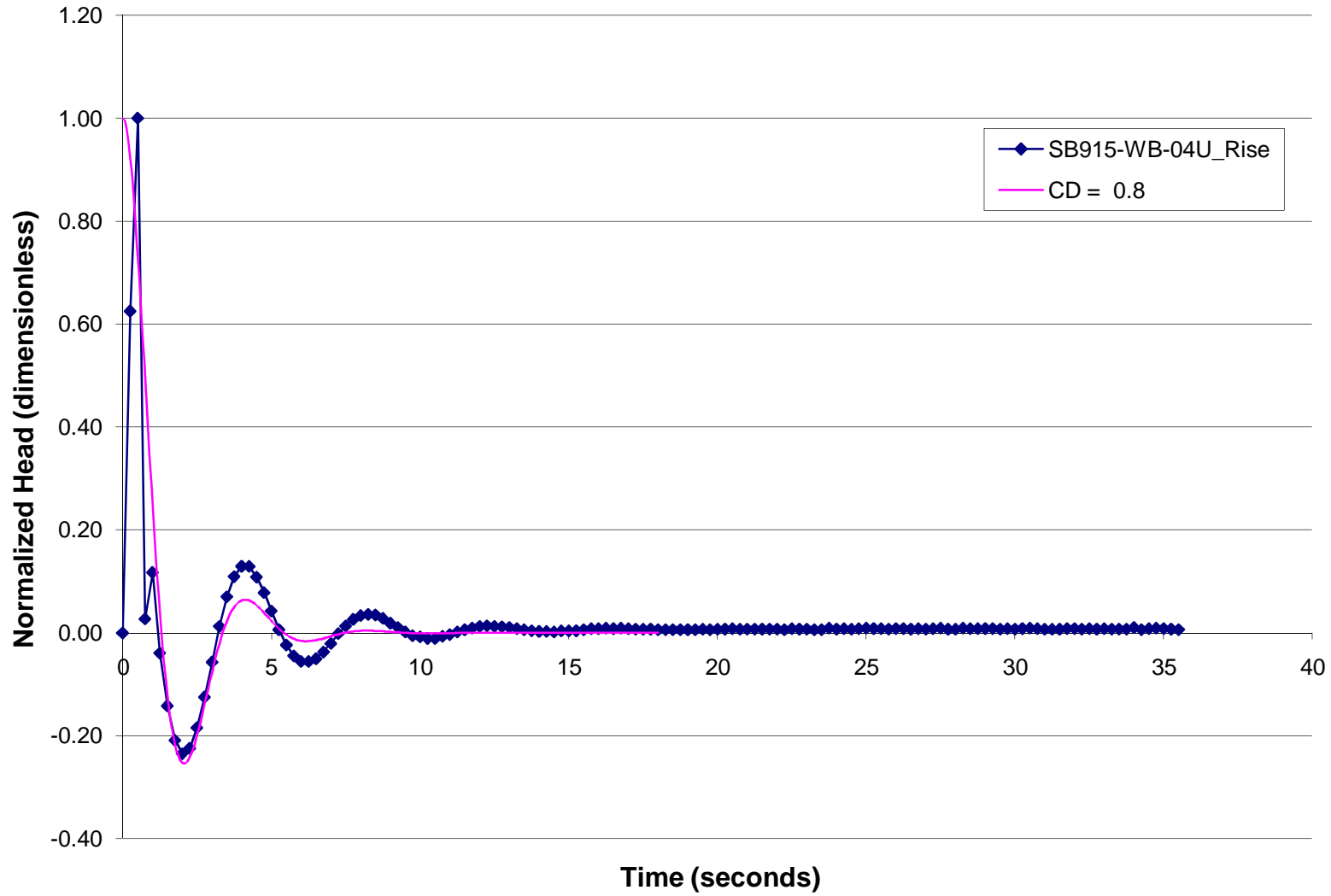
SB915-WB-04L_Rising Test



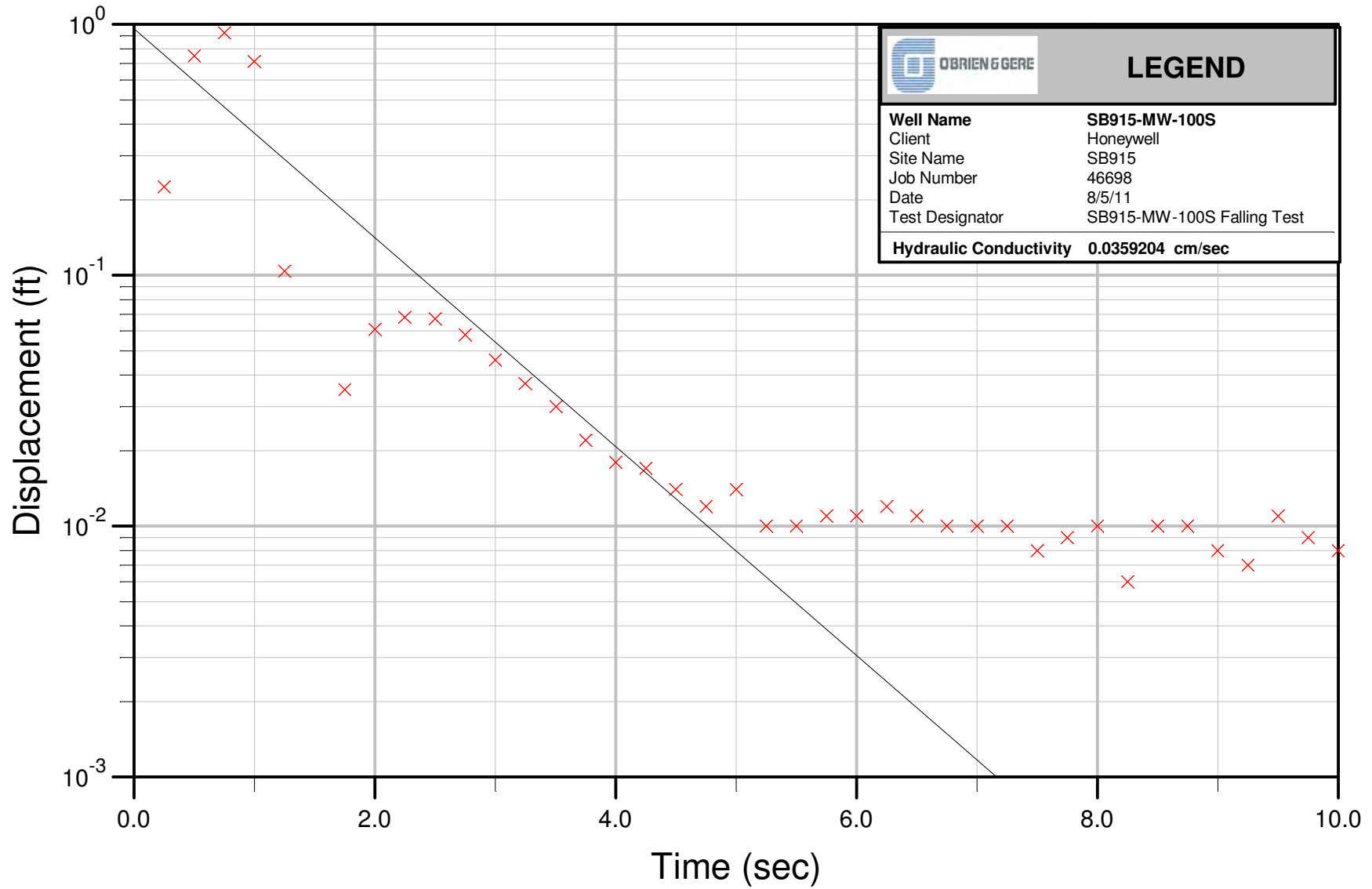
SB915-WB-04U_Falling Test



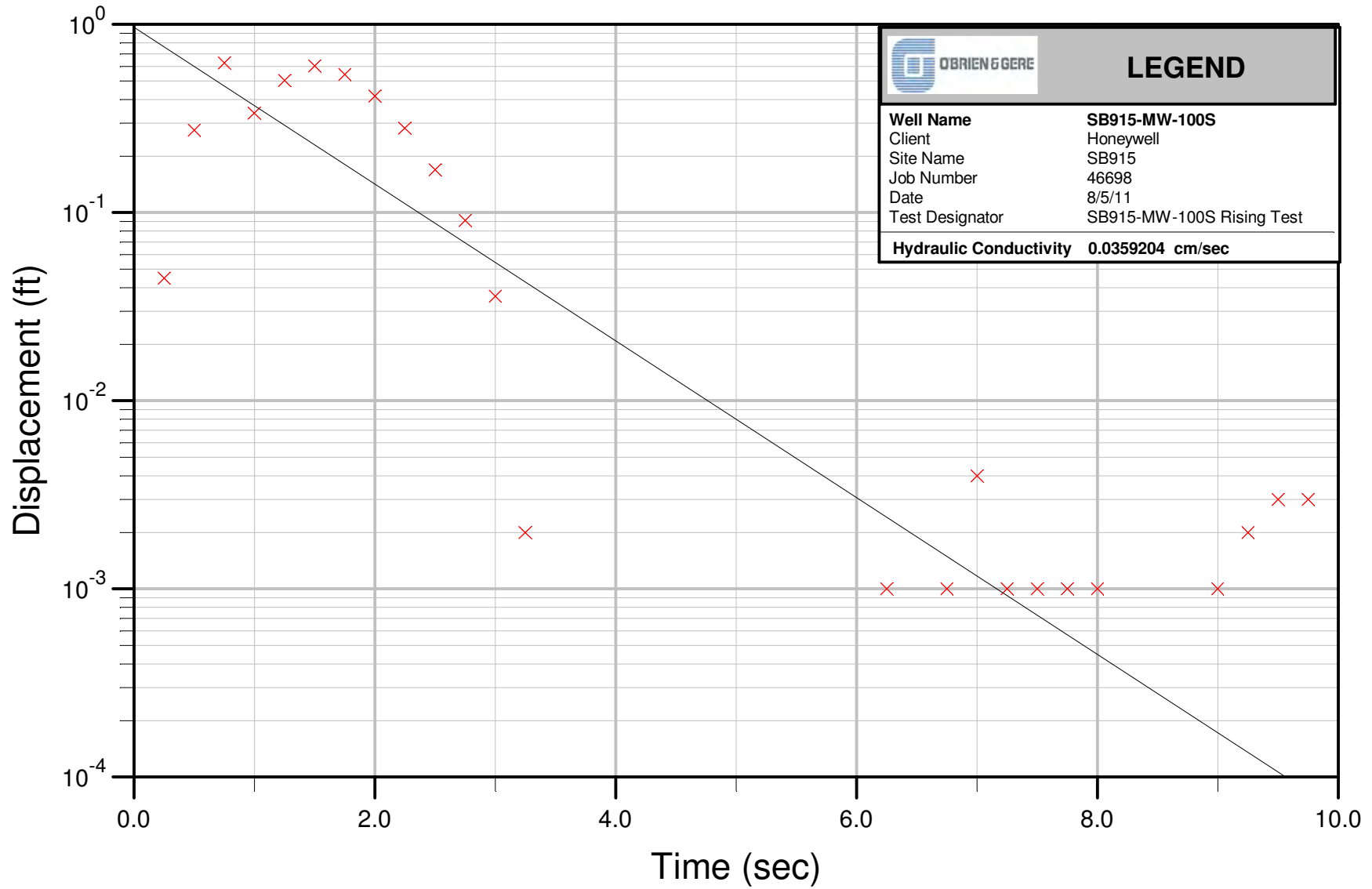
SB915-WB-04U_Rising Test



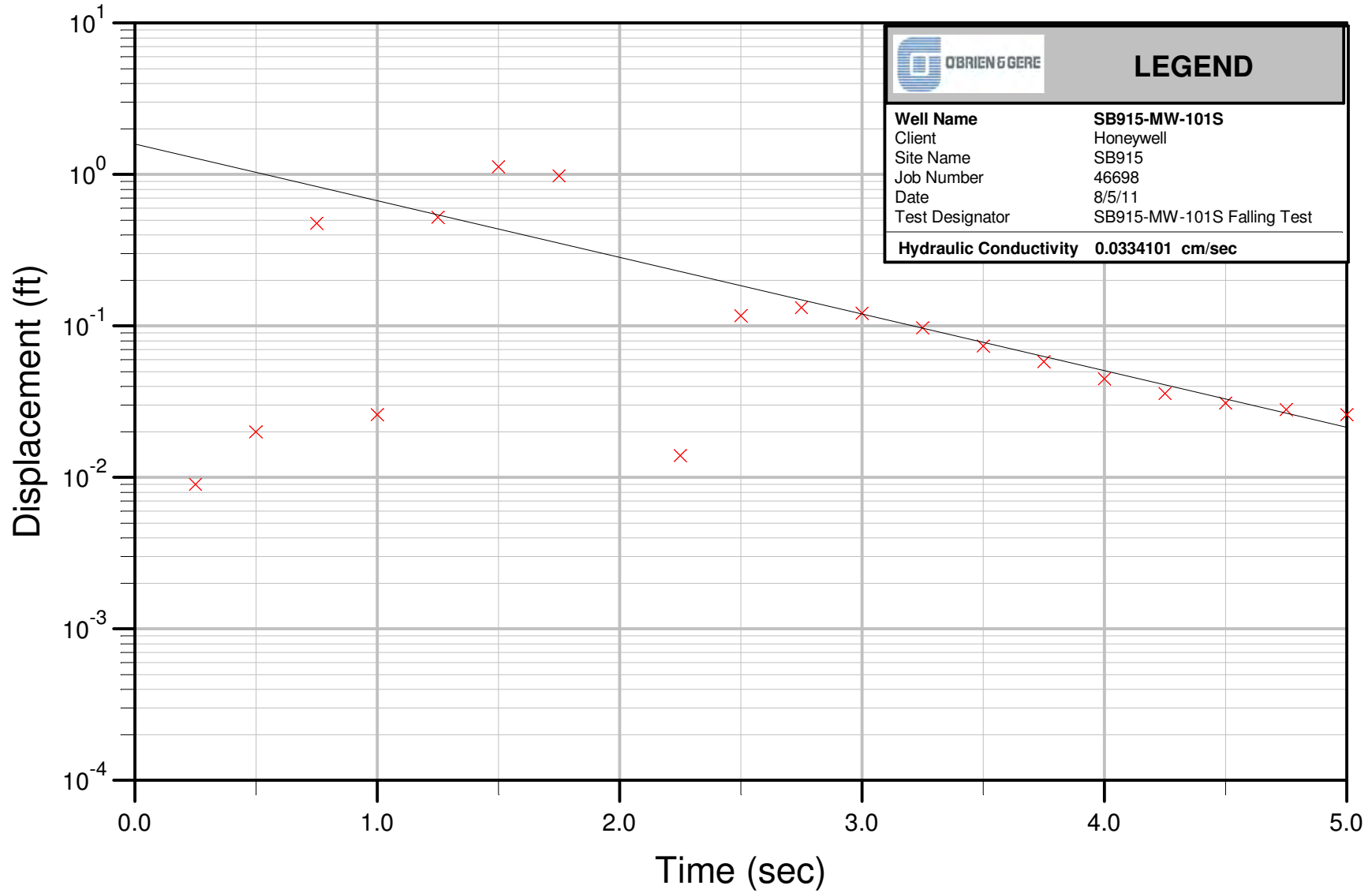
Bouwer & Rice



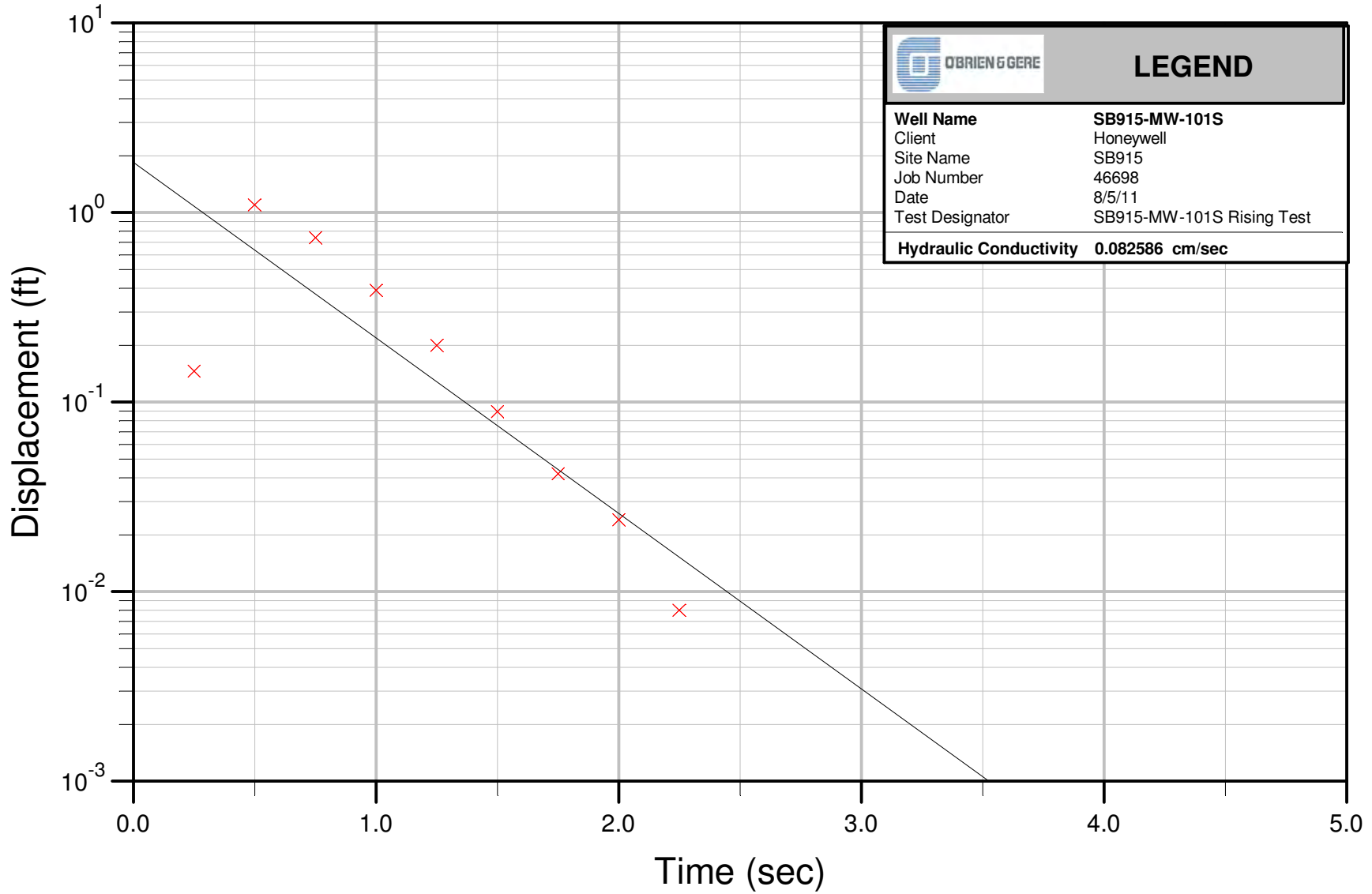
Bouwer & Rice



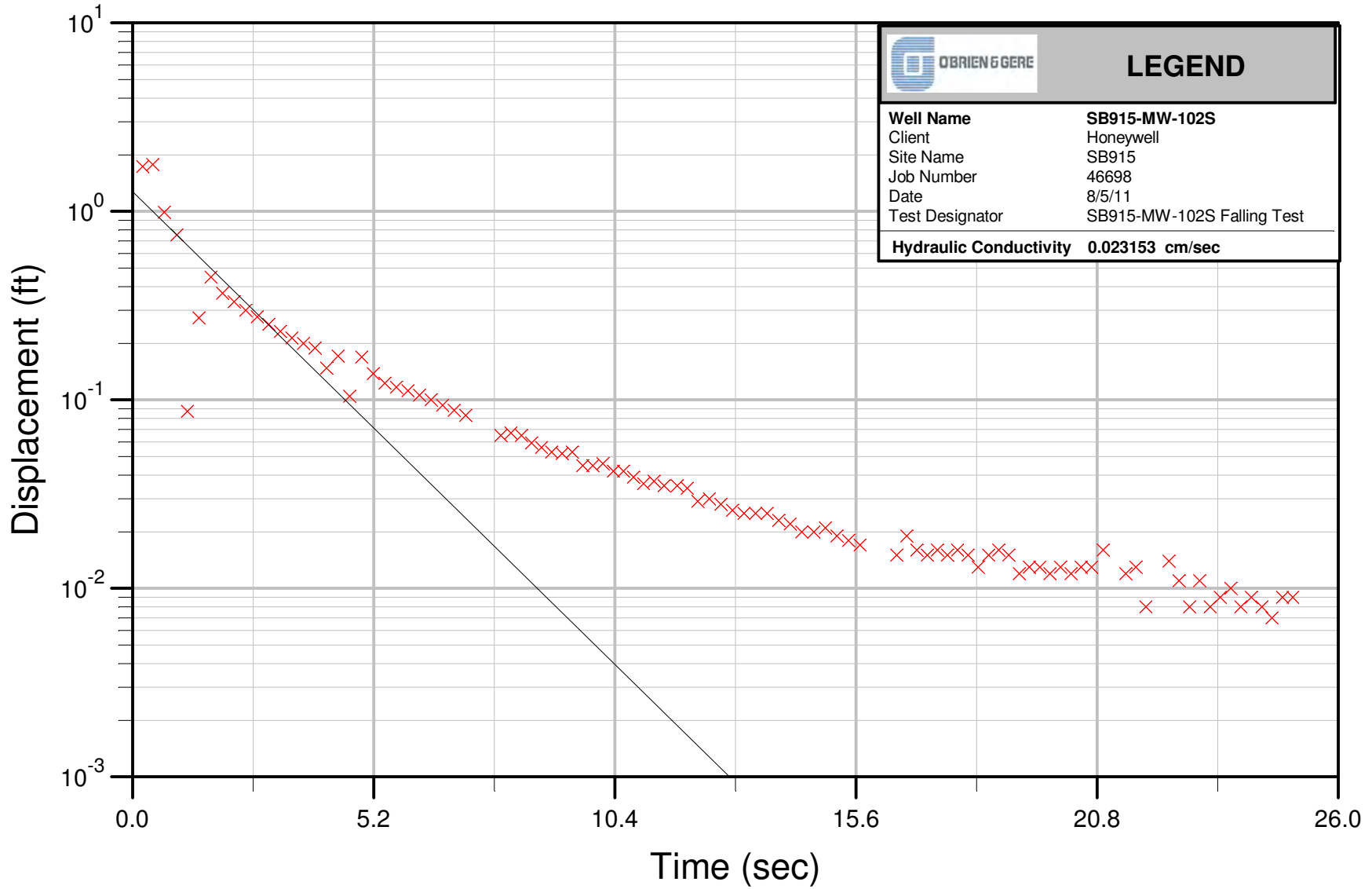
Bouwer & Rice



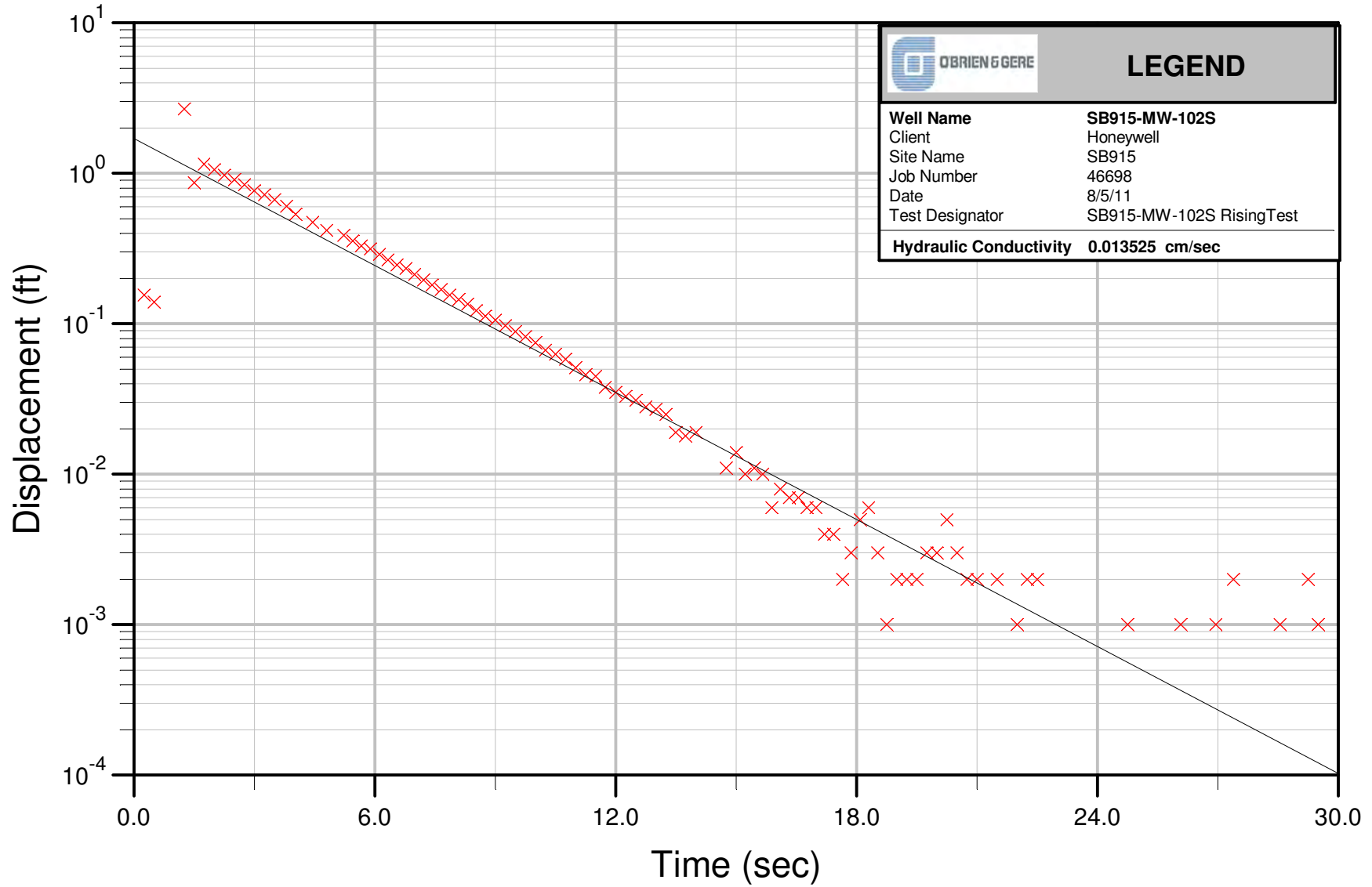
Bouwer & Rice



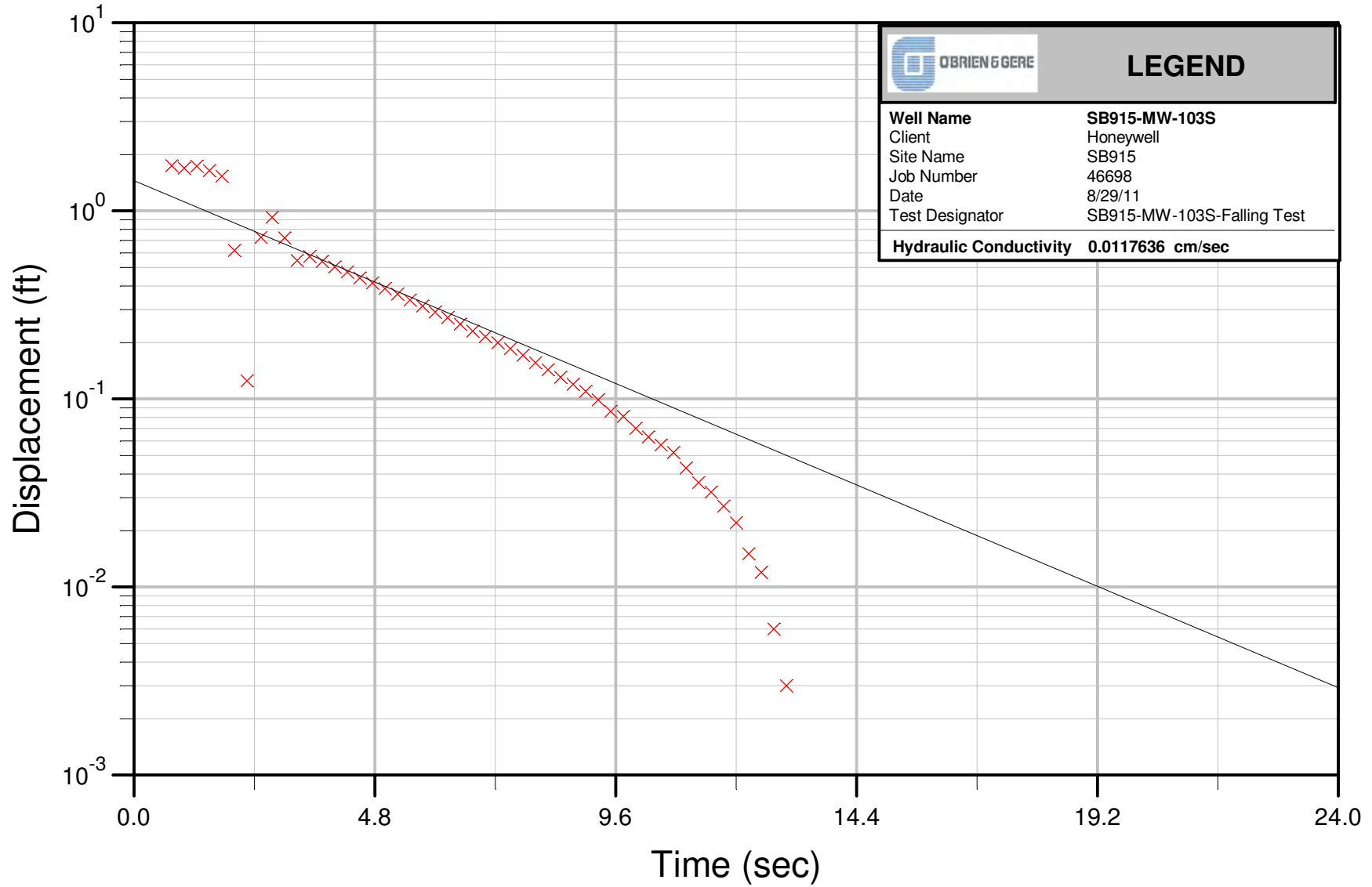
Bouwer & Rice



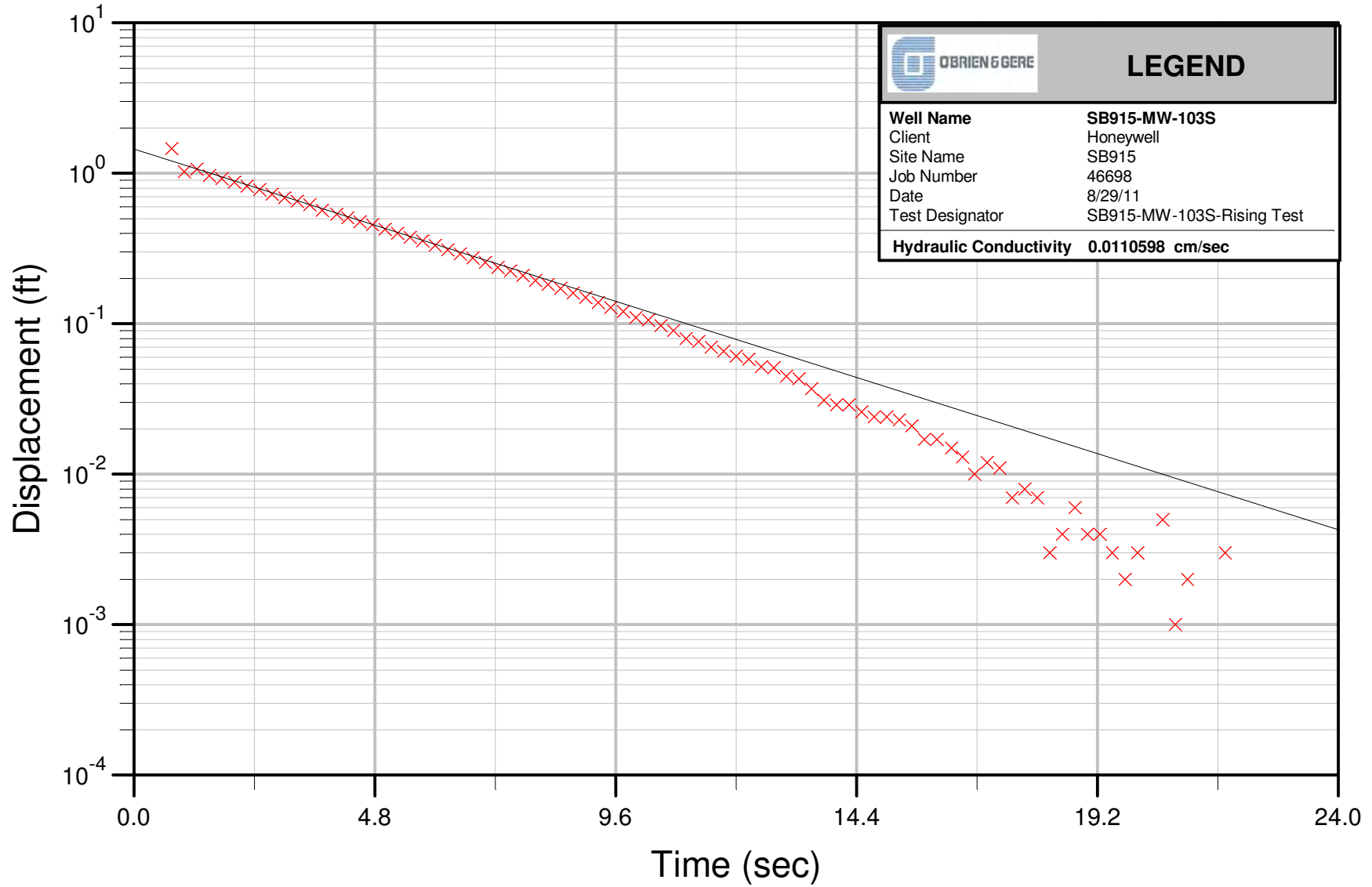
Bouwer & Rice



Bouwer & Rice



Bouwer & Rice



Groundwater Sampling Logs

Groundwater Sampling Logs
1st Quarter 2011

Date 3/10/11 Personnel J. Bone Weather +38°F Rain
 Site Name Wastebed 13 SCA Evacuation Method Grundfos (Rediflow) pump Well # SB915-MW-87BR
 Site Location Camillus, NY Sampling Method Grundfos (Rediflow) pump Project # 1163 / 46698

COC # / Field Sample ID :

Well information:

Depth of Well * 129.30 ft.
 Depth to Water * 28.31 ft.
 Length of Water Column 160.99 ft.

Well Dia (in)	Gallons per Ft	Linear Ft per gallon
1	0.0408	24.5
<u>2</u>	0.1632	6.1
4	0.6528	1.5

* Measurements taken from
 Top of Well Casing
 Top of Protective Casing
 (Other, Specify)

Water parameters:

Elapsed Time ^{min}	Depth To Water	°C Temperature	± 3%	± 0.1	± 3%	± 10mV	10%	10%	Flow Rate (ml/min)	Density
			pH	µS/cm Conductivity	Oxidation Reduction Potential	Dissolved Oxygen (mg/l)	Turbidity (NTU)			
0	29.45	7.64	13.00	28.3	-4	9.40	800	250	-	
5	30.55	8.41	11.15	70.9	24	3.16	1100	400	1.040	
10	30.83	8.77	11.16	72.9	15	2.49	800 630	370	1.040	
15	31.27	8.83	11.06	73.1	-1	1.99	240	368	1.042	
20	31.56	9.10	10.91	72.8	-16	1.85	85	500	1.042	
25	32.02	9.76	10.63	73.6	-28	1.55	85	420	1.042	
30	32.05	9.91	10.51	73.8	-29	1.48	76	410	1.042	
35	32.44	10.08	10.33	74.7	-29	1.35	85	470	1.042	
40	32.49	10.8	10.20	75.2	-41	1.35	33	425	1.042	
43	32.45	10.19	10.12	75.6	-69	1.32	22	420	1.042	
46	32.36	10.15	10.06	75.9	-120	1.32	25	420	1.042	
49	32.35	10.14	10.04	76.0	-131	1.29	23	410	1.042	
52	32.33	10.11	9.96	76.3	-193	1.28	45	410	1.042	
55	32.34	10.15	9.90	76.6	-223	1.25	95	420	1.042	
60	32.32	10.18	9.84	76.7	-267	1.23	110	410	1.042	
63	32.28	10.15	9.80	76.7	-296	1.21	110	410	1.042	
66	32.41	10.31	9.77	76.8	-307	1.16	100	420	1.042	
69	32.40	10.39	9.74	76.7	-322	1.16	80	420	1.042	
72	32.40	10.37	9.72	76.7	-334	1.14	75	420	1.042	
75	32.40	10.32	9.71	76.7	-341	1.14	80	420	1.042	
78	32.40	10.33	9.70	76.7	-344	1.15	80	420	1.042	
81	32.39	10.31	9.68	76.8	-347	1.12	75	420	1.042	
84	32.39	10.29	9.65	76.9	-350	1.12	75	420	1.042	
87	32.35	10.24	9.62	76.8	-352	1.12	50	400	1.042	
90	32.25	10.25	9.61	76.8	-354	1.11	45	400	1.042	
93	32.23	10.27	9.59	76.8	-354	1.11	38	400	1.042	
96	32.21	10.30	9.57	76.9	-353	1.10	37	400	1.042	

Water sample:

Density Measurement 1.042

Time collected: 1410 Total volume of purged water removed: ~23 gal
 Physical appearance at start: Color light milky, Odor None, Sheen/Free Product None
 Physical appearance at sampling: Color clear, Odor None, Sheen/Free Product None

Samples collected:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

Notes:

Date 3/10/11 Personnel JN/NV/RT/ER/WH/MM/JS Weather 40's Rain
 Site Name Wastebed 13 SCA Evacuation Method Grundfos (Rediflow) pump Well # SB915-MW-87I
 Site Location Camillus, NY Sampling Method Grundfos (Rediflow) pump Project # 1163 / 46698

COC # / Field Sample ID :

Well information:

Depth of Well * 75.11 ft.
 Depth to Water * 27.10 ft.
 Length of Water Column 48.01 ft.

Well Dia (in)	Gallons per Ft	Linear Ft per gallon
1	0.0408	24.5
2	0.1632	6.1
4	0.6528	1.5

* Measurements taken from
 Top of Well Casing
 Top of Protective Casing
 (Other, Specify)

Water parameters:

± 3% ± 0.1 ± 3% ± 10mV 10% 10%

Elapsed Time	Depth To Water	Temperature	pH	Conductivity mS/cm	Oxidation Reduction Potential	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)
1153 0	27.10	8.14	6.69	2.34	70	0.31	230	600
1158 5	27.12	8.49	6.86	3.31	9	0.16	320	300
1203 10	27.11	9.68	6.94	3.90	-18	0.07	350	500
1208 15	27.12	9.77	7.02	4.35	-27	0.00	220	500
1213 20	27.12	9.88	7.07	4.47	-32	0.00	100	500
1218 25	27.11	10.03	7.09	4.50	-34	0.00	60	500
1223 30	27.12	10.09	7.10	4.51	-35	0.00	32	500
1226 33	27.11	10.13	7.10	4.51	-36	0.00	20	500
1229 36	27.11	10.13	7.11	4.51	-36	0.00	13	500
1232 39	27.11	10.16	7.11	4.51	-36	0.00	11	500
1235 42								

Water sample: SCA-001-03 Density Measurement 1.004
 Time collected: 1310 Total volume of purged water removed: 9 gallons
 Physical appearance at start: Color sl. milky whn Physical appearance at sampling: Color clear
 Odor none Odor none
 Sheen/Free Product none Sheen/Free Product no

Samples collected:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

Notes:

Date 3/11/11 Personnel _____ Weather ~40° overcast
 Site Name Wastebed 13 SCA Evacuation Method Grundfos (Rediflow) pump Well # SB915-MW- 28BR
 Site Location Camillus, NY Sampling Method Grundfos (Rediflow) pump Project # 1163 / 46698

COC # / Field Sample ID :

Well information:

Depth of Well * 111.45 ft.
 Depth to Water * 26.50 ft.
 Length of Water Column 84.95 ft.

Well Dia (in)	Gallons per Ft	Linear Ft per gallon
1	0.0408	24.5
②	0.1632	6.1
4	0.6528	1.5

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

Water parameters:

Elapsed Time	Depth To Water	±3%	±0.1	±3%	±10mV	10%	10%	Flow Rate (ml/min)	Density
		Temperature	pH	S/m Conductivity	Oxidation Reduction Potential	Dissolved Oxygen (mg/l)	Turbidity (NTU)		
0	28.37	12.50	6.32	4.63	-90	4.33	-	150	
5	29.35	12.39	6.73	5.29	-107	1.31	731	300	1.028
10	30.40	12.47	7.03	5.35	-123	0.79	345	300	1.030
15	31.15	12.65	7.14	5.44	-124	0.65	152	300	1.030
20	31.50	12.58	7.23	5.60	-120	0.50	220	450	1.032
25	32.28	12.80	7.18	5.75	-114	0.35	243	450	1.032
30	32.68	12.68	7.17	5.78	-114	0.25	250	450	1.032
35	32.75	12.75	7.12	5.87	-105	0.22	223	400	1.032
40	33.00	12.65	7.10	5.91	-102	0.19	209	400	1.032
45	33.24	12.91	7.04	5.95	-99	1.05	133	350	1.032
50	33.47	12.91	7.05	5.89	-93	0.17	100.8	350	1.032
55	34.85	13.30	7.01	5.88	-92	0.02	93.9	420	1.032
60	34.95	13.33	7.04	5.80	-86	0.02	70.4	380	1.032
65	34.90	13.13	7.02	5.88	-93	0.00	107.7	380	1.032
70	34.96	13.10	6.96	5.96	-98	0.00	121	420	1.032
75	35.18	13.37	6.93	5.94	-96	0.00	65.5	400	1.032
80	35.19	13.31	6.93	5.91	-93	0.00	55.4	400	1.033
83	35.19	13.59	6.93	5.88	-96	0.00	44.1	400	1.033
86	35.19	13.36	6.89	5.92	-96	0.00	41.6	400	1.033
89	35.16	13.37	6.90	5.96	-96	0.00	44.6	400	1.033
92	35.13	13.31	6.89	5.97	-95	0.00	31.6	400	1.033
95	35.13	13.22	6.88	5.97	-96	0.00	30.9	400	1.033
98	35.12	13.13	6.87	5.96	-96	0.00	30.8	400	1.033

Water sample:

Density Measurement 1.034

Time collected: 1347

Total volume of purged water removed: 9 gallons

Physical appearance at start

Physical appearance at sampling

Color light cloudy (milky)
 Odor None
 Sheen/Free Product None

Color clear
 Odor none
 Sheen/Free Product none

Samples collected:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

Notes:

Date	<u>3/11/11</u>	Personnel		Weather	<u>40° overcast</u>
Site Name	<u>Wastebed 13 SCA</u>	Evacuation Method	<u>Grundfos (Rediflow) pump</u>	Well #	<u>SB915-MW-881</u>
Site Location	<u>Camillus, NY</u>	Sampling Method	<u>Grundfos (Rediflow) pump</u>	Project #	<u>1163 / 46698</u>

COC # / Field Sample ID :

Well information:

Depth of Well * 69.49 ft.
 Depth to Water * 26.58 ft.
 Length of Water Column _____ ft.

Well Dia (in)	Gallons per Ft	Linear Ft per gallon
1	0.0408	24.5
2	0.1632	6.1
4	0.6528	1.5

* Measurements taken from

<input checked="" type="checkbox"/>	Top of Well Casing
<input type="checkbox"/>	Top of Protective Casing
<input type="checkbox"/>	(Other, Specify)

Water parameters:

Elapsed Time	Depth To Water	Temperature	pH	Conductivity	Oxidation Reduction Potential	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)
0	26.70	12.68	7.41	37.7	-165	0.0	>1100	500
3	26.71	12.78	7.43	38.7	-175	0.0	>1100	600
6	26.67	12.85	7.47	32.1	-179	0.0	>1100	500
9	26.67	12.90	7.48	31.3	-184	0.0	>1100	
12	26.65	12.86	7.50	31.1	-185	0.0	>1100	480
15	26.65	12.91	7.52	31.1	-189	0.0	>1100	480
18	26.65	13.12	7.55	31.5	-191	0.0	>1100	460
21	26.65	13.20	7.57	30.9	-192	0.0	>1100	500
* 24	26.65		7.58	23.5		0.0	>1100	
27	26.65	* 40.00	7.57	20.9	-195	0.0	>1100	480
30	26.65	39.84	7.59	18.0	-196	0.0	1100	500
33	26.65	48.20	7.59	16.0	-197	0.0	850	500
36	26.65	49.36	7.58	15.7	-198	0.0	700	500
39	26.65	50.70	7.60	15.4	-198	0.0	600	480
42	26.63	52.02	7.58	15.2	-199	0.0	800	500
45	26.63	60.00	7.56	13.5	-199	0.0	450	480
48	26.63	60.00	7.58	12.6	-199	0.0	400	480
51	26.63	60.00	7.58	12.5	-200	0.0	310	490
54	26.63	60.00	7.58	12.4	-200	0.0	270	480
57	26.63	Flashing	7.59	12.2	-200	0.0	240	480
60	26.61		7.58	12.1	-201	0.0	190	480
63	26.61		7.57	11.3	-201	0.0	180	460
66	26.61		7.57	11.3	-201	0.0	190	480
69	26.59		7.58	11.2	-201	0.02	150	460
72	26.59		7.59	11.1	-201	0.02	120	460
75	26.59		7.60	11.1	-202	0.02	110	460
78	26.58		7.61	11.0	-202	0.03	85	400

Water sample:

Density Measurement 1.002

Time collected: 1340

Total volume of purged water removed: _____

Physical appearance at start

Physical appearance at sampling

Color Brown

Color _____

Odor None

Odor _____

Sheen/Free Product None

Sheen/Free Product _____

Samples collected:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

Notes: * Temp. went to 30

O'Brien & Gere Engineers, Inc. Low Flow Ground Water Sampling Log 2 of 2

Date 3/11/11 Personnel _____ Weather 40° Overcast
 Site Name Wastebed 13 SCA Evacuation Method Grundfos (Rediflow) pump Well # SB915-MW- 88P
 Site Location Camillus, NY Sampling Method Grundfos (Rediflow) pump Project # 1163 / 46698

COC # / Field Sample ID :

Well Information:

Depth of Well * _____ ft.	Well Dia (in)	Gallons per Ft	Linear Ft per gallon	* Measurements taken from <input checked="" type="checkbox"/> Top of Well Casing <input type="checkbox"/> Top of Protective Casing <input type="checkbox"/> (Other, Specify)
Depth to Water * _____ ft.	1	0.0408	24.5	
Length of Water Column _____ ft.	2	0.1632	6.1	
	4	0.6528	1.5	

Water parameters: ± 3% ± 0.1 ± 3% ± 10mV 10% 10%

Elapsed Time	Depth To Water	Temperature	pH	<i>h/c</i> Conductivity	Oxidation Reduction Potential	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min).
81	<u>26.58</u>	<u>Flashing</u>	<u>7.63</u>	<u>11.0</u>	<u>-202</u>	<u>0.03</u>	<u>90</u>	<u>400</u>
84	<u>26.58</u>		<u>7.62</u>	<u>11.1</u>	<u>-203</u>	<u>0.03</u>	<u>85</u>	<u>460</u>
87	<u>26.58</u>		<u>7.63</u>	<u>11.1</u>	<u>-202</u>	<u>0.02</u>	<u>85</u>	<u>500</u>

Water sample: Density Measurement _____

Time collected: 1340 Total volume of purged water removed: _____
 Physical appearance at start Physical appearance at sampling
 Color _____ Color Clear
 Odor _____ Odor None
 Sheen/Free Product _____ Sheen/Free Product None

Samples collected:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

Notes:

Date 3/11/14 Personnel JMN/SB/WN/ER/RT/MM Weather 140°, overcast
 Site Name Wastebed 13 SCA Evacuation Method Grundfos (Rediflow) pump Well # SB915-MW- 88I
 Site Location Camillus, NY Sampling Method Grundfos (Rediflow) pump Project # 1163 / 46698

COC # / Field Sample ID :

Well information:

Depth of Well * 54.96 ft.
 Depth to Water * 27.02 ft.
 Length of Water Column 27.94 ft.

Well Dia (in)	Gallons per Ft	Linear Ft per gallon
1	0.0408	24.5
2	0.1632	6.1
4	0.6528	1.5

* Measurements taken from
 Top of Well Casing
 Top of Protective Casing
 (Other, Specify)

Water parameters:

1120
CF

Elapsed Time	Depth To Water	Temperature	± 3%	± 0.1	± 3%	± 10mV	10%	10%	Flow Rate (ml/min).
			pH	ms/cm Conductivity	Oxidation Reduction Potential	Dissolved Oxygen (mg/l)	Turbidity (NTU)		
0	26.95	12.28	6.89	10.8	-96	0.71	800	500	1.004
5	26.95	13.11	7.13	10.7	-119	0.94	170	500	1.003
10	26.95	13.29	7.21	10.5	-119	0.56	150	500	1.003
15	26.96	13.21	7.22	10.4	-126	0.00	90	500	1.003
20	26.95	13.21	7.24	10.3	-130	0.00	65	500	1.003
25	26.95	13.24	7.24	10.2	-133	0.00	50	500	1.003
30	26.95	13.29	7.25	10.1	-135	0.00	40	500	1.003
35	26.95	13.27	7.25	10.1	-137	0.00	36	500	1.003
40	26.95	13.26	7.25	10.1	-138	0.00	34	500	1.003

Water sample:

Density Measurement 1.003

Time collected: 1330

Total volume of purged water removed: 10 gal

Physical appearance at start

Physical appearance at sampling

Color Brown Cloudy
 Odor None

Color Clear
 Odor None

Sheen/Free Product None

Sheen/Free Product None

Samples collected:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

Notes:

Date 3/11/10 Personnel NV Weather ~40° overcast
 Site Name Wastebed 13 SCA Evacuation Method Grundfos (Rediflow) pump Well # SB915-MW- 885
 Site Location Camillus, NY Sampling Method Grundfos (Rediflow) pump Project # 1163 / 46698

COC # / Field Sample ID :

Well information:

Depth of Well * 27.12 ft.
 Depth to Water * 27.25 ft.
 Length of Water Column 10.17 ft.

Well Dia (in)	Gallons per Ft	Linear Ft per gallon
1	0.0408	24.5
2	0.1632	6.1
4	0.6528	1.5

* Measurements taken from
 Top of Well Casing
 Top of Protective Casing
 (Other, Specify)

Water parameters:

Elapsed Time	Depth To Water	± 3%	± 0.1	± 3%	± 10mV	10%	10%	Flow Rate (ml/min)
		Temperature	pH	Conductivity	Oxidation Reduction Potential	Dissolved Oxygen (mg/l)	Turbidity (NTU)	
1123 0	27.12	13.62	6.78	1.64	38	1.28	340	500 1.000
1128 5	27.16	13.56	7.20	1.63	-9	1.13	350	500 0.998
1133 10	27.17	13.85	7.33	1.64	-32	1.13	280	500 0.998
1138 15	27.16	13.76	7.40	1.64	-42	1.15	240	500 0.998
1143 20	27.16	13.76	7.43	1.64	-50	1.17	180	500 0.998
1148 25	27.14	13.82	7.45	1.64	-55	1.17	170	500 0.998
1153 30	27.14	13.88	7.47	1.65	-60	1.18	130	500 1.000
1158 35	27.14	13.87	7.48	1.65	-64	1.17	100	500 1.000
1203 40	27.14	13.92	7.47	1.65	-66	1.17	85	500 1.000
1208 45	27.14	13.94	7.48	1.65	-68	1.17	60	500 1.000
1213 50	27.14	13.86	7.48	1.65	-70	1.18	55	500 1.000
1218 55	27.14	13.87	7.48	1.64	-71	1.18	45	500 1.000
1223 60	27.14	13.81	7.48	1.64	-72	1.17	45	500 1.000
1226 63	27.14	13.82	7.49	1.64	-72	1.17	45	500 1.000

Water sample:

Density Measurement 1.000

Time collected: 1247

Total volume of purged water removed: 12 gallons

Physical appearance at start

Color slightly cloudy
 Odor no
 Sheen/Free Product no

Physical appearance at sampling

Color clear
 Odor no
 Sheen/Free Product no

Samples collected:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

Notes:

Date 3/14/11 Personnel RT/B Weather ~40° P clear
 Site Name Wastebed 13 SCA Evacuation Method Grundfos (Rediflow) pump Well # SB915-MW-89BR
 Site Location Camillus, NY Sampling Method Grundfos (Rediflow) pump Project # 1163 / 46698

COC # / Field Sample ID :

Well information:

Depth of Well * 129.72 ft.
 Depth to Water * 25.62 ft.
 Length of Water Column _____ ft.

Well Dia (in)	Gallons per Ft	Linear Ft per gallon
1	0.0408	24.5
2	0.1632	6.1
4	0.6528	1.5

* Measurements taken from
 Top of Well Casing
 Top of Protective Casing
 (Other, Specify)

Water parameters:

Elapsed Time	Depth To Water	± 3%	± 0.1	± 3%	± 10mV	10%	10%	Flow Rate (ml/min).
		Temperature	pH	Conductivity	Oxidation Reduction Potential	Dissolved Oxygen (mg/l)	Turbidity (NTU)	
0	25.05	11.59	5.94	5.82	-70	2.24	40.5	200
3	25.15	11.88	6.56	8.26	-155	0.48	425	280
6	25.17	11.90	6.82	8.11	-162	0.25	347	260
9	25.16	11.88	7.05	7.91	-170	0.19	194	260
12	25.15	11.91	7.14	7.78	-175	0.15	114	260
15	25.15	11.92	7.22	7.71	-181	0.12	88.6	240
18	25.12	11.78	7.27	7.55	-187	0.10	58.4	200
21	25.15	11.84	7.39	7.50	-193	0.11	42.8	300
24	25.40	12.14	7.50	7.53	-201	0.16	35.1	300
27	25.40	12.34	7.56	7.33	-205	0.11	22.4	320
30	25.33	12.44	7.59	7.29	-211	0.07	14.6	300
33	25.30	12.43	7.60	7.69	-214	0.04	15.2	300
36	25.30	12.34	7.64	7.62	-216	0.02	8.04	300
39	25.24	12.30	7.66	7.56	-216	0.02	7.95	300
42	25.20	12.22	7.67	7.52	-216	0.00	7.58	260
45	25.20	12.17	7.71	7.48	-219	0.02	6.82	210
48	25.20	12.03	7.70	7.45	-221	0.03	6.05	

Water sample: Density Measurement Initial 1.040 End 1.040

Time collected: _____ Total volume of purged water removed: 18 Gallons w/ sample Jars

Physical appearance at start: Color cloudy Physical appearance at sampling: Color clear Included

Odor NO Odor NO

Sheen/Free Product NO Sheen/Free Product NO

Dup collected SCA-0003-05

Samples collected:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

Notes:

Date 3/14/11 Personnel JMW/ER/JV/WH/RT/JB/TP Weather Sunny 30's
 Site Name Wastebed 13 SCA Evacuation Method Grundfos (Rediflow) pump Well # SB915-MW-800
 Site Location Camillus, NY Sampling Method Grundfos (Rediflow) pump Project # 1163 / 46698

COC # / Field Sample ID :

Well information:

Depth of Well * 75.45 ft.
 Depth to Water * 25.30 ft.
 Length of Water Column 50.15 ft.

Well Dia (in)	Gallons per Ft	Linear Ft per gallon
1	0.0408	24.5
2	0.1632	6.1
4	0.6528	1.5

* Measurements taken from

<input checked="" type="checkbox"/>	Top of Well Casing
<input type="checkbox"/>	Top of Protective Casing
<input type="checkbox"/>	(Other, Specify)

Water parameters: ± 3% ± 0.1 ± 3% ± 10mV 10% 10%

Elapsed Time	Depth To Water	Temperature	pH	mg/cm Conductivity	Oxidation Reduction Potential	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)
0	25.36	12.11	6.58	18.1	91	2.28	71100	500
5	25.36	12.69	6.84	19.9	75	1.34	71100	475
10	25.36	12.77	6.89	20.0	54	1.30	71100	490
15	25.36	13.07	6.93	20.0	48	1.26	71100	500
20	25.36	12.98	6.96	20.1	42	1.26	71100	500
25	25.36	12.92	6.97	20.1	57	1.54	71100	500
30	25.36	12.89	6.98	20.2	46	1.27	850	500
35	25.36	12.94	6.98	20.2	41	1.24	550	500
40	25.36	12.91	6.98	20.2	39	1.20	360	500
45	25.36	12.890	6.98	20.2	37	1.18	230	500
50	25.36	12.92	6.98	20.2	35	1.17	150	500
55	25.36	12.889	6.98	20.3	33	1.17	110	500
60	25.36	13.02	6.98	20.2	32	1.15	85	500
65	25.36	13.09	6.98	20.2	29	1.14	55	500
70	25.36	12.92	6.98	20.2	27	1.15	40	500

Water sample:

Density Measurement 1.006

Time collected: 1315 Total volume of purged water removed: 13 gal

Physical appearance at start: Color Bran/Cloudy Physical appearance at sampling: Color Clear
 Odor None Odor None
 Sheen/Free Product None Sheen/Free Product None

Samples collected:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

Notes:

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date 3/14/11 Personnel EBR Weather 32° Partly Sunny
 Site Name Wastebed 13 SCA Evacuation Method Grundfos (Rediflow) pump Well # SB915-MV-89 I
 Site Location Camillus, NY Sampling Method Grundfos (Rediflow) pump Project # 1163 / 46698

COC # / Field Sample ID :

Well information:

Depth of Well * 55.90 ft.
 Depth to Water * 25.25 ft.
 Length of Water Column _____ ft.

Well Dia (in)	Gallons per Ft	Linear Ft per gallon
1	0.0408	24.5
2	0.1632	6.1
4	0.6528	1.5

* Measurements taken from

<input checked="" type="checkbox"/>	Top of Well Casing
<input type="checkbox"/>	Top of Protective Casing
<input type="checkbox"/>	(Other, Specify)

Water parameters:

Elapsed Time	Depth To Water	± 3%	± 0.1	± 3%	± 10mV	10%	10%	Flow Rate (ml/min).
		Temperature	pH	Conductivity	Oxidation Reduction Potential	Dissolved Oxygen (mg/l)	Turbidity (NTU)	
0	25.38	12.47	6.23	.702	45	0.94	230	400
3	25.41	13.11	6.30	.709	18	0.55	140	540
6	25.40	13.14	6.35	.713	8	0.40	120	500
9	25.39	13.14	6.36	.717	2	0.30	120	500
12	25.40	13.24	6.36	.722	-2	0.24	110	500 1.010
15	25.40	13.27	6.38	.725	-3	0.20	110	500
18	25.40	13.30	6.38	.727	-2	0.15	110	500 1.010
21	25.40	13.20	6.34	.728	-4	0.00	130	500
24	25.40	13.24	6.34	.728	-4	0.00	130	500
27	25.40	13.18	6.32	.727	26	0.00	130	500
30	25.40	13.36	6.31	.727	29	0.00	130	500
33	25.40	13.37	6.32	.728	25	0.00	140	500 1.010
36	25.40	13.40	6.33	.729	13	0.00	100	500
39	25.40	13.41	6.34	.729	11	0.00	100	500
42	25.40	13.37	6.34	.729	10	0.00	100	500
45	25.40	13.40	6.33	.730	9	0.00	90	500
48	25.40	13.42	6.34	.730	7	0.00	90	500
51								
54								
57								
60								

Water sample:

Density Measurement 1.010 1.010

Time collected: 1250

Total volume of purged water removed: 8

Physical appearance at start

Physical appearance at sampling

Color Cloudy
 Odor None
 Sheen/Free Product None

Color Cloudy/Clear
 Odor None
 Sheen/Free Product None

Samples collected:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

Notes:

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date 3/14/11 Personnel NV Weather ~35° PCloudy
 Site Name Wastebed 13 SCA Evacuation Method Grundfos (Rediflow) pump Well # SB915-MW-895
 Site Location Camillus, NY Sampling Method Grundfos (Rediflow) pump Project # 1163 / 46698

COC # / Field Sample ID :

Well information:

Depth of Well * 34.45 ft.
 Depth to Water * 25.29 ft.
 Length of Water Column 10.16 ft.

Well Dia (in)	Gallons per Ft	Linear Ft per gallon
1	0.0408	24.5
2	0.1632	6.1
4	0.6528	1.5

* Measurements taken from

<input checked="" type="checkbox"/>	Top of Well Casing
<input type="checkbox"/>	Top of Protective Casing
<input type="checkbox"/>	(Other, Specify)

Water parameters:

Elapsed Time	Depth To Water	±3%	±0.1	±3%	±10mV	10%	10%	Flow Rate (ml/min).
		Temperature*	pH	Conductivity	Oxidation Reduction Potential	Dissolved Oxygen (mg/l)	Turbidity (NTU)	
1128 0	25-31	18.55	6.69	1.51	127	2.47	450	460 1.002
1133 5	25-33	27.06	6.87	1.30	77	2.09	280	500 1.000
1138 10	25-32	30.20	6.94	1.19	27	0.91	140	490 1.000
1143 15	25-32	33.17	6.96	1.13	20	0.53	90	490 1.000
1148 20	25-32	38.16	6.95	1.05	19	0.18	65	500 1.000
1153 25	25-32	13.02	8.06	1.86	31	0.00	55	490 1.000
1158 30	25-32	13.56	7.69	1.71	16	0.00	37	500 1.000
1203 35	25-32	13.69	7.48	1.65	16	0.00	20	480 1.000
1208 40	25-32	13.80	7.39	1.61	18	0.00	15	500 1.000
1213 45	25-32	13.68	7.36	1.58	20	0.00	12	500 1.000
1216 48	25-32	13.65	7.34	1.58	22	0.00	10	500 1.000
1219 51	25-32	13.74	7.33	1.57	24	0.00	9.3	500 1.000

Water sample:

Density Measurement 1.000

Time collected: 1255

Total volume of purged water removed: 8 gallons

Physical appearance at start

Physical appearance at sampling

Color slightly cloudy white
 Odor no

Color clear
 Odor no

Sheen/Free Product no

Sheen/Free Product no

Samples collected:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

Notes: * sweep flow through cell at 1151, prior to 25 min reading + u22

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date	<u>3/14/11</u>	Personnel	<u>NV</u>	Weather	<u>~35° cloudy</u>
Site Name	<u>Wastebed 13 SCA</u>	Evacuation Method	<u>Grundfos (Rediflow) pump</u>	Well #	<u>SB915-MW-895R</u>
Site Location	<u>Camillus, NY</u>	Sampling Method	<u>Grundfos (Rediflow) pump</u>	Project #	<u>1163 / 46698</u>

COC # / Field Sample ID :

Well Information:

Depth of Well *	<u>22.44</u>	ft.	<table border="1"> <thead> <tr> <th>Well Dia (in)</th> <th>Gallons per Ft</th> <th>Linear Ft per gallon</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>0.0408</td> <td>24.5</td> </tr> <tr> <td>2</td> <td>0.1632</td> <td>6.1</td> </tr> <tr> <td>4</td> <td>0.6528</td> <td>1.5</td> </tr> </tbody> </table>			Well Dia (in)	Gallons per Ft	Linear Ft per gallon	1	0.0408	24.5	2	0.1632	6.1	4	0.6528	1.5	* Measurements taken from
Well Dia (in)	Gallons per Ft	Linear Ft per gallon																
1	0.0408	24.5																
2	0.1632	6.1																
4	0.6528	1.5																
Depth to Water *	<u>Dry</u>	ft.			<input checked="" type="checkbox"/> Top of Well Casing													
Length of Water Column	<u>0</u>	ft.			<input type="checkbox"/> Top of Protective Casing <input type="checkbox"/> (Other, Specify)													

Elapsed Time	Depth To Water	Temperature	pH	Conductivity	Oxidation Reduction Potential	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)
		± 3%	± 0.1	± 3%	± 10mV	10%	10%	
	No Water							

Water sample: Density Measurement NA

Time collected: NA Total volume of purged water removed: _____

Physical appearance at start Physical appearance at sampling

Color _____	Color _____
Odor _____	Odor _____
Sheen/Free Product _____	Sheen/Free Product _____

Samples collected:					
Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

Notes:

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date 3/15/11 Personnel _____ Weather _____
 Site Name Wastebed 13 SCA Evacuation Method Grundfos (Rediflow) pump Well # SB915-MW-10B0
 Site Location Camillus, NY Sampling Method Grundfos (Rediflow) pump Project # 1163 / 46698

COC # / Field Sample ID :

Well information:

Depth of Well * 131.61 ft.
 Depth to Water * 24.95 ft.
 Length of Water Column 106.66 ft.
106.66 x .1632 = 17.4

Well Dia (in)	Gallons per Ft	Linear Ft per gallon
1	0.0408	24.5
2	0.1632	6.1
4	0.6528	1.5

* Measurements taken from
 Top of Well Casing
 Top of Protective Casing
 (Other, Specify)

Elapsed Time	Depth To Water	Temperature	pH	S/M Conductivity	Oxidation Reduction Potential	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	± 3%	± 0.1	± 3%	± 10mV	10%	10%	
0	23.12	10.21	4.96	5.96	54	2.85	26	100							
3	25.21	9.22	5.27	6.07	-8	1.41	27	80							1.028
6	25.69	9.05	5.39	6.07	-25	.76	31	180							
9	26.50	9.65	5.53	6.77	-33	0.32	7999	7999							
12															
0	32.00	11.93	5.97	6.33	-65	0	120	260							
3	31.94	11.50	5.95	6.17	-69	0	140	280							
6	31.93	11.06	5.99	6.08	-69	0	180	280							1.030
9	31.90	11.02	5.91	6.04	-70	0	290	260							
12	31.90	11.03	5.90	6.01	-71	0	340	260							
15	31.90	11.02	5.94	5.96	-76	0	400	260							
18	31.90	11.32	6.13	5.85	-101	0	360	260							
21	31.85	11.41	6.20	5.78	-132	0	250	260							
24	31.80	11.48	6.34	5.73	-147	0	180	260							
27	31.75	11.50	6.35	5.71	-157	0	150	260							
31	31.70	11.23	6.35	5.69	-165	0	120	240							
34	31.65	11.40	6.40	5.67	-169	0	100	240							
37	31.65	11.51	6.46	5.62	-182	0	80	240							
40	31.65	11.13	6.51	5.67	-192	0	75	240							
43	31.65	11.09	6.57	5.64	-200	0	60	240							
46	31.64	11.08	6.69	5.62	-202	0	45	240							
49	31.64	11.22	6.67	5.58	-206	0	40	240							
52															

Water sample:

Density Measurement _____

Time collected: _____ Total volume of purged water removed: _____

Physical appearance at start _____ Physical appearance at sampling _____

Color _____ Color _____

Odor _____ Odor _____

Sheen/Free Product _____ Sheen/Free Product _____

Samples collected:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

Notes:

I:\DIV71\Projects\11631\File Templates\Low Flow GW Sampling.xls
 * well not producing Slug of Turbid water entered. Pumped out @ 500ml. ONCE cleaned Retrieved to stabilize

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

Date: 3/15/11 Personnel: MKH Weather: 40's Sunny
 Site Name: Wastebed 13 SCA Evacuation Method: Grundfos (Rediflow) pump Well #: SB915-MW-90I
 Site Location: Camillus, NY Sampling Method: Grundfos (Rediflow) pump Project #: 1163 / 46698

COC # / Field Sample ID :

Well information:

Depth of Well * 56.25 ft.
 Depth to Water * 23.19 ft.
 Length of Water Column _____ ft.

Well Dia (in)	Gallons per Ft	Linear Ft per gallon
1	0.0408	24.5
2	0.1632	6.1
4	0.6528	1.5

* Measurements taken from

<input checked="" type="checkbox"/>	Top of Well Casing
<input type="checkbox"/>	Top of Protective Casing
<input type="checkbox"/>	(Other, Specify)

Water parameters:

Elapsed Time	Depth To Water	Temperature	pH	Conductivity	Oxidation Reduction Potential	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)
0	23.19	11.50	6.10	11.7	100	3.11	230	600
3	23.26	11.70	6.62	11.7	31	1.83	750	500
6	23.25	11.97	6.81	11.7	6	1.63	870	500
9	23.25	12.15	6.98	11.7	-26	1.51	980	500
12	23.25	12.34	7.08	11.7	-15	2.97	100	500
15	23.25	12.21	7.19	11.7	-46	1.44	500	500
18	23.25	12.43	7.20	11.6	-57	1.41	400	500
21	23.25	12.54	7.21	11.6	-69	1.37	300	500
24	23.25	12.53	7.23	11.6	-81	1.34	180	500
28	23.25	12.57	7.33	11.6	-84	1.34	125	500
33	23.25	12.60	7.36	11.5	-91	1.34	85	500
38	23.25	12.58	7.39	11.5	-102	1.33	45	500
43	23.25	12.64	7.40	11.45	-107	1.32	28	500
48	23.25	12.67	7.42	11.4	-112	1.31	22	500

Empirical Flow through casing

Water sample:

Time collected: 12:06 Density Measurement: 1.0002
 Total volume of purged water removed: 9
 Physical appearance at start: Color chalky Physical appearance at sampling: Color clear
 Odor: _____ Odor: _____
 Sheen/Free Product: _____ Sheen/Free Product: _____

Samples collected:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

Notes:

Date 2/17/11 Personnel JN Weather Sunny 40s-50s
 Site Name Wastebed 13 SCA Evacuation Method Grundfos (Rediflow) pump Well # SB915-MW-91D
 Site Location Camillus, NY Sampling Method Grundfos (Rediflow) pump Project # 1163 / 46698

COC # / Field Sample ID :

Well Information:

Depth of Well * 136.16 ft.
 Depth to Water * 73.45 ft.
 Length of Water Column 62.71 ft.

Well Dia (in)	Gallons per Ft	Linear Ft per gallon
1	0.0406	24.5
2	0.1632	6.1
4	0.6528	1.5

* Measurements taken from
 Top of Well Casing
 Top of Protective Casing
 (Other, Specify)

Water parameters:

Elapsed Time	Depth To Water	± 3%		± 0.1	± 3%		± 10mV	10%		Flow Rate (ml/min.)
		Temperature	pH	S/m Conductivity	Oxidation Reduction Potential	Dissolved Oxygen (mg/l)	Turbidity (NTU)			
0	74.22	12.16	9.95	0.766	46	0.22	550	500	0.999	
5	74.22	13.05	9.57	0.773	45	0.08	55	500	1.000	
10	74.22	13.26	9.38	0.785	44	0.07	27	500	1.000	
15	74.22	13.37	9.19	0.797	-9	0.03	17	500	0.998	
20	74.31	13.44	8.96	0.816	-238	0.01	9.9	500	0.998	
25	74.35	13.46	8.73	0.825	-308	0.01	7.74	500	0.998	
30	74.34	13.61	8.56	0.831	-320	0.02	17.2	500	0.998	
35	74.34	13.65	8.43	0.833	-306	0.01	5.59	500	0.998	
40	74.34	13.68	8.26	0.838	-286	0.01	5.15	500	0.998	
45	74.34	13.69	8.16	0.841	-276	0.01	3.94	500	0.998	
50	74.34	13.79	7.99	0.844	-253	0.01	3.58	500	0.998	
55	74.34	13.80	7.91	0.846	-247	0.01	2.81	500	0.998	
60	74.34	13.85	7.81	0.847	-229	0.01	2.85	500	0.998	
65	74.34	13.89	7.74	0.848	-224	0.00	2.94	500	0.998	
70	74.34	13.91	7.67	0.850	-212	0.00	2.61	500	0.998	
75	74.34	13.88	7.61	0.851	-206	0.00	2.69	500	0.998	
80	74.34	13.95	7.54	0.852	-199	0.00	2.80	500	0.998	
85	74.34	13.94	7.49	0.854	-189	0.00	2.50	500	0.998	
90	74.32	13.96	7.45	0.855	-187	0.00	2.28	500	0.998	
95	74.32	13.96	7.43	0.855	-180	0.00	2.31	500	0.998	

Water sample:

Density Measurement 0.998

Time collected: 1253

Total volume of purged water removed: _____

Physical appearance at start

Physical appearance at sampling

Color Cloudy

Color _____

Odor None

Odor _____

Sheen/Free Product None

Sheen/Free Product _____

Samples collected:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

Notes:

Date 3/17/11 Personnel J. Bove Weather ~45°F Sunny
 Site Name Wastebed 13 SCA Evacuation Method Grundfos (Rediflow) pump Well # SB915-MW-9II
 Site Location Camillus, NY Sampling Method Grundfos (Rediflow) pump Project # 1163 / 46688

COC # / Field Sample ID :

Well information:

Depth of Well * 128.18 ft.
 Depth to Water * 73.86 ft.
 Length of Water Column 54.32 ft.

Well Dia (in)	Gallons per Ft	Linear Ft per gallon
1	0.0408	24.5
2	0.1632	6.1
4	0.6528	1.5

* Measurements taken from

<input checked="" type="checkbox"/>	Top of Well Casing
<input type="checkbox"/>	Top of Protective Casing
<input type="checkbox"/>	(Other, Specify)

Water parameters:

± 3% ± 0.1 ± 3% ± 10mV 10% 10%

0450

Elapsed Time	Depth To Water	Temperature	pH	Conductivity	Oxidation Reduction Potential	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Density
0	73.66	11.08	9.05	8.13	-37	2.49	2160	400	1.004
5	73.60	12.05	7.81	8.45	-94	1.46	2100	400	1.004
10	73.61	12.39	7.56	8.46	-83	1.31	950	460	1.004
15	73.61	12.96	7.32	8.46	-76	1.09	650	570	1.003
20	73.61	12.96	7.29	8.46	-76	1.07	320	500	1.003
25	73.61	13.09	7.22	8.47	-73	1.03	150	480	1.002
30	73.61	13.02	7.19	8.48	-67	1.12	100	480	1.002
35	73.61	12.88	7.15	8.47	-64	1.06	180	480	1.004
40	73.61	12.98	7.14	8.49	-64	1.03	80	480	1.004
45	73.61	13.33	7.16	8.50	-64	0.99	3.9	480	1.004
50	73.61	13.36	7.07	8.51	-63	0.99	0.00	480	1.004
55	73.61	13.39	7.06	8.50	-62	0.98	0.00	480	1.004
60	73.61	13.39	7.05	8.50	-62	0.98	0.00	480	1.004

Water sample:

Density Measurement 1.004

Time collected: 12:13:00

Total volume of purged water removed: ~11 gallons

Physical appearance at start

Physical appearance at sampling

Color Light Brown
 Odor No
 Sheen/Free Product No

Color Clear
 Odor No
 Sheen/Free Product No

Samples collected:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

Notes:

Date 3/17/11 Personnel NV Weather ~50°, sunny
 Site Name Wastebed 13 SCA Evacuation Method Grundfos (Rediflow) pump Well # SB915-MW- 915
 Site Location Camillus, NY Sampling Method Grundfos (Rediflow) pump Project # 1163 / 46698

COC # / Field Sample ID :

Well information:

Depth of Well *	<u>43.96</u> ft.	Well Dia (in)	Gallons per Ft	Linear Ft per gallon	* Measurements taken from <input checked="" type="checkbox"/> Top of Well Casing <input type="checkbox"/> Top of Protective Casing (Other, Specify)
Depth to Water *	<u>21.09</u> ft.	1	0.0408	24.5	
Length of Water Column	<u>22.87</u> ft.	2	0.1632	6.1	
		4	0.6528	1.5	

Water parameters:

Elapsed Time	Depth To Water	Temperature	pH	ns/cn Conductivity	Oxidation Reduction Potential	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)		
0945	0	22.94	12.30	10.25	45.5	-246	1.77	7999	500	1.028
950	5	23.41	12.20	10.47	45.8	-261	0.90	800	300	1.028
955	10	23.66	12.97	10.76	45.6	-275	0.44	700	300	1.026
1000	15	23.81	13.50	10.68	45.8	-283	0.30	750	300	-
1005	20	23.89	13.72	10.78	45.9	-285	0.28	650	300	1.026
1010	25	23.96	13.91	10.89	45.8	-290	0.31	550	300	-
1015	30	24.01	14.04	10.96	45.4	-292	0.22	400	300	1.024
1020	35	24.01	14.13	11.05	44.9	-294	0.18	300	300	-
1025	40	24.02	14.23	11.12	44.6	-296	0.15	210	280	1.024
1030	45	24.02	14.23	11.15	44.4	-297	0.11	220	280	-
1035	50	24.02	14.27	11.19	44.0	-299	0.04	140	280	1.024
1040	55	24.02	14.34	11.18	44.2	-301	0.03	110	280	-
1045	60	24.02	14.39	11.21	44.1	-302	0.01	85	280	1.024
1050	65	24.02	14.40	11.24	44.0	-303	0.00	65	280	-
1055	70	24.02	14.43	11.29	43.8	-304	0.00	50	280	1.024
1100	75	24.02	14.49	11.30	43.9	-304	0.00	40	280	-
1105	80	24.02	14.48	11.37	43.9	-303	0.05	29	280	1.024
1108	83	24.02	14.47	11.40	43.9	-303	0.02	25	280	-
1111	86	24.02	14.50	11.43	43.9	-303	0.02	22	280	1.024
1114	89	24.02	14.54	11.41	43.7	-303	0.02	18	280	-
1117	92									
1120	95									

Water sample: SCA-0006- Density Measurement 1.024

Time collected: 1217 Total volume of purged water removed: 7 Gallons

Physical appearance at start: Color milky white, Odor leachate, Sheen/Free Product no

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

Samples collected:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

Notes:

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date 3/17/11

Personnel EBR

Weather Sunny

Site Name Wastebed 13 SCA

Evacuation Method Grundfos (Rediflow) pump

Well # SB915-MW-91SN

Site Location Camillus, NY

Sampling Method Grundfos (Rediflow) pump

Project # 1163 / 46698

COC # / Field Sample ID :

Well information:

Depth of Well * 90.15 ft.

Depth to Water * 73.95 ft.

Length of Water Column _____ ft.

Well Dia (in)	Gallons per Ft	Linear Ft per gallon
1	0.0408	24.5
<u>(2)</u>	0.1632	6.1
4	0.6528	1.5

* Measurements taken from

<u>X</u>	Top of Well Casing
<input type="checkbox"/>	Top of Protective Casing
<input type="checkbox"/>	(Other, Specify)

Water parameters:

Elapsed Time	Depth To Water	± 3%		± 0.1	± 3%	± 10mV	10%	10%	Flow Rate (ml/min).
		Temperature	pH	ms/cm Conductivity	Oxidation Reduction Potential	Dissolved Oxygen (mg/l)	Turbidity (NTU)		
0	74.34	14.20	7.16	12.1	-81	0.00	71.8	620	1.005
5	74.30	14.63	7.22	10.2	-69	0.00	45.9	560	1.005
10	74.29	14.64	7.25	9.8	-67	0.00	37.0	540	1.004
15	74.27	14.73	7.26	9.4	-67	0.00	29.9	500	1.004
20	74.26	14.93	7.28	9.2	-67	0.00	30.4	500	1.004
25	74.26	15.08	7.27	9.3	-64	0.00	24.7	500	1.004
30	74.24	15.15	7.28	9.15	-65	0.00	32.2	500	1.003
35	74.25	15.27	7.24	9.01	-66	0.00	21.5	490	1.003

Water sample:

Density Measurement 1.003

Time collected: 1115

Total volume of purged water removed: 10

Physical appearance at start

Color Clear

Odor None

Sheen/Free Product None

Physical appearance at sampling

Color Clear

Odor None

Sheen/Free Product None

Samples collected:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

Notes:

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date 3/16/11 Personnel JN/WH/TP/MM/NU/SB/ER Weather 30s-40s Rain
Site Name Wastebed 13 SCA Evacuation Method Grundfos (Rediflow) pump Well # SB915-MW- 920
Site Location Camillus, NY Sampling Method Grundfos (Rediflow) pump Project # 1163 / 46698

COC # / Field Sample ID :

Well information:

Depth of Well * 105.35 ft.
Depth to Water * 72.78 ft.
Length of Water Column 32.57 ft.

Table with 3 columns: Well Dia (in), Gallons per Ft, Linear Ft per gallon. Rows 1, 2, 4.

* Measurements taken from

Table with 2 columns: X, Top of Well Casing; Top of Protective Casing; (Other, Specify)

Water parameters:

Main data table with columns: Elapsed Time, Depth To Water, Temperature, pH, s/m Conductivity, Oxidation Reduction Potential, Dissolved Oxygen (mg/l), Turbidity (NTU), Flow Rate (ml/min).

0.998
0.996
0.996
0.996
0.996
0.996
0.996
0.996
0.996
0.996
0.996
0.996
0.996

Water sample:

Density Measurement 0.996
Time collected: 1142 Total volume of purged water removed: 8gal
Physical appearance at start Physical appearance at sampling
Color Clear Color Clear
Odor None Odor None
Sheen/Free Product None Sheen/Free Product None

Samples collected:

Table with 6 columns: Container Size, Container Type, # Collected, Field Filtered, Preservative, Container pH.

Notes:

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date 3/16/11 Personnel NV Weather 40° Rain
 Site Name Wastebed 13 SCA Evacuation Method Grundfos (Rediflow) pump Well # SB915-MW- 92J
 Site Location Camillus, NY Sampling Method Grundfos (Rediflow) pump Project # 1163 / 46698

COC # / Field Sample ID :

Well Information:

Depth of Well * 81.09 ft.
 Depth to Water * 72.66 ft.
 Length of Water Column 8.43 ft.

Well Dia (in)	Gallons per Ft	Linear Ft per gallon
1	0.0408	24.5
2	0.1632	6.1
4	0.6528	1.5

* Measurements taken from

<input checked="" type="checkbox"/>	Top of Well Casing
<input type="checkbox"/>	Top of Protective Casing
<input type="checkbox"/>	(Other, Specify)

Water parameters:

± 3% ± 0.1 ± 3% ± 10mV 10% 10%

Elapsed Time	Depth To Water	Temperature	pH	ms/cm Conductivity	Oxidation Reduction Potential	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)
1015	73.54	11.21	11.72	51.9	25	2.68	799	500
1020	73.57	11.89	11.49	39.0	230	1.09	799	500
1025	73.77	15.31	10.93	27.8	221	0.46	750	500
1030	74.00	15.19	10.18	24.1	208	0.29	650	500
1035	73.90	15.10	9.00	20.2	191	0.03	450	480
1040	73.91	15.21	8.60	18.1	168	0.00	320	470
1045	73.97	15.17	8.30	16.4	158	0.00	270	500
1050	73.89	15.08	8.15	15.2	150	0.00	180	480
1055	73.89	15.23	8.06	14.6	148	0.00	120	480
1060	73.89	15.24	8.00	14.0	146	0.00	100	500
1065	73.89	15.26	7.95	13.3	144	0.00	90	490
110	73.90	15.21	7.92	13.1	142	0.00	70	500
115	73.91	15.22	7.89	12.4	140	0.00	53.9	500
1120	73.90	15.14	7.85	12.3	138	0.00	48.4	500
1123	73.91	15.15	7.84	12.1	138	0.00	43.7	500
1126	73.91	15.08	7.83	11.7	137	0.00	46.6	500
1129	73.91	15.15	7.81	11.6	136	0.00	39.2	500
1132	73.91	15.15	7.80	11.4	135	0.00	32.8	500
1135	73.91	15.15		11.4	135	0.00	32.0	500

Water sample: SCA-0005-02

Density Measurement 1.004

Time collected: 1215

Total volume of purged water removed: 12 gallons

Physical appearance at start

Physical appearance at sampling

Color milky white

Color clear

Odor leachate

Odor none

Sheen/Free Product no

Sheen/Free Product none

Samples collected:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

Notes:

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date 3/16/11 Personnel ER Weather 40° Rain
 Site Name Wastedbed 13 SCA Evacuation Method Grundfos (Rediflow) pump Well # SB915-MW-925
 Site Location Camillus, NY Sampling Method Grundfos (Rediflow) pump Project # 1163 / 46698

COC # / Field Sample ID :

Well Information:

Depth of Well * 50.46 ft.
 Depth to Water * 18.78 ft.
 Length of Water Column _____ ft.

Well Dia (in)	Gallons per Ft	Linear Ft per gallon
1	0.0408	24.5
2	0.1632	6.1
4	0.6528	1.5

* Measurements taken from

<input checked="" type="checkbox"/>	Top of Well Casing
<input type="checkbox"/>	Top of Protective Casing
<input type="checkbox"/>	(Other, Specify)

Water parameters:

± 3% ± 0.1 ± 3% ± 10mV 10% 10%

Elapsed Time	Depth To Water	Temperature	pH	γ _m Conductivity	Oxidation Reduction Potential	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min).
0	20.55	12.26	12.38	3.56	-298	0.28	1000	400
3	21.57	12.49	12.51	3.55	-304	0.12	380	240
6	21.88	12.77	12.53	3.54	-307	0.11	290	250
9	22.11	13.24	12.53	3.53	-306	0.10	220	250
12	22.22	13.57	12.53	3.53	-306	0.11	200	280
15	22.31	13.58	12.53	3.55	-305	0.12	210	280
18	22.38	13.77	12.53	3.54	-304	0.12	190	290
21	22.54	13.84	12.53	3.51	-303	0.14	120	280
24	22.60	13.92	12.53	3.48	-303	0.15	95	280
27	22.65	13.99	12.53	3.47	-303	0.15	70	250
30	22.70	14.00	12.53	3.47	-304	0.16	55	280
33	22.81	14.15	12.52	3.46	-305	0.16	38	300

1.022
1.022
1.020
1.020

Water sample: SCA-0005-01 Density Measurement 1.020
 Time collected: 11:50 Total volume of purged water removed: _____
 Physical appearance at start: Color Cloudy, Odor None, Sheen/Free Product None
 Physical appearance at sampling: Color Clear, Odor None, Sheen/Free Product None

Samples collected:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

Notes:

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date 3/10/11 Personnel MJ/SB/RT/MN/JN Weather ~40°, 2 Rain
 Site Name Wastebed 13 SCA Evacuation Method Grundfos (Rediflow) pump Well # SB915-WB-22
 Site Location Camillus, NY Sampling Method Grundfos (Rediflow) pump Project # 1163 / 46698

COC # / Field Sample ID :

Well information:

Depth of Well * 110.33 ft.
 Depth to Water * 27.81 ft.
 Length of Water Column 82.52 ft.

Well Dia (in)	Gallons per Ft	Linear Ft per gallon
1	0.0408	24.5
2	0.1632	6.1
4	0.6528	1.5

* Measurements taken from

<input checked="" type="checkbox"/>	Top of Well Casing
<input type="checkbox"/>	Top of Protective Casing
<input type="checkbox"/>	(Other, Specify)

1155 start pumping

Water parameters: ± 3% ± 0.1 ± 3% ± 10mV 10% 10%

Elapsed Time Min	Depth To Water	Temperature	pH	ms/cm Conductivity	Oxidation Reduction Potential	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)
0	27.80	8.87	5.63	99.9	-116	0	3.2	500
5	27.80	9.63	5.76	99.9	-109	0	8.3	500
10	27.80	9.77	5.78	99.9	-105	0	5.3	500
15	27.80	9.82	5.80	99.9	-102	0	3.2	500
20	27.80	9.84	5.81	99.9	-98	0	2.5	500
25	27.80	9.80	5.80	99.9	-96	0	2.0	500
30	27.80	9.64		88.9		0		500
35	27.80			89.9				500
40	27.80			90.2				500

1.054
1.052
1.052
1.052
1.052
1.052
1.052
1.052
1.052

Water sample:

Density Measurement 1.022

Time collected: 1330

Total volume of purged water removed: 10 gal

Physical appearance at start

Physical appearance at sampling

Color Grey

Color Clear

Odor Surface like

Odor None

Sheen/Free Product None

Sheen/Free Product None

Samples collected:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

Notes: Horizon chipped out due to Conductivity error. All other values stable.

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date 3/10/11 Personnel JN/UV/SB/RT/ER/WJ/MN Weather 40's Rain
 Site Name Wastebed 13 SCA Evacuation Method Grundfos (Rediflow) pump Well # SB915-WB-2A
 Site Location Camillus, NY Sampling Method Grundfos (Rediflow) pump Project # 1183 / 46698

COC # / Field Sample ID :

Well information:

Depth of Well * 45.52 ft.
 Depth to Water * 25.63 ft.
 Length of Water Column 19.89 ft.

Well Dia (in)	Gallons per Ft	Linear Ft per gallon
1	0.0408	24.5
2	0.1632	6.1
4	0.6528	1.5

* Measurements taken from

<input checked="" type="checkbox"/>	Top of Well Casing
<input type="checkbox"/>	Top of Protective Casing
<input type="checkbox"/>	(Other, Specify)

Water parameters:

Elapsed Time	Depth To Water	Temperature	pH	ms/cm Conductivity	Oxidation Reduction Potential	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)
		± 3%	± 0.1	± 3%	± 10mV	10%	10%	
0	25.70	8.75	6.64	1.17	29	0.0	9.3	500
3	25.65	9.31	6.74	1.18	18	0.0	6.5	
6	25.65	9.24	6.82	1.18	22	0.0	5.0	400
9	25.65	9.36	6.85	1.18	22	0.0	3.8	560
12	25.66	9.29	6.87	1.19	17	0.0	3.7	460
15	25.66	9.42	6.89	1.19	14	0.0	3.7	480
18	25.66	9.43	6.90	1.19	13	0.0	3.4	480
21	25.66	9.41	6.91	1.20	11	0.0	3.2	460
24	25.66	9.48	6.92	1.20	10	0.0	3.0	480
27								

Water sample:

Density Measurement 1.002

Time collected: 1318

Total volume of purged water removed: _____

Physical appearance at start

Physical appearance at sampling

Color Grey
 Odor None
 Sheen/Free Product None

Color Clear
 Odor None
 Sheen/Free Product None

Samples collected:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

Notes:

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date 3/15/11 Personnel JN/ER/MM/TP/WIT/RT Weather Sunny 40s
 Site Name Wastebed 13 SCA Evacuation Method Grundfos (Rediflow) pump Well # SB915-MW-4L
 Site Location Camillus, NY Sampling Method Grundfos (Rediflow) pump Project # 1163 / 48698

COC # / Field Sample ID :

Well information:

Depth of Well * 102.32 ft.
 Depth to Water * 22.11 ft.
 Length of Water Column 80.21 ft.

Well Dia (in)	Gallons per Ft	Linear Ft per gallon
1	0.0408	24.5
2	0.1632	6.1
4	0.6528	1.5

* Measurements taken from

<input checked="" type="checkbox"/>	Top of Well Casing
<input type="checkbox"/>	Top of Protective Casing
<input type="checkbox"/>	(Other, Specify)

Water parameters: ± 3% ± 0.1 ± 3% ± 10mV 10% 10%

Elapsed Time	Depth To Water	Temperature	pH	ms/cm Conductivity	Oxidation Reduction Potential	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)
0	22.10	10.91	7.90	17.2	-280	0.00	15.1	500
5	22.10	11.75	8.15	17.3	-268	0.00	4.31	500
10	22.10	12.03	7.91	17.5	-243	0.00	0.21	500
15	22.10	12.17	7.78	17.5	-238	0.00	7.90	500
20	22.10	12.34	7.73	17.5	-236	0.00	7.20	500
25	22.10	12.43	7.70	17.5	-237	0.00	7.50	500
30	22.10	12.43	7.69	17.6	-237	0.00	7.20	500

1025

1.006
1.007
1.006
1.006
1.006
1.006
1.006

Water sample: Density Measurement 1.006

Time collected: 1135 Total volume of purged water removed: 7gal

Physical appearance at start: Color Clear Physical appearance at sampling: Color Clear
 Odor Sulfur like odor Odor None

Sheen/Free Product None Sheen/Free Product None

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

Notes:

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date 3/15/11 Personnel EBR Weather 35° Sunny
 Site Name Wastedbed 13 SCA Evacuation Method Grundfos (Rediflow) pump Well # SB915-~~44~~ 44
 Site Location Camillus, NY Sampling Method Grundfos (Rediflow) pump Project # 1163 / 46688

COC # / Field Sample ID :

Well information:

Depth of Well * 41.39 ft.
 Depth to Water * 22.69 ft.
 Length of Water Column _____ ft.

Well Dia (in)	Gallons per Ft	Linear Ft per gallon
1	0.0408	24.5
2	0.1832	6.1
4	0.6528	1.5

* Measurements taken from

<input checked="" type="checkbox"/>	Top of Well Casing
<input type="checkbox"/>	Top of Protective Casing
<input type="checkbox"/>	(Other, Specify)

Water parameters:

Elapsed Time	Depth To Water	Temperature	pH	Conductivity	Oxidation Reduction Potential	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)
0	22.70	12.95	6.39	.784	-155	.02	.75	440
3	22.70	13.22	6.57	.790	-162	.00	.00	510
6	22.70	13.21	6.64	.793	-166	.00	.00	560
9	22.70	12.86	6.76	.794	-166	.00	.00	400
12	22.70	13.13	6.82	.796	-168	.00	.00	400
15	22.70	13.21	6.87	.797	-169	.00	.15	440
18	22.70	13.22	6.90	.797	-170	.00	.00	400
21	22.70	13.21	6.94	.798	-172	.00	.00	480
24	22.69	13.09	6.98	.799	-174	.00	.00	460
27	22.70	13.13	7.00	.800	-175	.00	.00	460
30	22.69	13.06	7.02	.801	-176	.00	.00	400

1.000
1.000
1.000

Water sample:

Density Measurement 1.000

Time collected: 12:25

Total volume of purged water removed: 5

Physical appearance at start

Physical appearance at sampling

Color Clear
 Odor None
 Sheen/Free Product None

Color Clear
 Odor None
 Sheen/Free Product None

Samples collected:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

Notes:

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date 3/24/11 Personnel J. Beier / E. Lahn Weather ~30° Sunny
 Site Name SB915 Evacuation Method Grundfos Pump Well # SB915-MW-91BR
 Site Location Camillus, NY Sampling Method Low Flow Project # 46698.001.100

Well information:

Depth of Well * 210.10 ft.
 Depth to Water * 82.52 ft.
 Length of Water Column 127.58 ft.
 Well Volume 20.79

Well Dia (in)	Gallons per Ft	Linear Ft per gallon
1	0.0408	24.5
2	0.1632	6.1
4	0.6528	1.5

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

Water parameters: Lower submersible pump slowly through stagnant water column
 Position pump in center of screened interval & maximum pumping rate of 0.5 liters/minute
 Collect readings at every three minute intervals

Elapsed Time	Depth To Water	Temperature	pH	sfm Conductivity	Oxidation Reduction Potential	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)
0	90.25	9.29	9.36	Flushing 99.9	-219	1.02	80	160
5	92.06	8.20	8.91	>99.9	-228	.86	75	90
10	92.48	7.18	8.87		-221	.83	75	60
15	92.90	6.91	8.87		-216	.81	100	60
20	93.15	6.33	8.85		-207	.83	95	60
25	93.39	5.32	8.86		-199	.85	65	40
30	99.99							100
40	111.72	10.21	8.82	>99.9	-253	.60	65	100
45	111.84	8.33	8.87	>99.9	-248	.56	80	100
50	111.90	7.84	8.88	>99.9	-242	.51	105	50
55	111.85	7.33	8.88	>99.9	-234	.50	65	60

1.090

Water sample:
 Time collected: _____ Total volume of purged water removed: 22 gallons removed
 Physical appearance at start _____ Physical appearance at sampling _____
 Color _____ Color _____
 Odor _____ Odor _____
 Sheen/Free Product _____ Sheen/Free Product _____

Samples collected:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

Notes: 1330 Purged well dry, will sample in ~24 hrs with bailer.

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date 3/24/11 Personnel J. Bone Weather 43°F Sunny
 Site Name SB915 Evacuation Method Grundfos Pump Well # SB915-MW-04BR-9282
 Site Location Camillus, NY Sampling Method Low Flow Project # 46698.001.100

Well information:

Depth of Well * 195.89 ft.
 Depth to Water * 74.90 ft.
 Length of Water Column 120.99 ft.

Well Dia (in)	Gallons per Ft	Linear Ft per gallon
1	0.0408	24.5
2	0.1632	6.1
4	0.6528	1.5

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

Water parameters: Lower submersible pump slowly through stagnant water column
 Position pump in center of screened interval & maximum pumping rate of 0.5 liters/minute
 Collect readings at every three minute intervals

Elapsed Time	Depth To Water	Temperature	pH	µS/cm Conductivity	Oxidation Reduction Potential	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Density
0	74.40								
0	79.91	6.40	7.04	799.9	-54	0.00	639	166	
5	80.40	7.20	7.20	799.9	-53	0.00	469	200	1.040
10	81.20	6.08	7.35	799.9	-55	0.00	304	200	1.040
15	81.75	6.89	7.34	799.9	-58	0.00	241	200	1.040
20	85.35	9.30	7.20	799.9	-52	0.00	128	200	1.046
25	86.25	7.41	7.22	799.9	-48	0.00	165	100	1.040
30	86.55	6.92	7.24	799.9	-49	0.00	193	100	1.040
35	86.75	6.20	7.29	799.9	-49	0.00	181	100	1.040
40	87.00	5.97	7.32	799.9	-50	0.00	108.4	100	1.040
45									

Water sample:

Time collected: _____ Total volume of purged water removed: ~23 gal
 Physical appearance at start: Color Very light brown Physical appearance at sampling: Color _____
 Odor No Odor _____
 Sheen/Free Product No Sheen/Free Product _____

Samples collected:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

Notes: * Depressed water table ~ 5.0' ** Dropped draw ~ 4.0' 1945 Purged well dry 0.75: 1944.1 Total water removed = 24 gal.
 *** Purging water & degassing w/ to 2134. Then try to maintain low flow

Groundwater Sampling Logs
2nd Quarter 2011

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date 6-22-11 Personnel CYU Weather Rain 80F
 Site Name SB915 Evacuation Method Ground PDS Well # SB915-MW-8TJ
 Site Location Camillus, NY Sampling Method _____ Project # 46698.001.100

Well information:

Depth of Well * 75.11 ft.
 Depth to Water * 28.31 ft.
 Length of Water Column 46.80 ft.

* Measurements taken from

<input checked="" type="checkbox"/>	Top of Well Casing
<input type="checkbox"/>	Top of Protective Casing
<input type="checkbox"/>	(Other, Specify)

Start Purge Time: ~~1430~~ 1430

Elapsed Time (min.)	(0.3-ft) Depth To Water (ft)	(3%) Temperature (celsius)	(0.1) pH	(3%) Conductivity (ms/cm)	(10 mV) Oxidation Reduction Potential	(10%) Dissolved Oxygen (mg/l)	(10%) Turbidity (NTU)	(100-500 ml/min) Flow Rate (ml/min)
0	28.34	12.58	7.31	4.04	22	1.63	880	450
3	28.31	10.92	7.12	4.76	-12	0.00	882	400
6	28.31	11.74	7.14	4.86	-27	0.00	21.000	450
9	28.35	11.53	7.11	4.90	-28	0.00	871	450
12	28.35	11.54	7.10	4.90	-30	0.00	693	450
15	28.31	11.50	7.10	4.92	-27	0.00	550	450
18	28.31	11.43	7.10	4.93	-18	0.00	380	450
21	28.35	11.52	7.10	4.94	-10	0.00	270	450
24	28.31	11.58	7.11	4.95	-3	0.00	137	450
27	28.31	11.59	7.11	4.96	2	0.00	88.4	450
30	28.31	11.55	7.11	4.96	6	0.00	54.2	450
33	28.31	11.58	7.11	4.96	9	0.00	44.7	450
36	28.31	11.50	7.11	4.96	12	0.00	35.9	450
39	28.31	11.55	7.11	4.97	15	0.00	22.8	450
42	28.31	11.58	7.11	4.97	16	0.00	17.3	450
45	28.31	11.58	7.11	4.97	18	0.00	15.0	450

End Purge Time: 1515

Water sample:

Time collected: 1540

Total volume of purged water removed: ~ 8 gal

Physical appearance at start

Color brownish
 Odor ND
 Sheen/Free Product ND

Physical appearance at sampling

Color clear
 Odor ND
 Sheen/Free Product ND

Field Test Results:

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

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date 6/22/11 Personnel Scott Tucker/BST Weather Rain 60's
 Site Name SB915 Evacuation Method Grundfos Well # SB915-MW-8TBR
 Site Location Camillus, NY Sampling Method Grundfos Project # 46698.001.100

Well information:

Depth of Well * 129.30 ft. * Measurements taken from
 Depth to Water * 29.18 ft. X Top of Well Casing 127.50 Hz
 Length of Water Column 100.12 ft. Top of Protective Casing
 (Other, Specify)

Start Purge Time: 1155 2.0

Elapsed Time (min.)	(0.3-ft) Depth To Water (ft)	(3%) Temperature (celsius)	(0.1) pH	(3%) Conductivity (ms/cm)	(10 mV) Oxidation Reduction Potential	(10%) Dissolved Oxygen (mg/l)	(10%) Turbidity (NTU)	(100-500 ml/min) Flow Rate (ml/min)
0	31.24	10.52	10.55	64.4	-5	0.52	2.4	240
3	31.30	10.87	10.25	70.9	-9	0.00	21.2	300
8.6	31.23	10.77	10.10	72.3	-11	0.00	27.1	260
9	31.28	10.65	10.01	73.0	-11	0.00	4.1	280
12	31.35	10.57	9.98	73.3	-11	0.00	59.0	300
15	31.32	10.54	9.95	73.5	-12	0.00	59.7	280
18	31.31	10.66	9.91	73.8	-12	0.00	65.0	260
21	31.26	10.76	9.83	75.0	-10	0.00	51.3	260
24	31.20	10.88	9.60	77.5	-2	0.0	24.1	260
27	31.20	11.00	9.48	78.8	2	0.0	18.0	260
30	31.18	10.77	9.42	80.4	4	0.0	14.6	260
33	31.11	10.77	9.35	81.6	5	0.0	12.8	260
36	31.11	10.81	9.32	81.9	4	0.0	12.8	240
39	31.11	10.82	9.25	82.5	-11	0.0	11.8	240
42	31.05	10.74	9.16	83.3	-56	0.0	11.3	260
45	31.05	10.70	9.10	83.7	-120	0.0	10.9	260
48	31.10	10.65	9.07	84.0	-148	0.0	10.1	260
51	31.05	10.67	9.00	84.3	-181	0.0	8.6	260
54	31.03	10.74	8.99	84.3	-188	0.0	8.6	260
57	31.05	10.73	8.97	84.4	-193	0.0	8.3	260
60	31.00	10.81	8.83	85.3	-249	0.0	6.2	260
63	30.98	10.82	8.82	85.3	-253	0.0	6.0	260
66	30.98	10.80	8.78	85.6	-263	0.0	5.8	260

End Purge Time: _____

Water sample: _____

Time collected: _____

Physical appearance at start

Color _____
 Odor _____

Sheen/Free Product _____

1.040 hydro stat
1.046 End

Total volume of purged water removed: _____

Physical appearance at sampling

Color _____
 Odor _____

Sheen/Free Product _____

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

Page 1 of

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date 6/2/11 Personnel RJT Weather Rain 60's
 Site Name Wasteland 13 SCA Evacuation Method GRUNDFOSS Well # SB915-MW-87BR
 Site Location Camill Sampling Method GRUNDFOSS Project # 1163/46698

COC # / Field Sample ID :

Well information:

Depth of Well * 129.30 ft.
 Depth to Water * 29.18 ft.
 Length of Water Column 100.12 ft.

Well Dia (in)	Gallons per Ft	Linear Ft per gallon
1	0.0408	24.5
2	0.1632	6.1
4	0.6528	1.5

* Measurements taken from
 Top of Well Casing
 Top of Protective Casing
 (Other, Specify)

Water parameters:

Elapsed Time	Depth To Water	Temperature	pH	Conductivity	Oxidation Reduction Potential	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min).
63 69	30.98	10.84	8.75	85.5	-268	0.0	5.4	250
66 72	30.98	10.80	8.74	85.8	-274	0.0	5.1	250
69 75	30.98	10.82	8.71	85.8	-275	0.0	8.0	250
72 78								
75 81								
78 84								
81 87								
84 90								

Water sample: 0001 MW-87BR **Density Measurement** _____
0002 MS
0003 MSD
Time collected: _____ **Total volume of purged water removed:** _____
Physical appearance at start **Physical appearance at sampling**
 Color _____ Color _____
 Odor _____ Odor _____
 Sheen/Free Product _____ Sheen/Free Product _____

Samples collected:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

Notes:

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date 6/22/11 Personnel SMT Weather Rain ~80°F
 Site Name SB915 Evacuation Method Gravel/Fes Well # 3B915-WA-24
 Site Location Camillus, NY Sampling Method Gravel/Fes Project # 46698.001.100

Well information:

Depth of Well * 45.52 ft.
 Depth to Water * 26.84 ft.
 Length of Water Column 18.68 ft.

* Measurements taken from

<input checked="" type="checkbox"/>	Top of Well Casing
<input type="checkbox"/>	Top of Protective Casing
<input type="checkbox"/>	(Other, Specify)

Start Purge Time: 1427

Elapsed Time (min.)	(0.3-ft) Depth To Water (ft)	(3%) Temperature (celsius)	(0.1) pH	(3%) Conductivity (ms/cm) ✓	(10 mV) Oxidation Reduction Potential	(10%) Dissolved Oxygen (mg/l)	(10%) Turbidity (NTU)	(100-500 ml/min) Flow Rate (ml/min).
0	26.85	11.47	7.38	1.20	102	6.09	70.2	600
4	26.85	11.31	7.33	1.11	92	7.10		
9	26.85	11.64	7.34	1.09	95	0.22	0	420
12	26.85	11.72	7.33	1.10	94	0.13	4.43	400
15	26.85	11.77	7.34	1.10	91	0.06	4.43	420
18	26.85	11.79	7.34	1.09	88	0.00	3.92	420
21	26.85	11.77	7.33	1.09	88	0.00	3.62	400
24	26.85	11.89	7.32	1.09	90	0.00	3.31	400
27	26.85	12.04	7.31	1.09	92	0.00	3.10	400
30	26.85	12.06	7.33	1.09	93	0.00	2.51	400

End Purge Time: 1517

Density Beginning 1.000
 End 1.000

Water sample:

Time collected: 1517

Total volume of purged water removed: 5.5 gallons

Physical appearance at start

Physical appearance at sampling

Color Clear
 Odor none
 Sheen/Free Product none

Color Clear
 Odor None
 Sheen/Free Product None

Field Test Results:

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

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date: 6/22/11 Personnel: EPR Weather: 80° Rain
 Site Name: SB915 Evacuation Method: Gravities Well #: SB915-WB-21
 Site Location: Camillus, NY Sampling Method: _____ Project #: 46698.001.100

Well information:
 Depth of Well * 110.33 ft.
 Depth to Water * 29.00 ft.
 Length of Water Column 81.33 ft.
 * Measurements taken from
 Top of Well Casing
 Top of Protective Casing
 (Other, Specify)

Start Purge Time: 1440

Elapsed Time (min.)	(0.3-ft) Depth To Water (ft)	(3%) Temperature (celsius)	(0.1) pH	(3%) S/m Conductivity (ms/cm)	(10 mV) Oxidation Reduction Potential	(10%) Dissolved Oxygen (mg/l)	(10%) Turbidity (NTU)	(100-500 ml/min) Flow Rate (ml/min).
0	29.00	11.09	7.54	>10	-107	0.00		420
3	29.00	10.69	6.94	>10	-82	0.00		420
6	29.00	10.59	6.69	9.51	-65	0.00		420
9	29.00	10.61	6.54	9.70	-53	0.00	17.6	420
12	29.00	10.62	6.37	>10	-42	0.00	13.5	420
15	29.00	10.61	6.33	>10	-39	0.00	17.2	420
18	29.00	10.64	6.28	>10	-35	0.00	17.6	420
21	29.00	10.63	6.24	9.90	-32	0.00	12.6	430
24	29.00	10.68	6.21	9.91	-30	0.00	10.87	430
27	29.00	10.73	6.19	9.92	-29	0.00	7.65	430
30	29.00	10.72	6.17	8.25	-27	0.00	13.2	420
33	29.00	10.74	6.15	9.91	-26	0.00	9.73	420
36	29.00	10.74	6.14	9.94	-25	0.00	7.10	420
39	29.00	10.74	6.13	>10	-24	0.00	7.43	420

1.054

End Purge Time: 1529 SG: 1.054

Water sample: _____
 Time collected: 1550 Total volume of purged water removed: 49AL
 Physical appearance at start: _____ Physical appearance at sampling: _____
 Color: Black Color: Clear
 Odor: Yes Odor: _____
 Sheen/Free Product: None Sheen/Free Product: None

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

Analytical Parameters: Part 300 Base line

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date 8/23/11 Personnel SMT Weather Overcast 75
 Site Name Wastet Evacuation Method Grundfos Well # SB915-MW-885
 Site Location Camilli Sampling Method Grundfos Project # 1163/46698

COC # / Field Sample ID :

Well information:

Depth of Well * 37.42 ft.
 Depth to Water * 28.64 ft.
 Length of Water Column 8.78 ft.

Well Dia (in)	Gallons per Ft	Linear Ft per gallon
1	0.0408	24.5
2	0.1632	6.1
4	0.6528	1.5

#8112
116.5HZ

* Measurements taken from
 Top of Well Casing
 Top of Protective Casing
 (Other, Specify)

Water parameters:

Elapsed Time	Depth To (±0.3) Water	(3%) Temperature	(0.1) pH	MS/cm ^(3%) Conductivity	Oxidation Reduction Potential	Dissolved Oxygen (mg/l) (10%)	(10%) Turbidity (NTU)	Flow Rate (ml/min).
34	28.64	12.94	6.89	2.43	106	0.00	1531	300
37	28.64	13.58	6.91	2.40	80	0.00	1695	300
40	28.64	14.22	6.91	2.44	40	0.00	882	300
43	28.64	15.43	6.91	2.64	15	0.00	417	300
48	28.64	15.91	6.87	3.06	-2	0.00	329	500 300
48	28.64	15.95	6.89	3.14	-7	0.00	290	300
50	28.64	15.91	6.87	3.24	-16	0.00	306	300
51	28.64	16.01	6.86	3.32	-21	0.00	270	300
57	28.64	16.06	6.85	3.40	-25	0.00	270	300
0	28.64	16.08	6.84	3.46	-27	0.00	250	300
3	28.64	16.11	6.84	3.53	-29	0.00	214	300
6	28.64	16.15	6.84	3.57	-30	0.00	150	300
9	28.65	16.14	6.84	3.61	-30	0.00	125	300
2	28.66	16.10	6.84	3.66	-32	0.00	101.5	280
5	28.65	16.10	6.84	3.67	-32	0.00	97.0	280
8	28.65	16.11	6.84	3.69	-34	0.00	77.3	280
11	28.65	16.13	6.84	3.70	-34	0.00	69.1	280
4	28.65	16.15	6.84	3.71	-35	0.00	64.8	280
7	28.65	16.16	6.84	3.71	-36	0.00	57.3	280
0	28.65	16.19	6.85	3.72	-36	0.00	59.3	280
3	28.65	16.25	6.85	3.73	-37	0.00	53.8	260
6	28.65	16.39	6.85	3.74	-39	0.00	43.0	260
9	28.65	16.42	6.85	3.76	-40	0.00	47.8	250
2	28.65	16.39	6.85	3.78	-40	0.00	43.0	250
5								

Water sample: Density Measurement End 1.002 Beginning 1.002
 Time collected: 1105 Total volume of purged water removed: 6 gallons
 Physical appearance at start: Color brown (light) Physical appearance at sampling: Color none/clear
 Odor no Odor none
 Sheen/Free Product no Sheen/Free Product none

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

Notes:

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date 6/23/11 Personnel TBP CVU Weather _____
 Site Name Wastet Evacuation Method ground Fos Well # SR915-MW-88 J
 Site Location Camill Sampling Method _____ Project # 1163/46698

COC # / Field Sample ID :

Well information:

Depth of Well * 54.96 ft.
 Depth to Water * 28.36 ft.
 Length of Water Column 26.6 ft.
 Start time: 9:35

Well Dia (in)	Gallons per Ft	Linear Ft per gallon
1	0.0408	24.5
2	0.1632	6.1
4	0.6528	1.5

* Measurements taken from
 Top of Well Casing
 Top of Protective Casing
 (Other, Specify)

Water parameters:

Elapsed Time	Depth To Water	Temperature	pH	ms/cm Conductivity	Oxidation Reduction Potential	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)
0	28.35	14.76	8.40	18.9	-187	.48	10.58	420
5	28.35	14.56	7.75	19.4	-187	.13	579	440
10	28.35	14.75	7.64	19.1	-136	0.00	517	500
15	28.35	14.61	7.54	18.8	-132	0.00	756	420
20	28.35	14.72	7.52	18.6	-131	0.00	542	400
25	28.35 28.35	14.86	7.49	18.4	-131	0.00	571	400
30	28.35	14.44	7.43	19.00	-138	0.00	450	320 *
35	28.35	13.93	7.42	19.1	-142	0.00	382	400
40	28.35	14.13	7.40	19.00	-148	0.00	225	400
45	28.35	14.24	7.39	18.8	-155	0.00	202	400
50	28.35	14.67	7.39	18.5	-158	0.00	182	400
55	28.35	14.88	7.38	18.4	-161	0.00	143	400
60	28.35	15.03	7.38	18.4	-164	0.00	122	400
65	28.35	15.15	7.37	18.2	-168	0.00	114	340
70	28.35	15.26	7.37	18.0	-170	0.00	138	320
75	28.35	15.42	7.37	17.8	-172	0.00	114	320
80	28.35	15.24	7.37	17.9	-174	0.00	106.9	400
85	28.35	15.23	7.37	17.5	-175	0.00	71.9	400
90	28.35	15.27	7.36	17.5	-177	0.00	79.2	400
95	28.35	15.32	7.35	17.5	-177	0.00	92.7	400
100	28.35	15.46	7.35	17.3	-179	0.00	117	400
105	28.35	15.36	7.35	17.3	-180	0.00	92.8	400
110	28.35	15.43	7.34	17.3	-181	0.00	89.5	400
115	28.35	15.49	7.33	17.2	-181	0.00	92.5	400
120	28.35	15.50	7.30	17.3	-181	0.00	89.9	400

Water sample: 28.35 15.49 7.30 17.2 -181 0.00 94.5 400
 Density Measurement 1.010

Time collected: _____ Total volume of purged water removed: _____
 Physical appearance at start: Color turbid Physical appearance at sampling: Color 1/2 light milky
 Odor None Odor None
 Sheen/Free Product None Sheen/Free Product None

Samples collected:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

Notes:

Date 6/23/11 Personnel: J. Bone Weather ~80°F cloudy
 Site Name Wastek 58915 Evacuation Method Groundfos Well # 58915-MW-888R
 Site Location Camilla Sampling Method Low Flow Project # 1163/46698

COC # / Field Sample ID :

Well information:

Depth of Well * 111.45 ft.
 Depth to Water * 27.59 ft.
 Length of Water Column 83.66 ft.

Well Dia (in)	Gallons per Ft	Linear Ft per gallon
1	0.0408	24.5
2	0.1632	6.1
4	0.6528	1.5

* Measurements taken from
 Top of Well Casing
 Top of Protective Casing
 (Other, Specify)

Water parameters:

Elapsed Time	Depth To Water	Temperature	pH	mS/cm Conductivity	Oxidation Reduction Potential	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Dens.
0945	30.72	14.97	7.85	46.6	-123	0.56	568	340	
0950	32.35	14.92	7.85	47.7	-148	0.19	272	300	
0955	31.52	14.82	7.73	48.5	-135	0.05	137	340	1.026
0958	31.76	14.95	7.55	52.0	-117	0.00	129	340	1.028
1001	31.82	14.84	7.53	52.7	-115	0.00	169	340	1.028
1004	31.82	15.00	7.46	53.5	-114	0.00	288	240	1.032
1010	31.82	15.40	7.31	55.5	-132	0.00	366	240	1.032
1015	32.02	15.04	7.16	57.9	-159	0.00	309	280	1.034
1020	32.15	14.76	7.06	60.2	-175	0.00	235	270	1.034
1025	32.17	15.12	7.00	60.3	-178	0.00	217	260	1.034
1030	32.75	14.72	6.95	60.6	-168	0.00	186	400	1.036
1035	32.98	14.70	6.90	61.4	-178	0.00	148	320	1.036
1040	33.08	14.85	6.91	60.2	-176	0.00	97.0	320	1.036
1045	33.05	14.82	6.91	659.9	-171	0.00	109	500	1.036
1050	33.05	14.74	6.88	60.5	-169	0.00	105.3	300	1.036
1055	33.04	15.02	6.83	60.8	-173	0.00	91.3	300	1.036
1100	32.98	15.09	6.81	60.9	-172	0.00	77.3	300	1.036
1105	32.98	15.42	6.78	60.6	-183	0.00	72.2	300	1.036
1110	33.00	15.13	6.77	61.0	-184	0.06	57.2	300	1.036
1115	33.00	15.40	6.76	60.9	-182	0.00	47.6	300	1.036
1120	32.85	15.93	6.73	60.6	-180	0.36	33.8	300	1.036
1125	32.85	15.74	6.73	60.5	-178	0.34	32.7	300	1.036
1128	32.85	15.72	6.72	60.6	-174	0.31	31.1	300	1.036
1131	32.82	15.74	6.73	60.4	-173	0.30	31.5	300	1.036
1134	32.80	15.75	6.72	60.2	-173	0.30	29.5	300	1.036

Water sample:

Density Measurement _____

Time collected: _____

Total volume of purged water removed: _____

Physical appearance at start

Physical appearance at sampling

Color light cloudy (milky)

Color Clear

Odor None

Odor None

Sheen/Free Product None

Sheen/Free Product None

Samples collected:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

Notes:

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date 6/24/11 Personnel TBP Weather _____
 Site Name Wastel Evacuation Method gronfos Well # SR915-MW-895
 Site Location Camill Sampling Method low flow Project # 1163/46698

COC # / Field Sample ID :

Well information:

Depth of Well * 34.45 ft.
 Depth to Water * 27.43 ft.
 Length of Water Column 7.02 ft.
 Start time: 9:30

Well Dia (in)	Gallons per Ft	Linear Ft per gallon
1	0.0408	24.5
2	0.1632	6.1
4	0.6528	1.5

* Measurements taken from
 Top of Well Casing
 Top of Protective Casing
 (Other, Specify)

Water parameters:

Elapsed Time	Depth To Water	Temperature	pH	ms/cm Conductivity	Oxidation Reduction Potential	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)
0	27.47	14.14	7.39	1.62	-13	1.41	7600 ERR4	500
5	27.47	14.25	7.32	1.68	-12	0.00	1400 ERR4	520
10	27.46	14.01	7.26	1.77	-11	0.00	7638	520
15	27.46	13.93	7.27	1.76	-9	0.00	2640	500
20	27.45	14.21	7.23	1.79	-9	0.00	1514	400
25	27.44	14.13	7.24	1.81	-9	0.00	949	400
30	27.45	13.87	7.25	1.84	-9	0.00	523	600
35	27.45	13.74	7.25	1.85	-2	0.00	682	580
40	27.45	13.95	7.24	1.85	-2	0.00	497	500
45	27.45	14.20	7.23	1.85	-4	0.00	351	500
50	27.45	14.08	7.24	1.85	-2	0.00	191	500
55	27.45	13.42	7.22	1.85	3	0.00	168	500
60	27.45	14.08	7.20	1.85	5	0.00	133	500
65	27.45	14.09	7.19	1.85	8	0.00	128	500
68	27.45	14.12	7.18	1.85	10	0.00	124	500
71	27.45	14.12	7.18	1.85	10	0.00	113	500
74	27.45	14.14	7.16	1.85	10	0.00	96.4	500
77	27.45	14.01	7.15	1.85	12	0.00	81.9	500
80	27.45	14.09	7.14	1.85	13	0.00	80.2	500
83								

Water sample:

Density Measurement 1.002

Time collected: 11:30

Total volume of purged water removed: _____

Physical appearance at start

Physical appearance at sampling

Color med Brown turbid
 Odor None
 Sheen/Free Product None

Field Dup

Color U. light milky
 Odor None
 Sheen/Free Product None

Samples collected:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

Notes:

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date: 6/24/11 Personnel: MRM Weather: Partly Cloudy 70s+
 Site Name: Wastek 9.15 Evacuation Method: Groundfos Well #: SB111W-89D
 Site Location: Camill Sampling Method: Groundfos Project #: 1163/46698

COC # / Field Sample ID :

Well information:

Depth of Well * 75.45 ft.
 Depth to Water * 27.50 ft.
 Length of Water Column 47.95 ft.

Well Dia (in)	Gallons per Ft	Linear Ft per gallon
1	0.0408	24.5
2	0.1632	6.1
4	0.6528	1.5

* Measurements taken from
 Top of Well Casing
 Top of Protective Casing
 (Other, Specify)

Water parameters:

Elapsed Time	Depth To Water	Temperature	pH	S/ _u Conductivity	Oxidation Reduction Potential	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)
0		13.38	6.05	1.51	-1	10.44	>1000	800
3	27.61	13.07	6.46	1.69	-22	6.72	>1000	500
6	27.61	13.08	6.49	1.70	-25	6.23	>1000	500
9	27.61	13.32	6.59	1.71	-32	5.52	>1000	600
12	27.61	13.87	6.62	1.72	-34	5.37	>1000	300
15	27.61	13.46	6.66	1.72	-36	4.58	2477	500
18	27.61	13.21	6.68	1.74	-36	4.24	1792	500
21	27.61	13.29	6.70	1.77	-35	3.81	1345	500
24	27.61	13.94	6.70	1.78	-33	3.83	1163	500
27	27.61	13.90	6.72	1.78	-31	3.21	829	500
30	27.61	13.80	6.73	1.78	-30	2.97	800	500
35	27.61	13.92	6.73	1.80	-27	2.37	740	500
40	27.61	13.85	6.74	1.80	-25	2.29	670	500
45	27.61	13.97	6.75	1.82	-22	1.83	207	500
50	27.61	13.72	6.76	1.82	-21	1.57	112	500
55	27.61	13.70	6.76	1.83	-20	1.31	80.0	500
60	27.61	13.70	6.76	1.83	-20	1.30	61.3	500
65	27.61	13.75	6.77	1.83	-19	1.29	473	500
70	27.61	13.99	6.77	1.83	-19	1.26	38.1	500

Water sample:

Density Measurement: 1.010
 Time collected: 1055 Total volume of purged water removed: 129.97
 Physical appearance at start: Color light grey cloudy Physical appearance at sampling: Color clear
 Odor: no Odor: no
 Sheen/Free Product: no Sheen/Free Product: no

Samples collected:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

Notes:

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date 6/24/11 Personnel J. Bone Weather ~80°F & Cloud/SM
 Site Name Wastet SR915-SCA Evacuation Method Gravitas Pump Well # SR915-MW-89 RR
 Site Location Camillus, NY Sampling Method Low Flow Project # 1163/46698

COC # / Field Sample ID :

Well information:

Depth of Well * 124.72 ft.
 Depth to Water * 26.85 ft.
 Length of Water Column 102.87 ft.

Well Dia (in)	Gallons per Ft	Linear Ft per gallon
1	0.0408	24.5
2	0.1632	6.1
4	0.6528	1.5

* Measurements taken from
 Top of Well Casing
 Top of Protective Casing
 (Other, Specify)

Water parameters:

Elapsed Time	Depth To Water	°C Temperature	pH	mS/cm Conductivity	mV		Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Density
					Oxidation Reduction Potential					
3	27.44	12.73	7.40	87.7	-119	8.71	197	400	1.042	
8	27.48	12.28	7.50	81.1	-144	8.25	95	400	1.042	
10	27.50	12.40	7.52	80.2	-149	7.90	66.9	400	1.042	
15	27.33	12.57	7.55	84.0	-158	7.16	38.3	400	1.044	
20	27.41	12.52	7.58	85.3	-159	6.85	38.2	400	1.044	
25	27.64	12.42	7.59	86.5	-157	6.05	12.9	400	1.044	
30	27.70	12.58	7.58	86.3	-156	6.561	8.21	500	1.044	
35	27.58	12.77	7.57	85.8	-159	5.36	6.69	400	1.044	
40	27.55	12.74	7.56	85.2	-161	5.19	7.49	400	1.044	
45	27.55	12.62	7.54	84.9	-158	4.70	6.73	400	1.044	
50	27.55	12.74	7.54	84.3	-156	4.49	5.09	400	1.044	
55	27.55	12.81	7.53	84.0	-156	4.32	4.44	400	1.044	
58	27.55	12.78	7.53	84.0	-156	4.31	2.26	400	1.044	
61	27.55	12.75	7.52	83.7	-156	4.32	2.14	400	1.044	
63	27.55	12.74	7.53	83.4	-156	4.07	2.47	400	1.044	
66	27.55	12.73	7.51	83.1	-155	3.99	2.28	400	1.044	
69	27.55	12.75	7.53	82.9	-155	3.95	2.36	400	1.044	
72	27.55	12.74	7.52	82.8	-155	3.96	2.44	400	1.044	

Water sample:

Density Measurement 1.044

Time collected: 11:15

Total volume of purged water removed: 10 gallons

Physical appearance at start

Physical appearance at sampling

Color Clear
 Odor None
 Sheen/Free Product None

Color Clear
 Odor None
 Sheen/Free Product None

Samples collected:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

Notes:

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

Date 6-27-11 Personnel CYU Weather Sunny 85°F
 Site Name Wastebed 13 SCA Evacuation Method Grundfos (Rediflow) pump Well # SB915-1077 ~~1077~~ WR-04U
 Site Location Camillus, NY Sampling Method Grundfos (Rediflow) pump Project # 1163 / 46698

COC # / Field Sample ID :

Well information:
 Depth of Well * 41.39 ft.
 Depth to Water * 25.00 ft.
 Length of Water Column 16.39 ft.
 Time - 10:10

Well Dia (in)	Gallons per Ft	Linear Ft per gallon
1	0.0408	24.5
2	0.1632	6.1
4	0.6528	1.5

* Measurements taken from:
 Top of Well Casing
 Top of Protective Casing
 (Other, Specify)

Water parameters: ± 3% ± 0.1 ± 3% ± 10mV 10% 10%

Elapsed Time	Depth To Water	Temperature	pH	ms/cm Conductivity	Oxidation Reduction Potential	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min).
0	25.03	15.01	7.05	10.0	-63	1.62	39.8	260 1.002
5	25.03	14.31	7.03	10.3	-127	0.52	5.8	500
10	25.03	13.84	7.02	10.4	-143	0.23	1.62	500
15	25.03	13.89	7.02	10.5	-151	0.15	1.69	500
20	25.03	13.73	7.01	10.5	-157	0.03	1.94	500
25	25.03	13.62	6.99	10.5	-166	0.00	1.14	500
30	25.03	13.72	6.99	10.5	-170	0.00	1.14	500
35	25.03	13.82	7.00	10.6	-173	0.00	1.14	500 1.002

Water sample:
 Density Measurement 1.002
 Time collected: 11:45 Total volume of purged water removed: ~ 7.0 gal
 Physical appearance at start Physical appearance at sampling
 Color Clear Color Clear
 Odor NO Odor NO
 Sheen/Free Product NO Sheen/Free Product NO

Samples collected:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

Notes:

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date 6/27/11 Personnel EBR Weather Sunny 75°
 Site Name Wastebed 13 SCA Evacuation Method Grundfos (Rediflow) pump Well # SB915~~MM~~ WR-04L
 Site Location Camillus, NY Sampling Method Grundfos (Rediflow) pump Project # 1163 / 46698

COC # / Field Sample ID :

Well information:

Depth of Well * 102.32 ft.
 Depth to Water * 24.39 ft.
 Length of Water Column 77.93 ft.
1040

Well Dia (in)	Gallons per Ft	Linear Ft per gallon
1	0.0408	24.5
2	0.1632	6.1
4	0.6528	1.5

* Measurements taken from

<input checked="" type="checkbox"/>	Top of Well Casing
<input type="checkbox"/>	Top of Protective Casing
<input type="checkbox"/>	(Other, Specify)

Water parameters: ± 3% ± 0.1 ± 3% ± 10mV 10% 10%

Elapsed Time	Depth To Water	Temperature	pH	ms/cm Conductivity	Oxidation Reduction Potential	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min).
0	24.41	12.63	7.29	22.1	-170	0.00	56.5	400
5	24.41	12.81	7.20	22.5	-163	0.00	20.2	400
10	24.41	12.93	7.18	22.8	-165	0.00	18.3	400
15	24.41	12.99	7.16	23.1	-168	0.00	50.2	480
20	24.41	13.08	7.14	23.1	-169	0.00	16.5	490
25	24.41	13.16	7.12	23.4	-167	0.00	13.2	490
30	24.41	13.13	7.11	23.4	-166	0.00	11.6	500
35	24.41	13.16	7.10	23.4	-165	0.00	70.4	500
40	24.41	13.14	7.09	23.3	-164	0.00	51.4	500
45	24.41	13.13	7.09	23.3	-163	0.00	33.2	500
50	24.41	13.26	7.09	23.2	-163	0.00	30.8	500
55	24.41	13.24	7.09	23.2	-163	0.00	16.0	500
60	24.41	13.12	7.09	23.1	-163	0.00	12.2	500
65	24.41	13.15	7.10	23.2	-163	0.00	12.2	500
70	24.41	13.11	7.09	23.3	-163	0.00	6.46	500
75	24.41	13.10	7.10	23.3	-163	0.00	4.79	500

1.011

1.010

Water sample:

Density Measurement 1.010

Time collected: 1215

Total volume of purged water removed: 13 gals.

Physical appearance at start

Physical appearance at sampling

Color Black
 Odor None
 Sheen/Free Product None

Color Clear
 Odor None
 Sheen/Free Product None

Samples collected:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

Notes:

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date 6/27/11 Personnel MPM Weather ~76° Sun
 Site Name Wastebed 13 SCA Evacuation Method Grundfos (Rediflow) pump Well # SB915-MW- 401
 Site Location Camillus, NY Sampling Method Grundfos (Rediflow) pump Project # 1163 / 46698

COC # / Field Sample ID :

Well information:

Depth of Well * 25.5425 ft.
 Depth to Water * 25.48 ft.
 Length of Water Column 31.77 ft.

Well Dia (in)	Gallons per Ft	Linear Ft per gallon
1	0.0408	24.5
2	0.1632	6.1
4	0.6528	1.5

* Measurements taken from

<input checked="" type="checkbox"/>	Top of Well Casing
<input type="checkbox"/>	Top of Protective Casing
<input type="checkbox"/>	(Other, Specify)

Water parameters:

Elapsed Time	Depth To Water	Temperature	pH	Conductivity	Oxidation Reduction Potential	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)
11:00	25.51	14.24	7.86	12.4	24	5.34	298	600
3	25.51	14.40	7.77	13.1	6	1.72	256	400
6	25.51	14.41	7.70	13.6	-27	1.61	277	400
9	25.51	14.46	7.71	13.7	-27	1.12	270	400
12	25.51	14.58	7.71	13.6	-29	1.02	265	400
15	25.51	14.89	7.68	13.6	-26	0.94	242	400
18	25.55	14.59	7.72	13.8	-28	1.13	192	400
21	25.54	14.63	7.71	13.7	-28	0.77	178	400
24	25.54	14.69	7.71	13.7	-38	0.69	128	400
27	25.54	14.54	7.71	13.7	-27	0.77	84.0	400
30	25.54	14.30	7.72	13.7	-28	0.61	50.8	400
35	25.54	14.35	7.71	13.7	-27	0.55	46.7	400
40	25.54	14.28	7.71	13.7	-27	0.57	30.0	400
45	25.54	14.29	7.71	13.6	-27	0.35	19.7	400
50	25.54	14.11	7.71	13.6	-27	0.00	14.9	400
55	25.54	14.03	7.71	13.5	-27	0.00	10.19	400
60	25.54	14.20	7.71	13.5	-27	0.00	7.79	400

1.004

1.004

Water sample:

Density Measurement 1.004

Time collected: 1235

Total volume of purged water removed: 6.5 gal

Physical appearance at start
 Color slightly cloudy-light grey
 Odor no
 Sheen/Free Product no

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

Samples collected:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

Notes:

Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date: 6/27/11 Personnel: J. Bone Weather: ~76°F Sunny
 Site Name: Wastebed 13 SCA Evacuation Method: Grundfos (Rediflow) pump Well #: SB915-MW-908R
 Site Location: Camillus, NY Sampling Method: Grundfos (Rediflow) pump Project #: 1163 / 46698

COC # / Field Sample ID :

Well information:

Depth of Well * 131.61 ft.
 Depth to Water * 27.08 ft.
 Length of Water Column 104.53 ft.

Well Dia (in)	Gallons per Ft	Linear Ft per gallon
1	0.0408	24.5
2	0.1632	6.1
4	0.6528	1.5

* Measurements taken from

<input checked="" type="checkbox"/>	Top of Well Casing
<input type="checkbox"/>	Top of Protective Casing
<input type="checkbox"/>	(Other, Specify)

Water parameters:

Elapsed Time	Depth To Water	Temperature	± 3%	± 0.1	± 3%	± 10mV	10%	10%	Flow Rate (ml/min)	Density
			pH	ms/cm Conductivity	Oxidation Reduction Potential	Dissolved Oxygen (mg/l)	Turbidity (NTU)			
3	28.80	14.61	6.85	56.0	176	8.20	11.5	260	-	
7	29.00	15.63	6.85	56.5	160	6.67	203	280	-	
10	29.56	16.31	7.21	64.7	-21	5.68	208	360	1.038	
15	30.35	15.03	7.25	58.8	-76	5.31	148	280	1.036	
20	30.73	15.54	7.15	58.0	-72	4.23	99.6	260	1.036	
25	31.03	13.53	7.10	58.6	-75	2.97	89.4	260	1.034	
30	31.08	13.38	7.10	57.0	-80	2.69	99.7	260	1.034	
35	31.53	13.19	7.12	55.0	-85	2.20	107.0	260	1.034	
40	31.70	13.59	7.15	53.4	-87	1.75	113	260	1.034	
45	31.86	14.14	7.14	52.5	-80	1.32	69.0	260	1.032	
50	31.88	14.85	7.21	49.7	-84	0.61	53.5	260	1.032	
55	31.92	15.34	7.31	48.3	-92	0.48	38.5	250	1.032	
60	31.95	15.40	7.44	47.5	-108	0.34	34.0	250	1.032	
65	32.00	16.11	7.63	45.6	-133	0.22	29.4	250	1.030	
670	32.03	16.50	7.66	45.3	-138	0.13	25.3	250	1.030	
70	32.05	16.47	7.68	45.2	-142	0.06	23.5	250	1.030	
76	32.08	16.57	7.71	45.1	-143	0.00	21.1	250	1.032	
79	32.10	16.44	7.74	44.6	-147	0.00	22.1	250	1.032	
82	32.11	16.45	7.76	45.8	-150	0.00	21.0	250	1.032	
85	32.11	16.15	7.76	45.7	-150	0.00	20.4	250	1.030	
88	32.11	16.56	7.76	45.3	-151	0.00	20.2	250	1.030	

Water sample:

Density Measurement 1.030

Time collected: 1225

Total volume of purged water removed: ~6 gallons

Physical appearance at start

Physical appearance at sampling

Color Clear

Color Clear

Odor None

Odor None

Sheen/Free Product None

Sheen/Free Product None

Samples collected:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

Notes:

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date: 6/28/11 Personnel: EBR Weather: Sunny 78°
 Site Name: Wastebed 13 SCA Evacuation Method: Grundfos (Rediflow) pump Well #: SB915-MW- 915
 Site Location: Camillus, NY Sampling Method: Grundfos (Rediflow) pump Project #: 1163 / 46698

COC # / Field Sample ID :

Well information:

Depth of Well * 43.96 ft.
 Depth to Water * 22.42 ft.
 Length of Water Column 21.54 ft.
1030

Well Dia (in)	Gallons per Ft	Linear Ft per gallon
1	0.0408	24.5
2	0.1632	6.1
4	0.6528	1.5

* Measurements taken from

<input checked="" type="checkbox"/>	Top of Well Casing
<input type="checkbox"/>	Top of Protective Casing
<input type="checkbox"/>	(Other, Specify)

Elapsed Time	Depth To Water	Temperature	pH	mS/cm Conductivity	Oxidation Reduction Potential	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	± 3%	± 0.1	± 3%	± 10mV	10%	10%
0	24.81	13.73	12.29	53.2	-326	0.90	125	400						
5	26.58	14.30	12.27	53.3	-330	0.46	88.1	400						1.022
10	25.71	15.23	12.25	52.4	-301	0.19	65.4	340						
15	25.90	15.29	12.25	51.5	-342	0.08	77.6	300						1.024
20	26.02	15.32	12.25	50.8	-347	0.00	71.3	320						
25	26.06	15.46	12.25	50.1	-356	0.00	46.0	320						1.023
30	26.08	15.65	12.25	50.0	-363	0.00	33.0	320						
35	26.08	15.76	12.25	50.0	-369	0.00	25.5	300						1.024
40	26.08	15.85	12.25	49.9	-372	0.00	17.5	300						
45	26.08	15.87	12.25	49.8	-374	0.00	12.3	300						1.023
50	26.08	15.90	12.25	49.7	-376	0.00	10.02	300						
55	26.08	16.02	12.25	49.7	-377	0.00	7.39	300						1.022
60	26.09	15.86	12.26	49.5	-377	0.00	4.83	300						
65	26.09	15.88	12.26	49.2	-378	0.00	4.02	300						1.022
70	26.08	15.83	12.26	48.9	-377	0.00	4.91	300						

Water sample: Density Measurement 1.023
 Time collected: 1215 Total volume of purged water removed: 9 gals.
 Physical appearance at start: Color Cloudy Physical appearance at sampling: Color Clear
 Odor _____ Odor None
 Sheen/Free Product _____ Sheen/Free Product None

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

Notes:

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date 6-28-11 Personnel LYV Weather Sunny 80F
 Site Name Wastedbed 13 SCA Evacuation Method Grundfos (Rediflow) pump Well # SB915-MW- 91SN
 Site Location Camillus, NY Sampling Method Grundfos (Rediflow) pump Project # 1163 / 46698

COC # / Field Sample ID :

Well Information:

Depth of Well * 90.15 ft.
 Depth to Water * 76.63 ft.
 Length of Water Column 13.52 ft.
Time-1035

Well Dia (in)	Gallons per Ft	Linear Ft per gallon
1	0.0408	24.5
2	0.1632	6.1
4	0.6528	1.5

* Measurements taken from

<input checked="" type="checkbox"/>	Top of Well Casing
<input type="checkbox"/>	Top of Protective Casing
<input type="checkbox"/>	(Other, Specify)

Elapsed Time	Depth To Water	Temperature	pH	S/m Conductivity	Oxidation Reduction Potential	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	± 3%	± 0.1	± 3%	± 10mV	10%	10%	
0	76.80	16.80	7.47	1.80	-96	1.2	115	300							
5	76.82	16.51	7.21	1.65	-92	0.0	130	300							
10	76.85	17.50	7.16	1.32	-89	0.0	71.0	400							
15	76.85	17.77	7.08	1.13	-81	0.0	36.8	400							
20	76.92	17.32	7.03	1.08	-76	0.0	23.9	400							
25	76.92	17.18	7.01	1.01	-74	0.0	20.2	400							
30	76.92	16.60	6.99	1.00	-73	0.0	14.0	400							
35	76.92	16.59	6.96	0.97	-72	0.0	12.8	400							
40	76.92	16.59	6.92	0.97	-70	0.0	11.9	400							
45	76.92	16.59	6.92	0.95	-70	0.0	11.4	400							

1.010

1.010

Water sample:

Density Measurement 1.010

Time collected: 1150

Total volume of purged water removed: ~ 7 gal

Physical appearance at start

Physical appearance at sampling

Color clear

Color clear

Odor no

Odor no

Sheen/Free Product no

Sheen/Free Product no

Samples collected:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

Notes:

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date: 6/28/14 Personnel: MRM Weather: Hot partly cloudy 80's
 Site Name: Wastedbed 13 SCA Evacuation Method: Grundfos (Rediflow) pump Well #: SB915-MW-91I
 Site Location: Camillus, NY Sampling Method: Grundfos (Rediflow) pump Project #: 1163 / 46698

COC # / Field Sample ID :

Well information:

Depth of Well * 128.18 ft.
 Depth to Water * 76.29 ft.
 Length of Water Column 51.89 ft.

Well Dia (in)	Gallons per Ft	Linear Ft per gallon
1	0.0408	24.5
2	0.1632	6.1
4	0.6528	1.5

* Measurements taken from

<input checked="" type="checkbox"/>	Top of Well Casing
<input type="checkbox"/>	Top of Protective Casing
<input type="checkbox"/>	(Other, Specify)

Water parameters:

Elapsed Time	Depth To Water	Temperature	pH	Conductivity	Oxidation Reduction Potential	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)
0		12.32	8.38	8.39	-85	1.16	420	1000
3	76.32	13.47	7.60	8.69	-75	0.31	2299	400
6	76.32	13.36	7.55	8.70	-74	0.05	2126	500
9	76.32	13.39	7.51	8.69	-75	0.00	1976	500
12	76.32	13.98	7.48	8.70	-76	0.00	1412	500
15	76.32	14.22	7.43	8.70	-71	0.00	706	500
18	76.32	14.13	7.39	8.70	-66	0.00	525	500
21	76.32	14.10	7.36	8.70	-62	0.00	268	500
24	76.32	14.17	7.36	8.70	-61	0.00	220	500
27	76.32	14.32	7.35	8.70	-60	0.00	178	500
30	76.32	14.25	7.34	8.69	-59	0.00	133	500
35	76.32	14.25	7.33	8.69	-57	0.00	107.3	480
40	76.32	14.44	7.32	8.67	-57	0.00	75.5	480
45	76.32	14.35	7.32	8.67	-55	0.00	60.5	480
50	76.32	14.32	7.32	8.67	-55	0.00	56.3	480
55	76.32	14.39	7.30	8.67	-55	0.00	49.4	480
60	76.32	14.33	7.30	8.66	-56	0.00	41.8	480
65	76.32	14.42	7.29	8.65	-55	0.00	39	480

SP6R
1.002
1.002
1.002
1.002

Water sample:

Density Measurement 1.002

Time collected: 1235

Total volume of purged water removed:

~ 7 gal

Physical appearance at start

Color: cloudy grey

Odor: no

Sheen/Free Product: no

Physical appearance at sampling

Color: clear

Odor: no

Sheen/Free Product: no

Samples collected:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

Notes:

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date 6/28/11 Personnel J. Bone Weather ~80°F Sunny
 Site Name Wastebed 13 SCA Evacuation Method Grundfos (Rediflow) pump Well # SB915-MW- 91D
 Site Location Camillus, NY Sampling Method Grundfos (Rediflow) pump Project # 1163 / 46698

COC # / Field Sample ID :

Well information:

Depth of Well * 136.16 ft.
 Depth to Water * 75.98 ft.
 Length of Water Column 60.18 ft.

Well Dia (in)	Gallons per Ft	Linear Ft per gallon
1	0.0408	24.5
2	0.1632	6.1
4	0.6528	1.5

* Measurements taken from

<input checked="" type="checkbox"/>	Top of Well Casing
<input type="checkbox"/>	Top of Protective Casing
<input type="checkbox"/>	(Other, Specify)

Water parameters:

Elapsed Time	Depth To Water	Temperature	± 3%	± 0.1	± 3%	± 10mV	10%	10%	Flow Rate (ml/min)	Density
			pH	µS/cm Conductivity	Oxidation Reduction Potential	Dissolved Oxygen (mg/l)	Turbidity (NTU)			
0	76.80	17.50	7.49	6.22	214	1.00	-	340	-	-
5	76.80	14.17	7.41	8.11	-57	0.00	177	500	1.002	1.002
10	76.87	13.17	7.47	8.36	-118	0.00	92.5	500	1.002	1.002
15	76.85	13.68	7.14	8.51	-234	0.00	34.0	500	1.008	1.008
20	77.22	13.77	8.87	8.60	-273	0.00	11.2	500	1.004	1.004
25	76.94	13.94	8.62	8.56	-240	0.00	7.10	500	1.004	1.004
30	76.92	13.85	8.46	8.59	-219	0.00	5.07	500	1.004	1.004
35	76.90	14.02	8.22	8.61	-187	0.00	4.00	500	1.004	1.004
40	76.86	14.11	8.09	8.60	-169	0.00	4.00	500	1.006	1.006
45	76.86	14.12	8.795	8.61	-150	0.00	2.58	500	1.006	1.006
50	76.82	14.33	7.88	8.60	-142	0.00	2.74	500	1.006	1.006
55	76.80	14.36	7.78	8.60	-130	0.00	2.74	500	1.006	1.006
60	76.80	14.42	7.76	8.60	-127	0.00	2.73	500	1.006	1.006
63	76.80	14.49	7.71	8.60	-121	0.00	2.30	500	1.006	1.006
66	76.80	14.45	7.70	8.61	-120	0.00	2.19	500	1.006	1.006
69	76.80	14.46	7.68	8.60	-118	0.00	3.00	500	1.006	1.006
72	76.80	14.49	7.67	8.61	-117	0.00	3.00	500	1.006	1.006
75	76.80	14.52	7.64	8.61	-117	0.00	2.98	500	1.006	1.006

start 1023

Water sample:

Density Measurement 1.006

Time collected: 1200

Total volume of purged water removed: ~11 gallons

Physical appearance at start

Physical appearance at sampling

Color clear

Color clear

Odor none

Odor none

Sheen/Free Product none

Sheen/Free Product none

Samples collected:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

Notes:

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date 6/27/11 Personnel JLB, YAC, CV Weather ~80°F Sun
 Site Name Waste # 13 SCM Evacuation Method Groutfas Well # SR915-MW-91RP
 Site Location Camillus, NY Sampling Method Groutfas Project # 1163/46698

COC # / Field Sample ID :

Well information:

Depth of Well * 210.10 ft.
 Depth to Water * 84.27 ft.
 Length of Water Column 125.83 ft.

Well Dia (in)	Gallons per Ft	Linear Ft per gallon
1	0.0408	24.5
2	0.1632	6.1
4	0.6528	1.5

* Measurements taken from
 Top of Well Casing
 Top of Protective Casing
 (Other, Specify)

Water parameters:

Elapsed Time	Depth To Water	Temperature	pH	S/m Conductivity	Oxidation Reduction Potential	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Density
0	86.40	15.60	8.02	>10.00	205	6.41	>1,100	2,240	1.012
5	107.80	11.85	9.08	210.00	39	0.22	56.3	-	1.088
10	123.15	12.00	9.61	710.00	-6	0.00	112	-	-
15	Pump stopped, control box tripped		Data stopped						
14:20	130.9	12.39	9.10	>10.00	-38	0.100	323	2320	1.084
5	141.25	12.56	9.62	710.00	-15	0.100	64.1	2320	
No more readings, purging dry @ high flow rate									
6/28/11	DTW 97.01 STW Sampling using PVC Bailer								

Water sample:

Density Measurement 1.084

Time collected: 1240

Total volume of purged water removed: ~25 gallons

Physical appearance at start

Physical appearance at sampling

Color Clear, turbid after ~5 min
 Odor None

Color V. light cloudy
 Odor None

Sheen/Free Product None

Sheen/Free Product None

Samples collected:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

Notes: 6/27/11 ~25 gallons removed DTW: 200.0 recovering from same pack

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

Date 6/29/11 Personnel CYU Weather 1650F Cloudy
 Site Name Wastedbed 13 SCA Evacuation Method Grundfos (Rediflow) pump Well # SB915-MW- 925
 Site Location Camillus, NY Sampling Method Grundfos (Rediflow) pump Project # 1163 / 46698

COC # / Field Sample ID :

Well information:
 Depth of Well * 5 80.46 ft.
 Depth to Water * 27.92 ft.
 Length of Water Column 72.54 ft.
Time - 0935

Well Dia (in)	Gallons per Ft	Linear Ft per gallon
1	0.0408	24.5
2	0.1632	6.1
4	0.6528	1.5

* Measurements taken from
 Top of Well Casing
 Top of Protective Casing
 (Other, Specify)

Elapsed Time	Depth To Water	Temperature °C	± 3%	± 0.1	± 3%	± 10mV	10%	10%	Flow Rate (ml/min).
			pH	Conductivity	Oxidation Reduction Potential	Dissolved Oxygen (mg/l)	Turbidity (NTU)		
0	29.80	15.54	11.81	3.16	-196	0.80	135	200	1.012
5	30.01	15.42	11.83	2.92	-217	0.65	96.1	120	
10	30.05	15.35	11.82	3.18	-224	0.60	86.2	110	
15	30.08	15.03	11.82	3.30	-216	0.54	74.9	110	
20	30.09	15.04	11.82	3.30	-215	0.60	67.9	110	1.012
25	30.15	15.23	11.91	3.28	-226	0.36	59.2	110	
30	30.18	15.33	11.81	3.26	-226	0.0	46.5	110	
35	30.19	15.45	11.81	3.27	-228	0.0	37.4	110	
40	30.18	15.50	11.81	3.25	-228	0.0	30.6	110	1.012

Water sample: Density Measurement 1.012

Time collected: 1105 Total volume of purged water removed: ~2.5 gall

Physical appearance at start		Physical appearance at sampling	
Color <u>cloudy</u>	Color <u>clear</u>	Odor <u>ND</u>	Odor <u>ND</u>
Sheen/Free Product <u>NO</u>	Sheen/Free Product <u>NO</u>		

Samples collected:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

Notes:

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date 6/29/11 Personnel JMN Weather Cloudy 60's
 Site Name Wastebld 13 SCA Evacuation Method Grindfos Well # SR13-MW-92I
 Site Location Camill Sampling Method Grindfos Project # 1163/46698

COC # / Field Sample ID :

Well information:

Depth of Well * 81.09 ft.
 Depth to Water * 75.28 ft.
 Length of Water Column 5.81 ft.

Well Dia (in)	Gallons per Ft	Linear Ft per gallon
1	0.0408	24.5
2	0.1632	6.1
4	0.6528	1.5

* Measurements taken from
 Top of Well Casing
 Top of Protective Casing
 (Other, Specify)

Water parameters:

Elapsed Time	Depth To Water	3% Temperature	pH	ms/cm Conductivity	10 mV Oxidation Reduction Potential ^{mV}	10% Dissolved Oxygen (mg/l)	10% Turbidity (NTU)	Flow Rate (ml/min)
0935	0	76.85	14.34	11.76	250 250	0	448	330
0948	10	75.85	14.78	11.42	5.57	-271	125	100
0955	20	75.85	15.11	11.21	4.97	-278	167	260
1000	25	76.01	15.82	10.66	11.5	-271	166	220
1005	30	76.00	17.33	10.21	11.1	-268	152	230
1010	35	76.03	17.50	9.78	10.7	-262	141	220
1015	40	75.92	17.69	9.24	10.1	-256	123	200
1020	45	75.87	17.72	8.83	9.96	-245	115	200
1025	50	76.40	16.71	10.47	15.2	-232	283	280
1030	5	76.40	16.95	8.90	13.0	-212	149	340
1105	10	76.35	17.39	8.21	11.8	-213	115	320
1110	15	76.35	17.37	8.03	11.5	-211	100.8	320
1115	20	76.34	17.24	7.95	11.0	-211	60.5	320
1120	25	76.30	17.29	7.89	8.45	-209	50.2	320
1123	28	76.28	17.31	7.89	8.39	-209	* 3.78	310
1126	31	76.28	17.20	7.89	8.18	-208	66.9	310
1129	34	76.28	17.18	7.87	7.95	-208	43.0	320
1132	37	76.29	17.31	7.86	7.84	-207	34.2	310
1135	40	76.25	17.33	7.85	7.74	-206	31.7	300

Water sample: Stopped @ 1032 (would not pump @ a constant rate)
 * back 0 in less than 1 min Density Measurement 1.000

Time collected: 1136 Total volume of purged water removed: 7 gal
 Physical appearance at start: Color Cloudy Physical appearance at sampling: Color Clear
 Odor None Odor None
 Sheen/Free Product None Sheen/Free Product None

Samples collected:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

Notes:

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date 6/29/11 Personnel J. Rave Weather ~65°F cloudy
 Site Name Waste # 13 SCA Evacuation Method Gravel Well # SR915-MW-92D
 Site Location Camillus, NY Sampling Method Low Flow Project # 1163/46698

COC # / Field Sample ID :

Well information:

Depth of Well * 105.35 ft.
 Depth to Water * 75.57 ft.
 Length of Water Column 29.77 ft.

Well Dia (in)	Gallons per Ft	Linear Ft per gallon
1	0.0408	24.5
②	0.1632	6.1
4	0.6528	1.5

* Measurements taken from

<input checked="" type="checkbox"/>	Top of Well Casing
<input type="checkbox"/>	Top of Protective Casing
<input type="checkbox"/>	(Other, Specify)

Water parameters:

Elapsed Time	Depth To Water	Temperature	pH	µS/cm Conductivity	Oxidation Reduction Potential	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Density
0	75.64	11.63	7.52	3.91	154	1.55	54.2	450	-
5	75.64	11.79	7.42	3.89	144	1.23	43.1	450	1.000
10	75.64	13.02	7.35	3.82	127	0.54	14.9	500	1.000
15	75.64	13.51	7.33	3.80	120	0.29	10.13	500	1.000
20	75.65	13.74	7.33	3.79	116	0.12	7.77	500	1.000
25	75.64	13.79	7.32	3.78	113	0.04	7.10	500	1.000
30	75.64	13.81	7.32	3.77	110	0.00	4.66	500	1.000
40	75.64	13.87	7.32	3.77	107	0.00	4.07	500	1.000
50	75.64	13.90	7.32	3.76	104	0.00	2.88	500	1.000
55	75.64	13.90	7.32	3.76	103	0.00	2.04	500	1.000
60	75.64	13.90	7.32	3.76	103	0.00	2.15	500	1.000

Start 0435

Water sample: Field Duplicate collected Density Measurement 1.000

Time collected: 1055 Total volume of purged water removed: ~10 gallons

Physical appearance at start: Color Clear, Odor None, Sheen/Free Product None
 Physical appearance at sampling: Color clear, Odor None, Sheen/Free Product None

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

Notes:

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date 6/22/11 Personnel Scott Tucker Weather Overcast ~85°
 Site Name SB915 Evacuation Method Ground fcs Well # SB915-MW-92 BR
 Site Location Camillus, NY Sampling Method Ground fcs Project # 46698.001.100

Well information:

Depth of Well * 195.89 ft.
 Depth to Water * 77.48 ft.
 Length of Water Column 118.47 ft.

* Measurements taken from

<input checked="" type="checkbox"/>	Top of Well Casing
<input type="checkbox"/>	Top of Protective Casing
<input type="checkbox"/>	(Other, Specify)

Start Purge Time: _____

1315
1318
1323
1328
1333

Elapsed Time (min.)	(0.3-ft) Depth To Water (ft)	(3%) Temperature (celsius)	(0.1) pH	(3%) Conductivity (ms/cm)	(10 mV) Oxidation Reduction Potential	(10%) Dissolved Oxygen (mg/l)	(10%) Turbidity (NTU)	(100-500 ml/min) Flow Rate (ml/min)
5	79.95	13.64	7.22	70.9	-133	0.00	1881	460
10	82.10	13.91	7.35	69.4	-299	0.00	1728	500
15	84.10	15.51	7.21	65.8	-326	0.00	339	300
20	86.05	13.68	7.20	65.2	-322	0.00	187	500
25	89.30	13.64	7.18	65.1	-298	0.00	103.3	400

End Purge Time: _____

Water sample: use 2 bailer
 Time collected: 1305 (6/24/11) @ end 92.76
 Physical appearance at start: water clear
 Color: Brown
 Odor: ND
 Sheen/Free Product: ND

Total volume of purged water removed: 25 gallons
 Density: beginning: 1.040
End: 1.040
 Physical appearance at sampling: Brown
 Color: Brown
 Odor: ND
 Sheen/Free Product: ND

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

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

Groundwater Sampling Logs
3rd Quarter 2011

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date 9/19/11 Personnel NWV Weather -65°F SUNNY
 Site Name SB 915 Evacuation Method Groundfos Pump Well # SR9K-WG2-435
 Site Location Camillus Sampling Method Groundfos Pump Project # 46698

Well information:

Depth of Well * 36.20 ft.
 Depth to Water * 23.22 ft.
 Length of Water Column 12.92 ft.

* Measurements taken from

<input checked="" type="checkbox"/>	Top of Well Casing
<input checked="" type="checkbox"/>	Top of Protective Casing
<input type="checkbox"/>	(Other, Specify)

Start Purge Time: 1142

Elapsed Time (min)	Depth To Water (BTOC)	Temperature (°C)	pH	Conductivity (µS/cm)	Oxidation Reduction Potential	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Sp G
0	23.22	15.50	6.83	5.78	74	2.19	450	300	
5	23.22	15.90	6.88	5.80	59	0.00	270	320	1.002
10	23.22	16.55	6.89	5.66	51	0.00	230	340	1.002
15	23.22	16.13	6.89	5.71	47	0.00	190	340	
20	23.22	16.09	6.89	5.70	47	0.00	170	360	
25	23.22	16.13	6.89	5.68	45	0.00	160	360	1.002
30	23.22	16.13	6.90	5.67	45	0.00	130	360	
35	23.22	16.20	6.91	5.66	43	0.00	110	360	
40	23.22	16.37	6.91	5.65	42	0.00	110	360	
45	23.22	16.43	6.91	5.64	41	0.00	80	360	1.002
50	23.22	16.43	6.91	5.64	41	0.00	65	360	
55	23.22	16.55	6.91	5.63	41	0.00	60	340	1.002
60	23.22	16.53	6.90	5.62	41	0.00	55	340	
65	23.22	16.52	6.90	5.62	40	0.00	55	340	1.002
70	23.22	16.52	6.90	5.61	39	0.00	45	340	
73	23.22	16.50	6.90	5.60	38	0.00	55	340	
76	23.22	16.51	6.90	5.60	38	0.00	50	340	1.001
79	23.22	16.51	6.90	5.59	38	0.00	45	340	
82	23.22	16.45	6.89	5.59	38	0.00	30	340	
85	23.22	16.49	6.89	5.59	38	0.00	27	340	

End Purge Time: 1335

Desity Measurement Start 1.002 End 1.002

Water sample:

Time collected: 13

Total volume of purged water removed: 10 gallons

Physical appearance at start

Color slightly cloudy
 Odor no

Physical appearance at sampling

Color clear
 Odor no

Sheen/Free Product no

Sheen/Free Product no

Field Test Results:

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

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date 9/19/11 Personnel EBR Weather ~65°F SUNNY
Site Name SB 915 Evacuation Method Groundfos Pump Well # SB915-MCW-93I
Site Location Camillus Sampling Method Groundfos Pump Project # 46698

Well information:

Depth of Well * 51.70 ft
Depth to Water * 23.61 ft
Length of Water Column 28.09 ft

* Measurements taken from

Measurement selection box with 'X' marked for Top of Well Casing and 'h' marked for Top of Protective Casing.

Start Purge Time: 1140

Table with columns: Elapsed Time, Depth To Water, Temperature, pH, Conductivity (ms/cm), Oxidation Reduction Potential, Dissolved Oxygen (mg/l), Turbidity (NTU), Flow Rate (ml/min).

1.002
1.002
1.002
1.002

End Purge Time: 1240

Desity Measurement Start 1.002 End 1.002

Water sample:

Time collected: 1345

Total volume of purged water removed: 8 gals.

Physical appearance at start

Color Brown
Odor None
Sheen/Free Product None

Physical appearance at sampling

Color Clear
Odor None
Sheen/Free Product None

Field Test Results:

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

Analytical Parameters:

Table with columns: Container Size, Container Type, # Collected, Field Filtered, Preservative, Container pH

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date 9/16/11 Personnel K. Kolwaite Weather -65°F Sunny
 Site Name SR915 Evacuation Method Gravelos Pump Well # SR915-M102-930
 Site Location Carmilles Sampling Method Gravelos Pump Project # 46698

Well information:

Depth of Well * 63.86 ft.
 Depth to Water * 22.74 ft.
 Length of Water Column 41.12 ft.

* Measurements taken from

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

Start Purge Time: 1140

Elapsed Time (MIN)	Depth To Water (Feet)	Temperature (°C)	pH	Conductivity (µS/cm)	Oxidation Reduction Potential	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Density
1145	22.78	13.42	7.24	7.49	58	0.00	60	340	1.002
1150	22.78	13.58	7.20	7.43	72	0.00	290	480	
1155	22.78	13.80	7.20	7.33	81	0.00	60	460	1.002
1200	22.78	13.79	7.19	7.28	82	0.00	30	520	1.002
1205	22.78	13.80	7.18	7.25	80	0.00	24	510	
1210	22.78	13.70	7.18	7.23	77	0.00	18	480	
1213	22.78	13.73	7.18	7.21	75	0.00	16	480	1.004
1216	22.78	13.76	7.18	7.21	74	0.00	14	470	
1219	22.78	13.83	7.19	7.20	73	0.00	13	470	
1222	22.78	13.82	7.19	7.19	71	0.00	13	480	1.002

End Purge Time: 1355

Desity Measurement Start 1.002 End 1.002

Water sample:

Time collected: _____ Total volume of purged water removed: _____
 Physical appearance at start Physical appearance at sampling
 Color _____ Color _____
 Odor _____ Odor _____
 Sheen/Free Product _____ Sheen/Free Product _____

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

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date 9/19/11 Personnel J. Bone Weather ~65°F Sunny
 Site Name SB915 Evacuation Method Gravitate Pump Well # SB915-MW-43BR
 Site Location Camillas, NY Sampling Method Gravitate Pump Project # _____

Well information:

Depth of Well * 154.84 ft.
 Depth to Water * 28.13 ft.
 Length of Water Column 126.71 ft.

* Measurements taken from

<input checked="" type="checkbox"/>	Top of Well Casing
<input type="checkbox"/>	Top of Protective Casing
<input type="checkbox"/>	(Other, Specify)

Start Purge Time: 1110

Elapsed Time (min)	Depth To Water (ft)	Temperature (°C)	pH	Conductivity (µS/cm)	Oxidation Reduction Potential	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Density
5	28.88	16.12	6.29	>100.0	40	0.28	24.8	~120	
10	30.46	15.02	6.48	7100.0	19	0.09	94.0	~150	1.082
15	31.46	15.07	6.63	7100.0	10	0.00	80.0	~100	
20	32.04	15.13	6.65	7100.0	10	0.00	80.4	220	
25	33.32	14.84	6.64	7100.0	13	0.00	81.3	200	1.080
30	33.57	14.98	6.68	>100.0	17	0.00		~180	
40	33.80	17							
42	34.60	15.54	6.64	7100.0	24	0.23	54.8	~100	
45	34.86	15.81	6.68	7100.0	25	0.10	—	<100	
50	34.14 35.15	16.32	6.67	7100.0	24	0.00	57.1	4100	
55 65	61.40	14.14 14.24	6.65	7100.0	23	0.00	32.0	260	1.074
60 70	61.38	14.74	6.65	>100.0	22	0.00	30.1	260	
75	61.38	14.64	6.65	7100.0	22	0.00	31.8	260	
80	61.38	14.60	6.65	7100.0	22	0.00	30.2	260	
85	61.48	14.53	6.66	7100.0	20	0.00	23.8	260	
90	61.30	14.88	6.68	>100.0	15	0.00	19.1	220	
95	61.59	14.86	6.70	>100.0	12	0.00	17.4	240	
100	61.40	14.81	6.72	7100.0	7	0.00	13.9	220	
105	61.40	14.58	6.73	>100.0	7	0.00	14	240	
108	61.45	14.44	6.73	7100.0	6	0.00	13.4	250	1.078
111	61.43	14.52	6.74	>100.0	5	0.00	13.3	250	
114	61.43	14.48	6.74	7100.0	5	0.00	13.1	240	
117	61.42	14.50	6.75	7100.0	3	0.00	12.4	240	1.078

End Purge Time: 1440

Desity Measurement Start 1.082 End 1.078

Water sample:

Time collected: 1440

Total volume of purged water removed: _____

Physical appearance at start

Physical appearance at sampling

Color clear
 Odor no

Color clear
 Odor no

Sheen/Free Product no

Sheen/Free Product no

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

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

* Pump stopped / ** Dropping head in well to ~1/2 of original, then trying stabilization
 i:\711\Division\admin\forms\lowflowlog.xls

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date 9/21/11 Personnel K. Kolwate Weather ~65°F & Sunny
 Site Name SCA Evacuation Method Groundflo Well # SR915-MAY 945
 Site Location Cumulus, NY Sampling Method Groundflo Project # _____

Well information:

Depth of Well * 32.30 ft. * Measurements taken from
 Depth to Water * 28.55 ft. Top of Well Casing
 Length of Water Column 3.75 ft. Top of Protective Casing
 (Other, Specify)

Start Purge Time: 0920

Elapsed Time ()	Depth To Water ()	Temperature ()	pH	Conductivity (uS/cm)	Oxidation Reduction Potential	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min).	Den
0920	28.93	13.64	6.36	1.13	236	2.51	180	540	1.002
0925	29.03	14.19	6.48	1.08	215	2.26	160	300	1.002
0930	28.89	15.82	6.52	1.02	201	3.38	340	200	1.000
0935	28.79	16.28	6.55	0.996	189	3.69	360	100	1.000
0940	28.75	16.58	6.56	0.980	178	3.90	110	100	1.000
0945	28.75	16.82	6.57	0.979	160	3.87	190	110	1.000
0950	28.75	17.16	6.58	1.13	145	3.69	60	110	1.000
0955	28.75	17.56	6.58	1.14	131	3.57	50	110	1.000
1000	28.75	17.87	6.58	1.15	122	3.50	40	110	1.000
1005	28.75	18.07	6.58	1.16	115	3.41	33	110	1.000
1008	28.75	18.12	6.58	1.16	110	3.36	29	110	1.000
1011	28.75	18.25	6.59	1.17	104	3.32	25	110	1.000
1014	28.75	18.32	6.59	1.17	101	3.32	23	110	1.000

End Purge Time: _____

Desity Measurement Start 1.002 End 1.000

Water sample: SCA-0016-01

Time collected: 1255

Total volume of purged water removed: _____

Physical appearance at start
 Color _____
 Odor _____
 Sheen/Free Product _____

Physical appearance at sampling
 Color _____
 Odor _____
 Sheen/Free Product _____

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

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date 9/21/11 Personnel EBR Weather Sunny 70°
 Site Name SB 915 Evacuation Method GroundPos Well # SB915-MW-959
 Site Location Camillus Sampling Method GroundPos Project # _____

Well information:

Depth of Well * 38.02 ft.
 Depth to Water * 29.49 ft.
 Length of Water Column 8.53 ft.

* Measurements taken from

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

Page 1 of 2

Start Purge Time: 0935

Elapsed Time ()	Depth To Water ()	Temperature ()	pH	Conductivity ($\mu S/cm$)	Oxidation Reduction Potential	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min).
0	29.52	16.99	12.20	3.46	-71	3.02	100	500
5	29.51	17.52	11.30	2.33	-57	2.13	130	450
10	29.51	17.48	11.08	2.58	-45	1.66	95	400
15	29.51	18.37	10.95	2.70	-39	1.43	70	400
20	29.51	18.68	10.49	2.75	-24	1.35	90	400
25	29.51	18.94	10.06	2.79	-6	1.26	120	400
30	29.51	19.18	9.79	2.86	9	2.35	140	350
35	29.51	19.45	9.56	2.98	21	1.16	150	300
40	29.51	19.66	9.40	3.12	31	1.08	150	280
45	29.51	19.86	9.27	3.21	38	1.04	150	280
50	29.51	19.92	9.18	3.26	43	1.01	150	280
55	29.51	20.02	9.11	3.27	46	1.00	140	260
60	29.51	20.10	9.02	3.36	50	0.93	130	260
65	29.51	20.25	8.89	3.55	56	1.07	130	200
70	29.51	20.38	8.78	3.83	61	0.81	95	320
75	29.51	20.48	9.03	3.33	58	1.00	150	320
80	29.51	20.33	8.95	3.27	59	0.97	130	260
85	29.51	20.57	8.76	3.59	64	0.81	95	260
90	29.51	20.75	8.71	3.68	66	0.76	90	260
95	29.51	20.90	8.64	3.77	69	0.69	85	240
100	29.51	21.14	8.53	3.84	73	0.55	75	200
105	29.51	21.37	8.43	4.02	77	0.40	55	200
110	29.51	21.44	8.36	4.15	80	0.32	50	200

End Purge Time: 1200

Desity Measurement Start 1.002 End 1.001

Water sample:

Time collected: 1415

Total volume of purged water removed: 11 gals.

Physical appearance at start

Color Cloudy
 Odor None

Physical appearance at sampling

Color Clear
 Odor None

Sheen/Free Product None

Sheen/Free Product None

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

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

Date 9/21/11 Personnel EBR Weather _____
 Site Name SB 915 Evacuation Method Ground fos Well # SB 915-MW-95S
 Site Location Camillus Sampling Method Ground fos Project # _____

Well information:

Depth of Well * 38.02 ft. * Measurements taken from
 Depth to Water * 29.49 ft. Top of Well Casing
 Length of Water Column 8.53 ft. Top of Protective Casing
 (Other, Specify)

Start Purge Time: _____

Elapsed Time ()	Depth To Water ()	Temperature ()	pH	Conductivity ($\mu S/cm$)	Oxidation Reduction Potential	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min).
125	29.50	21.49	8.27	4.64	88	0.38	60	200
130	29.51	21.48	8.22	4.67	89	0.18	55	200
135	29.51	21.53	8.19	4.77	92	0.10	40	200
140	29.51	21.60	8.32	4.75	91	0.15	60	200
145	29.51	21.52	8.36	4.69	89	0.16	60	200
* 1320	29.51	21.70	9.45	3.62	6		140	400
5	29.51	21.37	9.26	3.34	24		100	300
10	29.51	21.45	8.96	3.50	38		70	300
15	29.51	21.34	8.80	3.55	48		55	300
20	29.51	21.34	8.76	3.60	51		50	300
25	29.51	21.34	8.72	3.60	55		45	300

End Purge Time: 1200 / 1345 * Pump quit during sampling. Changed. DO not reading correctly.

Desity Measurement Start _____ End 1.001
 Water sample: Time collected: 1415 Total volume of purged water removed: 15 gals.
 Physical appearance at start: Color Cloudy Physical appearance at sampling: Color Clear
 Odor None Odor None
 Sheen/Free Product None Sheen/Free Product None

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

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

Date: 9/21/11 Personnel: NWV Weather: cloudy ~65
 Site Name: Washeed 13 SCA Evacuation Method: Grundfos RF 2 Well #: SB915-MW-975
 Site Location: Camillus, NY Sampling Method: Grundfos RF 2 Project #: 1163.46698

Well information:

Depth of Well * 36.71 ft.
 Depth to Water * 28.31 ft.
 Length of Water Column 8.40 ft.

* Measurements taken from

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

Start Purge Time: 1010

Elapsed Time (min)	Depth To Water (ft) BTOC	3% Temperature (°C)	pH	3% Conductivity (µS/cm)	Oxidation Reduction ^{±10} Potential	Dissolved Oxygen (mg/l)	Turbidity (NTU) %	Flow Rate (ml/min)	Sp6
0	28.27	13.38	6.87	2.39	94	0.00	72322	400	1.001
5	28.28	13.26	6.88	2.24	60	0.00	273	320	1.001
10	28.28	14.71	6.90	2.23	50	0.00	195	340	1.000
15	28.28	15.35	6.92	2.29	55	0.00	89.8	260	1.000
20	28.28	15.73	6.92	2.34	62	0.00	46.3	260	1.000
25	28.28	16.01	6.93	2.37	63	0.00	30.2	260	1.000
30	28.28	16.18	6.93	2.41	63	0.00	20.6	260	1.000
35	28.28	16.38	6.93	2.48	62	0.00	15.6	260	1.000
38	28.28	16.41	6.93	2.54	61	0.00	11.3	260	1.000
41	28.28	16.45	6.93	2.60	60	0.00	10.65	260	1.000
44	28.28	16.49	6.93	2.64	60	0.00	10.15	260	1.000
47	28.28	16.48	6.93	2.67	59	0.00	9.49	260	1.000

End Purge Time: 1057

Desity Measurement Start 1.001 End 1.000

Water sample: Time collected: 1203 Total volume of purged water removed: 4 gallons
 Physical appearance at start: Color cloudy brown Physical appearance at sampling: Color clear
 Odor no Odor no
 Sheen/Free Product no Sheen/Free Product no

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

Analytical Parameters:
 ID: SCA-0016-04

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date 9/21/11 Personnel RST Weather 70's P SUNNY
 Site Name SCA Evacuation Method GRINDFOS Well # 58915-MW-985
 Site Location Camillus Sampling Method GR LowFlow Project # 1163/46698

Well information:

Depth of Well * 36.15 ft.
 Depth to Water * 26.46 ft.
 Length of Water Column 9.69 ft.

* Measurements taken from

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

Start Purge Time: 10:00AM

Elapsed Time (Min)	Depth +/- 3' To Water (FT)	3% Temperature (°C)	pH	Conductivity (µs/cm)	Oxidation Reduction Potential	Dissolved Oxygen (mg/l)	10% Turbidity (NTU)	Flow Rate (ml/min)
0	26.53	15.44	6.34	4.04	1	1.13	797	400
3	26.53	15.98	6.43	4.08	-6	0.79	621	400
6	26.48	15.97	6.49	4.12	0	0.40	535	400
9	26.48	15.85	6.52	4.14	11	0.15	283	400
12	26.48	15.80	6.54	4.14	16	0.05	229	400
15	26.48	15.74	6.54	4.15	26	0.00	163	400
18	26.48	15.74	6.55	4.13	30	0.00	113	400
21	26.48	15.63	6.55	4.14	34	0.00	78.4	400
24	26.48	15.65	6.55	4.10	37	0.00	57.1	400
27	26.48	15.53	6.56	4.09	38	0.00	42.5	400
30	26.48	15.61	6.55	4.07	38	0.00	37.8	400
33	26.48	15.60	6.56	4.07	38	0.00	32.4	400
36	26.48	15.65	6.56	4.07	39	0.00	26.6	400
39								

End Purge Time: _____

Desity Measurement Start 1000 End _____

Water sample:

Time collected: 1128

Total volume of purged water removed: _____

Physical appearance at start

Physical appearance at sampling

Color _____

Color _____

Odor _____

Odor _____

Sheen/Free Product _____

Sheen/Free Product _____

Field Test Results:

Dissolved ferrous iron: _____

Dissolved total iron: _____

Dissolved total manganese: _____

Analytical Parameters:

~~58915-0016-05~~ SCA-0016-05 1128

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date: 9/22/11 Personnel: J. Bane, N. Vagan Weather: ~70°F Sun/clouds
 Site Name: SR915-SCA Evacuation Method: Groundros Pump Well #: SR915-MW-99S
 Site Location: Camillus, NY Sampling Method: Groundros Pump Project #: 4669A

Well information:

Depth of Well * 33.89 ft.
 Depth to Water * 26.54 ft.
 Length of Water Column 7.35 ft.

* Measurements taken from

<input checked="" type="checkbox"/>	Top of Well Casing
<input type="checkbox"/>	Top of Protective Casing
<input type="checkbox"/>	(Other, Specify)

Start Purge Time: 1347

Elapsed Time (min)	Depth To Water (ft)	Temperature (°C)	pH	Conductivity (µS/cm)	Oxidation Reduction Potential	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	
0	26.56	18.54	6.83	3.35	0	11.35	Err 4	400	
5	26.56	15.69	6.78	3.50	-15	6.21	2694 2694	440	1.008
10	26.56	15.92	6.77	6.20	-49	4.05	1840 1840	560	1.006
15	26.56	15.88	6.79	7.26	-60	2.43	443	480	1.004
20	26.56	15.83	6.80	7.47	-67	1.78	157	500	1.004
25	26.56	15.66	6.81	7.58	-70	1.17	82.0	500	1.004
30	26.56	15.73	6.82	7.76	-72	0.76	48.9	500	1.004
35	26.56	15.73	6.82	7.78	-75	0.16	31.3	500	1.004
38	26.56	15.73	6.82	7.79	-75	0.00	21.2	500	1.004
41	26.56	15.74	6.82	7.79	-76	0.00	19.6	500	1.004
44	26.56	15.70	6.82	7.80	-76	0.00	17.4	500	1.004

End Purge Time: 1431

Desity Measurement Start 1.008 End 1.004

Water sample:

Time collected: 1500 Total volume of purged water removed: 6 gallons

Physical appearance at start

Color: cloudy brown
 Odor: no
 Sheen/Free Product: no

Physical appearance at sampling

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

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

Analytical Parameters:
 Sample ID: SCA-0019-03

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date: 9/23/11 Personnel: NWV Weather: cloudy ~60
 Site Name: SR915-SCA Evacuation Method: grindfor Af 2 Well #: SR915-MW-1005
 Site Location: Camillus, NY Sampling Method: grindfor Af 2 Project #: 1163-46698

Well information:

Depth of Well * 33.92 ft.
 Depth to Water * 24.08 ft.
 Length of Water Column 9.84 ft.

* Measurements taken from

page 1 of 3

<input checked="" type="checkbox"/>	Top of Well Casing
<input type="checkbox"/>	Top of Protective Casing
<input type="checkbox"/>	(Other, Specify)

Start Purge Time: 0940 XA-0021-01

Elapsed Time (min)	Depth To Water (BTWC)	Temperature (°C)	pH	Conductivity (µS/cm)	Oxidation Reduction Potential	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Sp6
0	24.11	14.36	6.46	11.9	50	3.11	7999	440	1.004
5	24.11	14.88	6.76	12.2	9	1.91	7999	400	1.004
10	24.11	16.18	6.89	13.5	-12	1.77	7999	200	1.004
15	24.11	16.66	7.10	14.3	-37	0.89	7999	200	1.004
* 20	24.11	17.96	7.19	15.1	-55	0.33	7999	320	1.004
25	24.11	16.08	7.22	13.6	-51	0.00	900	500	1.004
* 30	24.11	15.94	7.20	14.2	-51	0.00	850	340	1.004
* 35	24.11	16.30	7.20	14.7	-55	0.00	750	360	1.004
40	24.11	15.48	7.21	14.8	-55	0.00	650	500	1.004
* 45	24.11	16.04	7.28	15.0	-65	0.00	500	440	1.004
50	24.11	16.23	7.33	15.7	-72	0.00	310	340	1.004
* 55	24.11	15.73	7.44	15.5	-82	0.00	230	300	1.004
60	24.11	15.98	7.69	16.5	-95	0.00	150	300	1.004
70	24.11	16.71	7.92	16.4	-109	0.00	110	340	1.004
75	24.11	17.25	8.11	16.5	-123	1.39	120	175	1.004
* 80	24.11	17.82	8.05	16.0	-123	0.00	170	360	1.004
85	24.11	17.55	7.89	15.6	-116	0.00	240	160	1.004
90	24.11	16.82	7.55	15.8	-74	0.00	400	500	1.004
95	24.11	16.50	7.55	15.7	-77	0.00	450	300	1.004
100	24.11	16.95	7.56	16.1	-84	0.00	340	150	1.004
	Stop	pump	Don. return purge at 1145						
125	24.11	19.16	7.34	7.72	-23	2.54	>999	440	1.004
130	24.11	17.41	7.21	11.2	-22	1.16	7999	300	1.004

End Purge Time: _____

Desity Measurement Start 1.004 End 1.004

Water sample:

Time collected: _____ Total volume of purged water removed: _____

Physical appearance at start

Physical appearance at sampling

Color slightly cloudy
 Odor no

Color clear
 Odor no

Sheen/Free Product no

Sheen/Free Product no

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

Analytical Parameters: flow decreasing + surge pump
switch control box, resume at 1048

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

Date 9/23/11 Personnel mm Weather mccloudy ~60
 Site Name SB915-SCA Evacuation Method grunfos Rf 2 Well # SB915-MW-1005
 Site Location Camillus, NY Sampling Method grunfos Rf 2 Project # 1163-46698

Well information:

Depth of Well * 33.92 ft.
 Depth to Water * 24.08 ft.
 Length of Water Column 9.84 ft.

* Measurements taken from

page 2 of 3

<input checked="" type="checkbox"/>	Top of Well Casing
<input type="checkbox"/>	Top of Protective Casing
<input type="checkbox"/>	(Other, Specify)

Start Purge Time: 0940

Elapsed Time (min)	Depth To Water (BTC)	Temperature (°C)	pH	Conductivity (µS/cm)	Oxidation Reduction Potential	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	SG
135	24.11	18.09	7.27	13.8	-41	0.49	1100	300	1.003
140		flushing	flow	through	cell				
145	24.11	16.88	7.43	14.6	-46	0.00	500	440	1.002
150	24.11	17.74	7.88	15.5	-111	0.00	296		1.003
		stop	generator	decreasing	flow				
160		low	pump	try to	stabilize	rain			
175	24.11	17.45	7.84	16.4	-107	0.00	450	380	1.008
180	24.11	17.87	7.78	16.4	-104	0.00	370	380	1.006
185		18.71	7.88	16.7	-118	0.00	220	190	
190									

End Purge Time: _____

Desity Measurement Start 1004 End _____

Water sample:

Time collected: _____ Total volume of purged water removed: _____
 Physical appearance at start _____ Physical appearance at sampling _____
 Color slightly cloudy Color _____
 Odor no Odor _____
 Sheen/Free Product no Sheen/Free Product _____

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

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

Date 9/26/11 Personnel J. Bone Weather ~75°F Sunny
 Site Name SR915-SEA Evacuation Method Grout logs Well # SR915-MW-1005
 Site Location Camillus, NY Sampling Method Grout logs Project # 416648

Well information:

Depth of Well * 33.89 ft.
 Depth to Water * 24.14 ft.
 Length of Water Column 9.75 ft.

* Measurements taken from

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

Page 3 of 3

Start Purge Time: 1025

Elapsed Time (Min)	Depth To Water (ft)	Temperature (°C)	pH	Conductivity (µS/cm)	Oxidation Reduction Potential	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Density
5	24.14 24.14	14.96	7.21	14.0	-63	0.00	1023	500	1.006
10	24.14	15.04	7.18	14.3	-68	0.00	403	500	1.006
15	24.14	15.00	7.36	14.6	-92	0.00	332	500	1.006
20	24.14	15.01	7.55	14.7	-118	0.00	247	500	1.006
25	24.14	15.09	7.71	14.8	-143	0.00	201	500	1.006
30	24.14	15.12	7.82	14.9	-153	0.00	153	500	1.006
35	24.14	15.31	7.90	14.9	-165	0.00	104	400	1.006
40	24.14	15.44	7.93	15.0	-170	0.00	81.3	400	1.006
45	24.14	15.63	7.96	14.9	-176	0.00	84.2	400	1.006
50	24.14	16.16	7.97	14.9	-179	0.00	74.0	400	1.006
55	24.14	16.23	7.98	15.2	-182	0.00	89.7	400	1.006
58	24.14	16.48	7.99	14.8	-184	0.00	202	400	1.006
62	24.14	17.01	7.99	14.8	-186	0.00	170	230	1.006
X 65	Flow stopped, unable to increase with control box. Samples busy a dedicated PVC sample								

End Purge Time: 1220

Desity Measurement Start 1.006 End 1.006

Water sample:

Time collected: 1220

Total volume of purged water removed: ~8.0 gal

Physical appearance at start

Physical appearance at sampling

Color Med-light brownish grey
 Odor no

Color clear
 Odor no yes

Sheen/Free Product no

Sheen/Free Product no

Field Test Results:

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

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date 9/23/11 Personnel J. Rene M. Vogan Weather ~75°F Sunny
 Site Name SB915-SCA Evacuation Method Gravel/Fos Well # SB915-MW-1019
 Site Location Gamillus, NY Sampling Method Gravel/Fos Project # 46698

Well information:

Depth of Well * 33.99 ft.
 Depth to Water * 24.61 ft.
 Length of Water Column 9.38 ft.

* Measurements taken from

<input checked="" type="checkbox"/>	Top of Well Casing
<input type="checkbox"/>	Top of Protective Casing
<input type="checkbox"/>	(Other, Specify)

Start Purge Time: 1345

Elapsed Time (min)	Depth To Water (BTOC)	Temperature (°C)	pH	Conductivity (ns/cm)	Oxidation Reduction Potential	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Sp6
0	24.61	20.27	7.80	10.7	-113	3.56	950	320	1.006
5	24.61	20.68	7.85	10.9	-156	0.00	800	300	1.006
10	24.61	19.98	7.85	10.4	-172	0.00	380	420	1.004
15	24.61	19.44	7.81	10.6	-176	0.00	170	480	1.004
20	24.61	19.07	7.78	10.6	-177	0.00	80	480	1.004
25	24.61	18.64	7.75	10.7	-177	0.00	26	480	1.004
30	24.61	18.47	7.74	10.7	-178	0.00	6.1	480	1.004
33	24.61	18.48	7.74	10.8	-178	0.00	5.1	480	1.004
36	24.61	18.45	7.74	10.8	-179	0.00	2.7	480	1.004
39									

End Purge Time: 1421

Desity Measurement Start 1.006 End 1.004

Water sample:

Time collected: 1500

Total volume of purged water removed: 5 gallons

Physical appearance at start

Physical appearance at sampling

Color cloudy brown
Odor _____

Color clear
Odor no

Sheen/Free Product no

Sheen/Free Product no

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

Analytical Parameters: SCA-0021-02

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date 9/26/11 Personnel R. Trent Weather EO'S SKY
 Site Name SRAS-SCA Evacuation Method Cumulos Well # SRAS-MW-1025
 Site Location _____ Sampling Method Low Flow Project # 1163/46698

Well information:

Depth of Well * 32.10 ft.
 Depth to Water * 23.58 ft.
 Length of Water Column 8.52 ft.

* Measurements taken from

<input checked="" type="checkbox"/>	Top of Well Casing
<input type="checkbox"/>	Top of Protective Casing
<input type="checkbox"/>	(Other, Specify)

Start Purge Time: 1330

Elapsed Time (m.w)	Depth To Water (FT)	Temperature (°C)	pH	Conductivity (µS/cm)	Oxidation Reduction Potential	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)
0	24.00	15.24	6.52	7.16	-52	0.00	NA	440
5	24.00	15.00	6.69	7.20	-57	0.00	700	480
10	24.00	14.97	6.75	7.20	-57	0.00	700	480
15	24.00	14.86	6.81	7.22	-57	0.00	450	480
20	24.00	14.65	6.84	7.22	-57	0.00	300	480
25	24.00	14.70	6.86	7.23	-58	0.00	210	480
30	24.00	14.73	6.88	7.22	-59	0.00	H2O2 NA	480
35	24.00	14.64	6.90	7.23	-59	0.00	70 NA	480
40	24.00	14.66	6.92	7.23	-59	0.00	45	480
45	24.00	14.57	6.92	7.23	-59	0.00	30	480
50	24.00	14.38	6.93	7.23	-60	0.00	27	480
55	24.00	14.37	6.93	7.23	-59	0.00	28	480
60								
65								
70								

End Purge Time: 1425

Desity Measurement Start 1.008 End 1.008

Water sample:

Time collected: 1510

Total volume of purged water removed: _____

Physical appearance at start
 Color Cloudy light Brown
 Odor NO
 Sheen/Free Product NO

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

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

Analytical Parameters:

SCA-0023-02 DUP SCA-0023-03

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date 9/22/11 Personnel RST Weather 70's Pscant
 Site Name SCA Evacuation Method GRINDFOS Well # SB915-MW-103S
 Site Location Camillus Sampling Method LOW FLOW Project # 1163/46628

Well information:

Depth of Well * 81.45 ft. * Measurements taken from 0 Top of Well Casing
 Depth to Water * 68.79 ft. Top of Protective Casing
 Length of Water Column 12.66 ft. (Other, Specify)

Start Purge Time: _____

Elapsed Time (M.N)	Depth To Water	Temperature (°C)	pH	Conductivity (µS/cm)	Oxidation Reduction Potential	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)
0	68.90	14.49	11.22	5.25	-10	1.54	75	380
3	68.90	16.68	10.29	4.15	8	1.61	80	360
6	68.90	17.81	9.00	3.45	46	1.61	36	400
9	68.90	17.81	8.74	3.26	59	1.57	21	400
12	68.90	17.96	8.40	3.04	75	1.48	12	400
15	68.90	18.07	8.21	2.99	76	1.47	9.9	400
18	68.90	18.08	8.09	2.92	66	1.45	6.0	400
21	68.90	18.01	7.99	2.88	58	1.43	4.2	400
24	68.90	17.94	7.87	2.86	54	1.42	3.7	400
27	68.90	17.98	7.81	2.84	52	1.39	3.8	400
30	68.90	18.09	7.75	2.83	51	1.39	3.5	400
33	68.90	18.05	7.69	2.82	54	1.37	3.1	400
36	68.90	18.15	7.66	2.81	54	1.36	2.9	400
39	68.90	18.12	7.62	2.80	56	1.36	2.8	400
42	68.90	18.10	7.61	2.80	58	1.35	2.1	400
45	68.90	18.09	7.60	2.80	59	1.35	1.7	400

End Purge Time: _____

Desity Measurement Start 1.002 End 1.002

Water sample:

Time collected: 1126 Total volume of purged water removed: _____
 Physical appearance at start: Clean Physical appearance at sampling: Clear
 Color: NO Color: NO
 Odor: NO Odor: NO
 Sheen/Free Product: NO Sheen/Free Product: NO

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

Analytical Parameters:

SCA-0019-01 1126

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date 9/27/11 Personnel EBR Weather Overcast 72°
 Site Name SB 915 Evacuation Method Grindfos Well # SR915-WB-02L
 Site Location Camillus Sampling Method Grindfos Project # 1163/416698

Well information:

Depth of Well * 111.44 ft.
 Depth to Water * 30.28 ft.
 Length of Water Column 81.16 ft.

* Measurements taken from

<input checked="" type="checkbox"/>	Top of Well Casing
<input type="checkbox"/>	Top of Protective Casing
<input type="checkbox"/>	(Other, Specify)

Start Purge Time: 1015

Elapsed Time ()	Depth To Water ()	Temperature ()	pH	Conductivity (<i>inS/cm</i>)	Oxidation Reduction Potential	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min).
0	30.26	17.07	6.80	88.6	-271	1.76	6.5	300 1.052
5	30.29	15.75	6.20	99.5	-208	0.59	8.5	340
10	30.26	14.12	6.12	7100	-191	0.52	5.0	340 1.054
15	30.26	13.98	6.09	7100	-187	0.43	2.8	340
20	30.26	14.00	6.08	7100	-185	0.37	1.9	340 1.054
25	30.26	13.89	6.08	7100	-183	0.35	1.2	340
30	30.26	13.85	6.07	7100	-182	0.31	0.9	340 1.054
35	30.26	13.83	6.07	7100	-180	0.29	7.3	340
40	30.26	13.79	6.07	7100	-180	0.28	6.9	340 1.054
45	30.26	13.80	6.07	7100	-179	0.27	5.8	340 1.054

End Purge Time: 1100

Desity Measurement Start 1.052 End 1.054

Water sample:
 Time collected: 1134
 Physical appearance at start
 Color Milky/Black
 Odor Sulfur
 Sheen/Free Product None

Total volume of purged water removed: 4 gals.
 Physical appearance at sampling
 Color Clear
 Odor Yes
 Sheen/Free Product None

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

SCA-0024-02

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date 9/27/11 Personnel NW Weather ~65° m cloudy
 Site Name Waggebed 13 SCA Evacuation Method grundfos RF 2 Well # SR915-MW-875
 Site Location Camillus, NY Sampling Method grundfos RF 2 Project # 1163-46698

Well information:

Depth of Well * 37.24 ft. * Measurements taken from
 Depth to Water * 29.65 ft. Top of Well Casing
 Length of Water Column 7.59 ft. Top of Protective Casing
 (Other, Specify)

Start Purge Time: 0935

Elapsed Time (min)	Depth To Water (BTWC)	Temperature (°C)	pH	Conductivity (µS/cm)	Oxidation Reduction Potential	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	SPG
0	29.64	13.90	6.92	0.747	82	1.26	328	480	1.000
5	29.64	14.19	7.47	0.691	46	0.93	179	480	2.000
10	29.64	14.64	8.20	0.630	32	1.37	146	480	1.000
15	29.64	14.79	8.54	0.610	29	1.44	115	480	1.000
20	29.64	14.76	8.85	0.596	24	1.57	93.1	480	1.000
25	29.64	14.66	9.02	0.588	20	1.57	83.1	480	1.000
30	29.64	14.53	9.31	0.566	16	1.93	123	480	1.000
35	29.64	14.51	9.25	0.559	15	1.78	157	480	1.000
* 40	29.64	14.88	9.11	0.549	19	1.68	153	340	1.000
45	29.64	15.51	9.00	0.552	25	1.61	124	340	1.000
50	29.64	15.60	8.91	0.554	30	1.69	114	340	1.000
55	29.64	15.73	8.95	0.545	31	1.65	114	340	1.000
60	29.64	16.01	8.90	0.555	34	1.73	99.1	340	1.000
65	29.64	15.87	8.81	0.562	38	1.74	90.6	340	1.000
70	29.64	15.72	8.84	0.565	40	1.77	84.4	340	1.000
75	29.64	15.76	8.85	0.564	40	1.80	83.3	340	1.000
80	29.64	15.84	8.85	0.560	42	1.79	77.8	340	2.000
85	29.64	15.81	8.85	0.563	43	1.87	72.4	340	1.000
90	29.64	15.80	8.81	0.568	45	1.95	68.5	340	1.000
95	29.64	15.66	8.81	0.570	47	1.92	66.3	340	1.000

End Purge Time: 1110

Desity Measurement Start 1.000 End 1.000

Water sample:

Time collected: 1140 Total volume of purged water removed: 12 gallons

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

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

Analytical Parameters: SCA-0025-01

* Drop rate to 340 ml/min to try and improve turbidity

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date 9/27/11 Personnel JWB Weather ~75°F Cloud/Sun
 Site Name SB915-SCA Evacuation Method Groutfos Well # SB915-MW-87I
 Site Location Camillus, NY Sampling Method Groutfos Project # 46648

Well information:

Depth of Well * 75.02 ft.
 Depth to Water * 29.68 ft.
 Length of Water Column 45.34 ft.

* Measurements taken from

<input checked="" type="checkbox"/>	Top of Well Casing
<input type="checkbox"/>	Top of Protective Casing
<input type="checkbox"/>	(Other, Specify)

Start Purge Time: 10:10

Elapsed Time (min)	Depth To Water (ft)	Temperature (°C)	pH	Conductivity (µS/cm)	Oxidation Reduction Potential	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Density
5	29.64	12.32	7.28	3.96	14	0.36	750	400	1.002
10	29.64	12.42	7.44	4.24	6	0.00	750	440	1.002
15	29.64	12.48	7.49	4.29	4	0.00	650	440	1.002
20	29.64	12.55	7.57	4.31	3	0.00	320	440	1.002
25	29.64	12.41	7.52	4.32	3	0.00	200	440	1.002
30	29.64	12.45	7.52	4.33	3	0.00	120	440	1.002
35	29.64	12.33	7.52	4.34	2	0.00	55	440	1.002
40	29.64	12.24	7.53	4.33	2	0.00	25	440	1.002
45	29.64	12.19	7.53	4.33	2	0.00	20	440	1.002
50	29.64	12.23	7.54	4.33	2	0.00	15	440	1.002

End Purge Time: 11:17

Desity Measurement Start 1.002 End 1.002

Water sample: SCA-6024-01
 Time collected: 11:15

Total volume of purged water removed: 8 gal

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

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

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

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date 9/11 Personnel RJT Weather 70's P sunny
 Site Name SCA Evacuation Method Groundfos Well # SB915-MW-878R
 Site Location Camillus Sampling Method LOW FLOW Project # 1163/46698

Well information:

Depth of Well * 129.41 ft.
 Depth to Water * 30.53 ft.
 Length of Water Column 98.88 ft.

* Measurements taken from

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

Start Purge Time: 1020

Elapsed Time (Min)	Depth To Water (Ft)	Temperature (°C)	pH	Conductivity (µmhos/cm)	Oxidation Reduction Potential	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)
0	33.22	12.50	10.07	84.6	-18	2.25	579	400-340
5	33.18	12.02	9.95	80.2	-26	1.52	88.2	340
10	33.12	12.46	9.71	80.9	-21	1.34	68.5	320
15	33.08	12.57	9.48	82.3	-21	1.26	30.2	320
20	33.05	12.51	9.19	83.5	-208	1.28	14.7	300
25	33.05	12.45	9.02	84.5	-250	1.27	11.5	300
30	33.20	12.11	8.82	86.7	-262	1.54	10.78	400
35	33.28	12.29	8.56	87.9	-255	1.16	1.34	320
40	33.35	12.34	8.51	88.0	-240	0.99	1.65	340
45	33.35	12.28	8.45	88.2	-248	1.03	1.78	300
50	33.35	12.28	8.41	88.4	-244	0.92	1.81	300
55	33.35	12.31	8.39	88.4	-232	0.80	0.15	300
60	33.35	12.36	8.33	88.8	-236	0.65	0.12	300
65	33.35	12.37	8.31	88.7	-233	0.66	0.10	300
70	33.35	12.44	8.30	88.8	-232	0.64	0.27	300
75								
80								
85								
90								

End Purge Time: _____

Desity Measurement Start 1.040 End _____

Water sample:

Time collected: _____ Total volume of purged water removed: _____

Physical appearance at start

Physical appearance at sampling

Color _____
 Odor _____

Color _____
 Odor _____

Sheen/Free Product _____

Sheen/Free Product _____

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

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date 9/28/11 Personnel MRM Weather ~75°F Sun
 Site Name SB915-SCA Evacuation Method Grudex Well # SB915-MW-885
 Site Location SCA Sampling Method Grudex Project # 46648

Well information:

Depth of Well * 37.40 ft.
 Depth to Water * 29.70 ft.
 Length of Water Column 7.70 ft.

* Measurements taken from

<input checked="" type="checkbox"/>	Top of Well Casing
<input type="checkbox"/>	Top of Protective Casing
<input type="checkbox"/>	(Other, Specify)

Start Purge Time: 10:27

Elapsed Time (min)	Depth To Water (ft)	Temperature (°C)	pH	Conductivity (µS/cm)	Oxidation Reduction Potential	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)
0	29.70	14.65	6.59	2.03	80	1.10	659	500
3	29.70	14.91	6.86	2.05	-8	0.00	566	500
6	29.70	14.69	6.89	2.12	-33	0.00	307	450
9	29.70	14.89	6.90	2.12	-39	0.00	266	450
12	29.70	14.99	6.91	2.13	-53	0.00	234	450
15	29.70	14.99	6.91	2.13	-57	0.00	189	450
20	29.70	14.99	6.92	2.15	-65	0.00	169	450
25	29.70	15.03	6.92	2.16	-70	0.00	125	450
30	29.70	15.10	6.92	2.17	-73	0.00	110	450
35	29.70	15.10	6.92	2.18	-76	0.00	104.1	450
40	29.70	15.09	6.92	2.19	-77	0.00	66.1	450
45	29.70	15.03	6.92	2.20	-79	0.00	59.5	450
50	29.70	14.98	6.92	2.20	-79	0.00	47.8	450
55	29.70	14.92	6.92	2.21	-80	0.00	41.7	450

SPR
1.002
1.000
1.000

End Purge Time: 1138

Desity Measurement Start 1.002 End 1.000

Water sample: SCA-0026-01

Total volume of purged water removed: ~89 gal

Time collected: 1138

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

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

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

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date 9/28/11 Personnel JWB Weather ~70°F Sunny
Site Name SR415-SCA Evacuation Method Groutbox Well # SR415-M6J-88J
Site Location Cornhus, NY Sampling Method Groutbox Project # 46648

Well information:

Depth of Well * 54.95 ft.
Depth to Water * 29.47 ft.
Length of Water Column 25.48 ft.

* Measurements taken from

<input checked="checked" type="checkbox"/>	Top of Well Casing
<input type="checkbox"/>	Top of Protective Casing
<input type="checkbox"/>	(Other, Specify)

Start Purge Time: 1025

Elapsed Time (min)	Depth To Water (ft)	Temperature (°C)	pH	Conductivity (µS/cm)	Oxidation Reduction Potential	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Density
5	29.54	17.03	9.19	13.2	-107	0.11	650	280	1.008
10	29.54	16.12	8.40	14.2	-66	0.01	550	340	1.008
15	29.54	16.29	8.08	14.4	-50	0.00	380	340	1.008
20	29.54	16.28	7.93	14.4	-42	0.00	250	340	1.008
25	29.54	16.19	7.87	14.2	-40	0.00	175	340	1.008
30	29.54	16.11	7.79	14.1	-36	0.00	120	340	1.008
35	29.54	16.03	7.75	14.0	-34	0.00	120	340	1.008
40	29.54	15.85	7.68	13.8	-31	0.00	80	340	1.008
45	29.54	15.71	7.66	13.8	-29	0.00	75	340	1.008
50	29.54	15.66	7.65	13.8	-29	0.00	50	340	1.008
55	29.54	15.45	7.62	13.6	-27	0.00	40	400	1.008
60	29.54	15.36	7.61	13.6	-27	0.00	28	400	1.008
65	29.54	15.36	7.59	13.5	-26	0.00	26	460	1.008
70	29.54	15.32	7.59	13.5	-26	0.00	26	400	1.008

End Purge Time: 1147

Desity Measurement Start 1.008 End 1.008

Water sample: SCA-0026-02

Total volume of purged water removed: ~9 gal

Time collected: 1147

Physical appearance at start

Physical appearance at sampling

Color Brown, turbid

Color Clear

Odor no

Odor no

Sheen/Free Product no

Sheen/Free Product no

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

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date 9/28/11 Personnel MUV Weather 165 p cloudy
Site Name waste bed 13 SCA Evacuation Method groundfos RF 2 Well # SB915-mw-88D
Site Location Camillus, NY Sampling Method groundfos RF 2 Project # 1163. 46692

Well information:

Depth of Well * 69.82 ft.
Depth to Water * 29.02 ft.
Length of Water Column 40.80 ft.

* Measurements taken from

Table with 2 columns: Measurement point (Top of Well Casing, Top of Protective Casing, Other, Specify) and value (X).

Page 1 of 2

Start Purge Time: 1034

Main data table with columns: Elapsed Time (min), Depth To Water (BTOC), Temperature (°C), pH, Conductivity (µS/cm), Oxidation Reduction Potential, Dissolved Oxygen (mg/l), Turbidity (NTU), Flow Rate (ml/min).

Sp 6
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1.012

End Purge Time: 1252

Desity Measurement Start 1.014 End 1.012

Water sample:

Time collected: 1312

Total volume of purged water removed: 9 gallons

Physical appearance at start
Color Cloudy Brown
Odor no
Sheen/Free Product no

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

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

over

Analytical Parameters: SCA-0026-03

Summary table with columns: Container Size, Container Type, # Collected, Field Filtered, Preservative, Container pH.

Date 9/28/11 Personnel AMW Weather ~65°F P. Cloudy
 Site Name SB915-SCA Evacuation Method Gravel Well # WVW-58915-MW-888
 Site Location Camillus, NY Sampling Method Gravel Project # 46698

Well information:
 Depth of Well * 69.82 ft. * Measurements taken from Page 2 of 2
 Depth to Water * 29.02 ft. Top of Well Casing
 Length of Water Column 40.80 ft. Top of Protective Casing
 (Other, Specify)

Start Purge Time: 1034

Elapsed Time (min)	Depth To Water (ft)	Temperature (°C)	pH	Conductivity (µs/cm)	Oxidation Reduction Potential	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)
115	29.10	15.63	7.16	29.6	-160	0.00	45	260
120	29.10	15.67	7.09	29.5	-158	0.00	80	260
125	29.10	15.58	7.10	29.8	-159	0.00	75	260
130	29.10	15.68	7.09	29.9	-159	0.00	60	260
135	29.10	15.68	7.09	30.0	-160	0.00	35	260
138	29.10	15.81	7.09	30.0	-160	0.00	50	260

End Purge Time: 1257

Desity Measurement Start 1.014 End 1.012

Water sample:
 Time collected: 1312 Total volume of purged water removed: 9 gal
 Physical appearance at start: Color Cloudy/Brown Physical appearance at sampling: Color Clear
 Odor NO Odor NO
 Sheen/Free Product NO Sheen/Free Product NO

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

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date 9/28/11 Personnel RJT Weather 80's P cloudy
 Site Name SCA Evacuation Method Gravelos Well # SB915-MW-88RR
 Site Location Camillus Sampling Method LowFlow Project # 1163/46698

Well information:

Depth of Well * 111.41 ft.
 Depth to Water * 28.78 ft.
 Length of Water Column 82.63 ft.

* Measurements taken from

Ø Top of Well Casing
 _____ Top of Protective Casing
 _____ (Other, Specify)

Start Purge Time: 1120

Elapsed Time (Min)	Depth To Water (FT)	Temperature (°C)	pH	Conductivity (µS/cm)	Oxidation Reduction Potential	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)
0	33.40	14.15	7.25	37.7	-178	0.58	509	240
5	33.66	15.21	7.11	45.7	-170	0.50	160	260
10	33.67	15.44	7.06	46.9	-159	0.45	114	260
15	33.51	15.50	6.95	52.6	-138	0.37	126	260
20	33.45	15.47	6.82	56.3	-116	0.25	78.7	220
25	33.32	15.66	6.75	58.1	-100	0.17	74.5	240
30	33.30	15.39	6.70	58.6	-95	0.13	64.1	240
35	33.12	15.41	6.64	60.7	-87	0.08	44.2	240
40	33.15	15.28	6.62	65.6	-85	0.08	34.7	250
45	33.15	15.37	6.61	65.4	-83	0.07	32.2	250
50	33.15	15.31	6.60	63.7	-82	0.06	26.1	250
55	33.15	15.26	6.59	66.4	-81	0.07	22.7	250
60	33.15	15.31	6.58	69.6	-80	0.05	20.1	250

End Purge Time: 1301

Desity Measurement Start 1.022 End 1.033

Water sample: 1300

Total volume of purged water removed: 650 gal

Physical appearance at start
 Color Clear
 Odor no
 Sheen/Free Product no

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

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

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date 9/26/11 Personnel EBR Weather Sunny 75°
 Site Name SB 915 Evacuation Method Grundfos Well # SB 915-MU-895
 Site Location Camillus Sampling Method Grundfos Project # 1103/46698

Well information:

Depth of Well * 34.35 ft.
 Depth to Water * 28.37 ft.
 Length of Water Column 5.98 ft.

* Measurements taken from

<input checked="" type="checkbox"/>	Top of Well Casing
<input type="checkbox"/>	Top of Protective Casing
<input type="checkbox"/>	(Other, Specify)

Start Purge Time: 1020

Elapsed Time (min)	Depth To Water (ft)	Temperature (°C)	pH	Conductivity (µS/cm)	Oxidation Reduction Potential	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)
0	28.38	16.10	6.99	1.73	100	1.49	>1100	400
5	28.38	16.36	7.12	1.78	69	0.89	>1100	450
10	28.38	16.28	7.16	1.81	55	0.49	>1100	450
15	28.38	16.43	7.17	1.83	50	0.34	>1100	380
20	28.38	16.67	7.18	1.84	45	0.21	600	380
25	28.38	16.64	7.19	1.84	43	0.06	350	380
30	28.38	16.67	7.20	1.84	43	0.00	210	380
35	28.38	16.83	7.21	1.84	45	0.00	130	380
40	28.38	16.94	7.22	1.84	47	0.00	65	380
45	28.38	17.10	7.22	1.83	47	0.00	45	380
50	28.38	17.37	7.23	1.83	48	0.00	32	380
55	28.38	17.75	7.23	1.82	42	0.00	50	380
60	28.38	18.09	7.24	1.81	36	0.00	35	380
65	28.38	18.24	7.24	1.81	36	0.00	22	380
70	28.38	18.45	7.25	1.81	34	0.00	23	380

End Purge Time: 1130

Desity Measurement Start 1.002 End 1.002

Water sample:

Time collected: 1201

Total volume of purged water removed: 8 gals.

Physical appearance at start

Physical appearance at sampling

Color Cloudy
 Odor None

Color Clear
 Odor None

Sheen/Free Product None

Sheen/Free Product None

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

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date 9/26/11 Personnel K. Kolwain Weather SUNNY ~ 70°F
 Site Name 915 Evacuation Method Ground fos Well # SB915-MU-87E
 Site Location Camillus Sampling Method Ground fos Project # 416698

Well information:

Depth of Well * 55.805 ft. * Measurements taken from
 Depth to Water * 28.41 ft. Top of Well Casing
 Length of Water Column 27.41 ft. Top of Protective Casing
 (Other, Specify)

Start Purge Time: 1015

Elapsed Time ()	Depth To Water (FT)	Temperature ()	pH	Conductivity ($\mu\text{S}/\text{cm}$)	Oxidation Reduction Potential	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min).
1005	28.41	16.00	7.23	7.24	41	10.73	900	1000
1020		PUMP	ISS	OE				
1025	28.41	15.61	7.27	9.60	4	5.55	400	200
1030	28.45	14.67	7.24	9.66	3	2.90	220	300
1035	28.47	15.41	7.23	9.52	0	1.64	110	350
1040	28.47	15.31	7.22	9.57	-4	1.08	100	350
1045	28.47	15.10	7.22	9.66	-7	1.11	120	350
1050	28.47	14.95	7.22	9.73	-10	0.43	130	400
1055	28.47	14.87	7.22	9.80	-11	0.23	100	400
1100	28.47	14.91	7.21	9.86	-11	0.12	65	400
1105	28.47	14.91	7.20	9.90	-11	0.07	60	400
1110	28.47	14.89	7.19	9.92	-9	0.05	45	400
1115	28.47	15.00	7.18	9.93	-8	0.02	40	400
1118	28.47	15.30	7.18	9.88	-7	0.00	50	400
1121	28.47	15.39	7.17	9.87	-6	0.00	31	400
1124	28.47	15.42	7.17	9.87	-6	0.00	25	400

End Purge Time: 101150

Desity Measurement Start 1.004 End 1.004
 Water sample: SCA-0022-03
 Time collected: 1150
 Total volume of purged water removed: 8 gal
 Physical appearance at start: Color Grey, Odor no, Sheen/Free Product no
 Physical appearance at sampling: Color Clear, Odor no, Sheen/Free Product no

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

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date 9/26/11 Personnel MRM Weather ~75°F Sun
 Site Name SR915-SCA Evacuation Method Gravitos Pump Well # SR915 - MW - 890
 Site Location Camillus NY Sampling Method Gravitos Pump Project # 46648

Well information:

Depth of Well * 75.43 ft.
 Depth to Water * 28.48 ft.
 Length of Water Column 46.95 ft.

* Measurements taken from

<input checked="" type="checkbox"/>	Top of Well Casing
<input type="checkbox"/>	Top of Protective Casing
<input type="checkbox"/>	(Other, Specify)

Start Purge Time: 1025

Elapsed Time (10:25)	Depth To Water (ft)	Temperature (°C)	pH	Conductivity (µS/cm)	Oxidation Reduction Potential	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)
0	28.53	15.09	6.53	9.34	-112	6.65	6914	300
3	28.53	13.78	6.62	15.8	-86	1.06	4259	500
6	28.53	13.97	6.64	16.1	-84	0.77		500
9	28.53	14.12	6.65	16.6	-84	0.49	1631	500
12	28.53	14.25	6.65	16.9	-83	0.31	966	500
15	28.53	14.24	6.66	17.0	-81	0.21	681	500
20	28.53	14.12	6.66	17.0	-84	0.04	1015	500
25	28.53	14.20	6.69	17.2	-108	0.00	962	500
30	28.53	14.34	6.70	16.9	-107	0.00	602	500
35	28.53	14.42	6.70	17.0	-104	0.00	303	500
40	28.53	14.47	6.71	17.0	-102	0.00	196	500
45	28.53	14.48	6.72	17.0	-101	0.00	125	500
50	28.53	14.41	6.73	17.1	-98	0.00	85.4	500
55	28.53	14.51	6.73	17.1	-95	0.00	15.8	500
60	28.53	14.48	6.74	17.1	-91	0.00	40.5	500
65	28.53	14.44	6.75	17.1	-88	0.00	31.8	500
70	28.53	14.51	6.75	17.1	-85	0.00	28.8	500

1.008
1.008
1.006

End Purge Time: 1205

SCA-002-02

Desity Measurement Start 1.010 End 1.008

Water sample: Time collected: 12:00

Total volume of purged water removed: _____

Physical appearance at start
 Color Cloudy
 Odor -
 Sheen/Free Product -

Physical appearance at sampling
 Color Clear
 Odor -
 Sheen/Free Product -

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

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date 9/26/11 Personnel MV Weather -70 Sunny
 Site Name Wastbed 13 SCA Evacuation Method groundfos Rf 2 Well # 5015-MW-89BR
 Site Location Camillus, NY Sampling Method groundfos Rf 2 Project # 1163-46698

Well information:

Depth of Well * 129.75 ft. * Measurements taken from
 Depth to Water * 27.97 ft. Top of Well Casing
 Length of Water Column 101.78 ft. Top of Protective Casing
 (Other, Specify)

Start Purge Time: 1025

Elapsed Time (min)	Depth To Water (BWC)	Temperature (°C)	pH	Conductivity (µs/cm)	Oxidation Reduction Potential	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	<i>Sp6</i>
0	28.50	16.60	6.87	49.7	-36	3.08	137	400	1.038
5	28.50	14.75	7.08	92.0	-106	0.00	100.1	380	1.040
10	28.50	14.73	7.14	93.2	-126	0.00	34.0	400	1.042
15	28.50	14.67	7.16	95.9	-136	0.00	27.2	400	1.042
20	28.50	15.01	7.18	93.7	-147	0.00	18.6	400	1.042
25	28.50	15.41	7.17	92.5	-153	0.00	7.81	400	1.042
30	28.50	15.52	7.15	92.6	-154	0.00	6.80	400	1.042
33	28.50	15.44	7.15	93.1	-151	0.00	6.05	400	1.044
36	28.50	15.67	7.14	92.5	-151	0.00	4.03	400	1.044
39	28.50	15.10	7.14	93.2	-152	0.00	4.02	400	1.044

End Purge Time: 1104

Desity Measurement Start 1.038 End 1.044

Water sample:

Time collected: 1130 Total volume of purged water removed: 5 gallons

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

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

Analytical Parameters: SCA-0022-01

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date 9/23/11 Personnel K. Kolwate Weather ~60°F - Overcast
 Site Name 915 Evacuation Method Ground Gas Well # 513915-nu-042
 Site Location Camillus Sampling Method Ground Gas Project # _____

Well information:

Depth of Well * 102.32 ft.
 Depth to Water * 25.14 ft.
 Length of Water Column 77.18 ft.

* Measurements taken from

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

Start Purge Time: 0934

Elapsed Time ()	Depth To Water (ft)	Temperature (°C)	pH	Conductivity (µS/cm)	Oxidation Reduction Potential	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Den
0935	25.16	12.92	7.47	19.3	-231	1.79	2.1	700	1.008
0940	25.16	13.17	7.70	19.9	-246	0.57	11.6	420	1.008
0945	25.16	13.53	7.71	20.3	-247	0.00	7.45	420	1.008
0950	25.16	13.65	7.51	20.5	-214	0.00	6.18	420	1.008
0955	25.17	13.73	7.37	20.6	-202	0.00	5.98	420	1.008
1000	25.18	13.80	7.32	20.6	-197	0.00	7.26	420	1.008
1005	25.18	13.84	7.30	20.6	-196	0.00	7.87	420	1.008
1010	25.18	13.96	7.28	20.6	-192	0.00	9.51	420	1.008
1015	25.18	14.01	7.27	20.6	-194	0.00	10.4	420	1.008
1020	25.18	14.07	7.27	20.6	-194	0.00	11.6	400	1.008
1025	25.19	14.27	7.27	20.6	-194	0.00	13.5	400	1.008
1030	25.19	14.34	7.23	21.2	-191	0.00	27.1	400	1.008
1035	25.19	14.45	7.08	22.8	-173	0.00	22.6	380	1.008
1040	25.19	14.47	6.95	23.3	-165	0.00	18.6	380	1.010
1045	25.19	14.54	6.88	23.6	-164	0.00	8.96	380	1.010
1050	25.19	14.69	6.83	23.7	-162	0.00	5.88	380	1.010
1055	25.19	14.73	6.81	23.7	-161	0.00	4.33	380	1.010
1058	25.19	14.74	6.80	23.8	-161	0.00	4.21	380	1.010
1101	25.19	14.82	6.79	23.7	-161	0.00	3.56	380	1.010
1104	25.19	14.86	6.79	23.7	-161	0.00	3.80	380	1.010

End Purge Time: 1104

Desity Measurement Start 1.008 End 1.010

Water sample: SCA-0020-02

Time collected: 1127

Total volume of purged water removed: ~11 gal

Physical appearance at start

Physical appearance at sampling

Color Clear
 Odor NO

Color Clear
 Odor NO

Sheen/Free Product NO

Sheen/Free Product NO

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

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date 9/23/11 Personnel MKL Weather partly cloudy 70s
 Site Name SCA Evacuation Method Groundfos Well # SB915-MW-90S
 Site Location Camillus, NY Sampling Method Groundfos Project # 1148.46698

Well information:

Depth of Well * 33.03 ft.
 Depth to Water * 24.89 ft.
 Length of Water Column 8.14 ft.

* Measurements taken from

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

Page 1 of 2

Start Purge Time: 0925

Elapsed Time (min)	Depth To Water (ft bwp)	Temperature (°C)	pH	Conductivity (mS/cm)	Oxidation Reduction Potential	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Density
0	24.91	13.30	6.94	8.08	-100	0.00	0.00-230	700	1.000
10	24.92	14.22	6.91	7.99	-88	0.00	1732	300	1.004
15	24.92	14.12	6.91	8.11	-92	0.00	1323	320	1.002
20	24.92	14.19	6.89	8.04	-98	0.00	529	300	1.004
25	24.92	15.15	6.89	8.05	-99	0.00	660	300	1.000
30	24.91	15.42	6.90	8.05	-101	0.00	971	300	1.000
35	24.91	15.17	6.88	8.04	-101	0.00	1098	200	1.000
40	24.91	16.15	6.88	8.00	-101	0.00	739	320	1.006
45	24.91	16.15	6.89	8.00	-103	0.00	396	300	1.006
50	24.91	15.98	6.88	8.04	-103	0.00	470	300	1.000
55	24.91	15.97	6.88	8.03	-104	0.00	451	300	1.000
60	24.91	16.06	6.87	8.03	-104	0.00	409	300	1.004
65	24.91	15.82	6.87	8.04	-104	0.00	1114	300	1.006
70	24.91	15.85	6.87	8.00	-104	0.00	1218	300	1.006
75	24.91	15.87	6.86	8.01	-107	0.00	539	300	1.000
80	24.91	15.88	6.86	8.01	-107	0.00	171	300	1.004
85	24.91	15.80	6.86	8.02	-107	0.00	160	300	1.004
90	24.91	15.81	6.85	8.02	-105	0.00	99.4	300	1.004
95	24.91	15.83	6.85	8.01	-106	0.00	71.0	300	1.002
100	24.91	15.84	6.85	8.01	-106	0.00	56.1	300	1.004
105	24.91	15.82	6.85	8.01	-105	0.00	39.9	300	1.004
110	24.91	15.84	6.85	8.00	-105	0.00	38.6	300	1.004
115	24.91	15.80	6.85	8.00	-104	0.00	35.3	300	1.004

End Purge Time: 1208

Continued on page 2/2

SCA-0021-01

Desity Measurement Start 1.000 End 1.004

Water sample:

Time collected: 1208

Total volume of purged water removed: 13 gal

Physical appearance at start

Color brown
 Odor none

Physical appearance at sampling

Color light brown
 Odor none

Sheen/Free Product

none

Sheen/Free Product

none

Field Test Results:

Dissolved ferrous iron: _____
 Dissolved total iron: _____
 Dissolved total manganese: _____

Analytical Parameters:

Expanded list

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date 9/23/11 Personnel MKC Weather 70°F P. Cloudy
Site Name SCA Evacuation Method Concrete Well # SB915-mw-905
Site Location Camillus, NY Sampling Method Concrete Project # 1163 46698

Well information:

Depth of Well * 33.03 ft.
Depth to Water * 24.89 ft.
Length of Water Column 8.14 ft.

* Measurements taken from

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

Page 2 of 2

Start Purge Time: 0925

Sampling log continued

Table with 9 columns: Elapsed Time, Depth To Water, Temperature, pH, Conductivity, Oxidation Reduction Potential, Dissolved Oxygen, Turbidity, Flow Rate. Includes handwritten data for 120 and 125 minutes.

End Purge Time: 1208

Density Measurement Start 1.006 End 1.004

Water sample:

Time collected: 1208
Physical appearance at start: Color brown, Odor NO, Sheen/Free Product NO

Total volume of purged water removed: 13 gal
Physical appearance at sampling: Color light brown, Odor NO, Sheen/Free Product no

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

Analytical Parameters:

Table with 6 columns: Container Size, Container Type, # Collected, Field Filtered, Preservative, Container pH

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date 9/23/11 Personnel EBR Weather Sunny 68°
 Site Name SB 915 Evacuation Method Grundfos Well # SB915-MW-90I
 Site Location Camillus Sampling Method Grundfos Project # _____

Well information:

Depth of Well * 56.40 ft.
 Depth to Water * 26.30 ft.
 Length of Water Column 30.10 ft.

* Measurements taken from

<input checked="" type="checkbox"/>	Top of Well Casing
<input type="checkbox"/>	Top of Protective Casing
<input type="checkbox"/>	(Other, Specify)

Start Purge Time: 0940

Elapsed Time ()	Depth To Water ()	Temperature ()	pH	Conductivity (mS/cm)	Oxidation Reduction Potential	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min).
0	26.40	13.79	6.52	11.3	89	2.65	1000	500
5	26.32	14.33	6.84	11.4	21	0.13	>1100	500 1.008
10	26.32	14.56	7.07	11.4	-22	0.00	>1100	460 1.010
15	26.32	14.56	7.14	11.4	-52	0.00	550	460 1.010
20	26.32	14.66	7.19	11.4	-72	0.00	280	450
25	26.32	14.72	7.21	11.3	-87	0.00	140	400 1.008
30	26.32	14.88	7.23	11.2	-97	0.00	60	400
35	26.32	14.85	7.24	11.2	-104	0.00	40	400 1.008
40	26.32	14.80	7.25	11.2	-110	0.00	16	440
45	26.32	14.84	7.26	11.2	-114	0.00	11	440 1.008
50	26.32	14.95	7.27	11.1	-116	0.00	7.8	440
55	26.32	14.97	7.28	11.1	-120	0.00	4.4	420 1.006
60	26.32	14.94	7.29	11.1	-122	0.00	2.5	440
65	26.32	14.96	7.29	11.1	-123	0.00	.95	440 1.008

End Purge Time: 1045

Desity Measurement Start 1.008 End 1.008

Water sample:
 Time collected: 1110 Total volume of purged water removed: 11 gals.
 Physical appearance at start: Color Brown Physical appearance at sampling: Color Clear
 Odor None Odor None
 Sheen/Free Product None Sheen/Free Product None

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

5CA-0020-01

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date 9/23/11 Personnel J. Bone Weather ~75°F Sun/Clouds
 Site Name SBKIS-SCA Evacuation Method Groundwater Pump Well # SBK15-MW-90BR
 Site Location Camillos, IL Sampling Method Groundwater Pump Project # 46698

Well information:

Depth of Well * 131.58 ft.
 Depth to Water * 27.76 ft.
 Length of Water Column 103.82 ft.

* Measurements taken from

<input checked="" type="checkbox"/>	Top of Well Casing
<input type="checkbox"/>	Top of Protective Casing
<input type="checkbox"/>	(Other, Specify)

Start Purge Time: 0930

Elapsed Time (min)	Depth To Water (ft)	Temperature (°C)	pH	Conductivity (µS/cm)	Oxidation Reduction Potential	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Density
5	29.30	14.78	5.33	51.8	212	1.48	-	160	1.028
10	29.60	15.27	5.70	57.2	-21	0.85	81.9	150	1.028
15	29.74	15.66	5.92	69.1	-95	0.47	246	150	1.028
20	29.87	15.88	6.09	68.9	-94	0.40	214	150	1.028
25	29.92	15.57	6.15	67.1	-83	0.35	211	150	1.028
* 30	OTW purged down to 1/2 length of water column ~51' OTW, will stabilize								
40	48.60	14.23	6.14	53.1	-68	0.16	175	500	1.030
45	48.46	13.83	6.17	53.7	-77	0.17	200	500	1.030
50	48.68	14.12	6.34	53.2	-128	0.12	226	500	1.030
55	48.55	14.29	6.84	51.6	-148	0.08	94.3	500	1.030
60	48.54	14.57	6.84	50.6	-187	0.06	35.8	500	1.030
65	48.35	14.70	6.81	44.3	-178	0.04	27.4	500	1.030
70	48.35	14.73	6.79	49.7	-171	0.03	22.2	500	1.028
75	48.55	15.03	6.75	49.1	-164	0.00	19.3	500	1.028
80	48.53	15.16	6.75	49.7	-162	0.00	15.7	500	1.028
83	48.53	15.15	6.74	49.8	-159	0.00	17.0	500	1.028
86	48.53	15.18	6.73	50.0	-156	0.00	15.4	500	1.028
89	48.53	15.20	6.72	49.6	-156	0.00	16.2	500	1.028

End Purge Time: 1120

Density Measurement Start 1.028 End 1.028

Water sample: SCA-0020-03

Total volume of purged water removed: ~14 gal

Time collected: 1120

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

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

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

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date 9/22/11 Personnel J. Bone Weather ~75°F Cloud/Scm
 Site Name SR915-SCA Evacuation Method Grudfos Well # SR915-MW-91SN
 Site Location Camillus, NY Sampling Method Grudfos Project # 46698

Well information:

Depth of Well * 90.40 ft.
 Depth to Water * 77.41 ft.
 Length of Water Column 12.99 ft.

* Measurements taken from

<input checked="" type="checkbox"/>	Top of Well Casing
<input type="checkbox"/>	Top of Protective Casing
<input type="checkbox"/>	(Other, Specify)

Start Purge Time: 1030

Elapsed Time (min)	Depth To Water (ft)	3% Temperature (°C)	±0.1 pH	±3% Conductivity (µS/cm)	Oxidation Reduction Potential	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Density
									±10 mV
5	77.61	14.17	6.62	16.2	-80	0.00	58.7	360	1.010
10	77.65	14.95	6.69	13.1	-89	0.00	28.5	460	1.008
15	77.65	16.60	6.68	10.8	-82	0.00	16.7	460	1.006
20	77.65	16.72	6.67	9.81	-78	0.00	15.1	460	1.006
25	77.66	16.70	6.66	9.10	-74	0.00	12.2	460	1.006
30	77.66	16.66	6.65	8.72	-72	0.00	8.98	460	1.006
35	77.66	16.70	6.65	8.36	-71	0.00	7.68	460	1.006
40	77.66	16.70	6.65	8.25	-70	0.00	6.95	460	1.006
45	77.66	16.75	6.65	8.19	-70	0.00	5.90	460	1.006
50	77.66	16.83	6.65	8.03	-70	0.00	5.29	460	1.006
53	77.66	16.86	6.65	7.96	-69	0.00	5.23	460	1.006
56	77.66	16.82	6.65	7.95	-69	0.00	4.71	460	1.006
59	77.66	16.89	6.65	7.87	-69	0.00	4.71	460	1.004
62	77.66	16.87	6.65	7.86	-69	0.00	4.84	460	1.004
65	77.66	16.87	6.65	7.86	-69	0.00	4.77	460	1.004

End Purge Time: 1145

Desity Measurement Start 1.010 End 1.004

Water sample: SCA-0018-01

Time collected: 1145

Total volume of purged water removed: _____

Physical appearance at start

Physical appearance at sampling

Color clear
 Odor NO

Color clear
 Odor NO

Sheen/Free Product NO

Sheen/Free Product NO

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

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date 9/22/11 Personnel MKL Weather Cloudy 70s
 Site Name Wastebed 13SCA Evacuation Method Ground PG Red Plan Well # SB915-MW-918
 Site Location Cornelius, NY Sampling Method Ground PG Red Plan Project # 1163

Well information:

Depth of Well * 43.95 ft.
 Depth to Water * 23.41 ft.
 Length of Water Column 20.81 ft.

* Measurements taken from

<input checked="" type="checkbox"/>	Top of Well Casing
<input type="checkbox"/>	Top of Protective Casing
<input type="checkbox"/>	(Other, Specify)

Start Purge Time: 1025

Elapsed Time (Min)	Depth To Water (ft bwp)	Temperature (°C)	pH	Conductivity (µS/cm)	Oxidation Reduction Potential	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	SG
0	20.89	14.00	12.11	0.702	-253	0.44	259	300	1.022
5	23.12	14.62	11.98	0.0	-266	0.63	58	120	
10		14.92	12.04	50.3	-262	0.29		500	1.022
15	23.88	14.45	12.07	24.4	-269	0.07	166.9	300	1.022
20	24.16	14.49	12.07	25.3	-273	0.00	55.5	200	
25	24.15	14.34	12.08	38.7	-275	0.00	47.8	260	1.022
30	24.20	14.29	12.09	43.5	-279	0.00	30.7	280	1.022
35	24.20	14.21	12.09	43.4	-285	0.00	14.1	300	1.022
40	24.20	14.53	12.08	43.5	-288	0.00	8.23	240	1.022
45	24.17	14.36	12.10	43.7	-289	0.00	6.27	300	1.023
50	24.17	14.15	12.09	43.3	-292	0.00	4.44	280	1.018
55	24.17	14.71	12.09	43.1	-293	0.00	4.53	200	
60	24.17	14.55	12.10	43.1	-293	0.00	2.92	280	

End Purge Time: 1153

SCA-6018-03

Desity Measurement Start 1.022 End 1.018

Water sample:

Time collected: 1153

Total volume of purged water removed: 7 gal

Physical appearance at start

Color Cloudy
 Odor none
 Sheen/Free Product none

Physical appearance at sampling

Color clear
 Odor none
 Sheen/Free Product none

Field Test Results:

Dissolved ferrous iron: _____
 Dissolved total iron: _____
 Dissolved total manganese: _____

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date 9/22/11 Personnel KJK Weather Mostly Cloudy ~ 75°F
 Site Name SB 915 Evacuation Method Grundfos Well # SB 915-MW-911
 Site Location Camillus Sampling Method Grundfos Project # _____

Well information:

Depth of Well * 127.88 ft.
 Depth to Water * 77.08 ft.
 Length of Water Column 50.80 ft.

* Measurements taken from

<input checked="" type="checkbox"/>	Top of Well Casing
<input type="checkbox"/>	Top of Protective Casing
<input type="checkbox"/>	(Other, Specify)

Start Purge Time: 1025

Elapsed Time ()	Depth To Water ()	Temperature ()	pH	Conductivity ($\mu S/cm$)	Oxidation Reduction Potential	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Dens.
1025	77.12	13.58	9.26	6.42	-88	1.88	NA	700	1.002
1030	77.11	13.91	7.76	7.26	-22	0.00	950	510	0.998
1035	77.11	14.16	7.52	7.82	-94	0.00	700	500	0.998
1040	77.11	14.14	7.42	7.28	-88	0.00	400	400	0.998
1045	77.11	14.20	7.34	7.29	-80	0.00	220	400	0.998
1050	77.11	14.19	7.28	7.29	-76	0.00	50	400	0.998
1055	77.11	14.23	7.25	7.28	-72	0.00	55	400	0.998
1100	77.11	14.28	7.23	7.27	-70	0.00	35	400	0.998
1103	77.11	14.28	7.22	7.27	-69	0.00	29	400	0.998
1106	77.11	14.31	7.21	7.27	-69	0.00	25	400	0.998
1109	77.11	14.41	7.21	7.26	-68	0.00	21	400	0.998

End Purge Time: 1109

Water sample: SCA-0018-04

Time collected: 1125

Physical appearance at start

Color Cloudy Green
 Odor No

Sheen/Free Product No

Density Measurement

Start 1.002 End 0.998

Total volume of purged water removed: ~ 7 gal

Physical appearance at sampling

Color Clear
 Odor No

Sheen/Free Product No

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

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date: 9/22/11 Personnel: MW Weather: partly cloudy ~ 70
 Site Name: Wastebed 13 SCA Evacuation Method: Grounds Ref 2 Well #: SB915-MW-910
 Site Location: Cornellus, NY Sampling Method: Grounds RF 2 Project #: 1163.46698

Well information:

Depth of Well * 136.19 ft. * Measurements taken from
 Depth to Water * 76.80 ft. Top of Well Casing
 Length of Water Column _____ ft. _____ Top of Protective Casing
 (Other, Specify) _____

Start Purge Time: 1020

Elapsed Time (min)	Depth To Water (BTCL)	3% Temperature (°C)	pH	3% Conductivity (µS/cm)	Oxidation Reduction Potential	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Sp 6
0	77.14	14.52	8.94	7.31	-92	3.69	110	320	1.002
5	77.14	14.28	9.09	7.56	-128	0.26	300	280	1.002
10	77.21	13.77	8.44	7.88	-169	0.00	220	360	1.002
15	77.21	14.27	8.10	7.88	-176	0.00	60	360	1.002
20	77.21	14.59	7.96	7.86	-179	0.00	32	360	1.002
25	77.21	14.62	7.93	7.82	-184	0.00	22	360	1.002
30	77.21	14.72	7.87	7.78	-181	0.00	22	360	1.002
33	77.21	14.96	7.81	7.76	-177	0.00	18	360	1.002
36	77.21	14.99	7.78	7.73	-174	0.00	17	360	1.002
39	77.21	15.03	7.73	7.71	-170	0.00	16	360	1.002
42	77.21	15.08	7.71	7.70	-169	0.00	16	360	1.002
45	77.21	15.11	7.71	7.69	-168	0.00	14	360	1.002

End Purge Time: 1105

Desity Measurement Start 1.002 End 1.002

Water sample:

Time collected: 1138 Total volume of purged water removed: _____

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

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

Analytical Parameters: SCA-0018-02

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date: 9/20/11 Personnel: NW/KSK Weather: ~65 cloudy
 Site Name: SB915 SCA Evacuation Method: Groundfros/Bailer Well #: SB915-mu-91BR
 Site Location: Cornellus, NY Sampling Method: Bailer Project #: 1163.46698

Well information:

Depth of Well * 210.11 ft.
 Depth to Water * 200.0+ ft.
 Length of Water Column 124.81 ft.

* Measurements taken from

<input checked="" type="checkbox"/>	Top of Well Casing
<input type="checkbox"/>	Top of Protective Casing
<input type="checkbox"/>	(Other, Specify)

Start Purge Time: 1458

Elapsed Time (min)	Depth To Water (BTOC)	Temperature (°C)	pH	Conductivity (µS/cm)	Oxidation Reduction Potential	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)
0		11.68	9.23	>100.0	-221	0.53	36.0	500
5		12.71	8.82	>100.0	-249	0.00	43.5	500
10		13.21	8.74	7100.0	-260	0.00	44.7	500
15		12.35	9.87	>100.0	-270	0.00	43.3	500
20		13.13	10.08	7100.0	-235	0.00	38.2	500
25		12.61	10.14	>100.0	-220	0.00	33.6	500
30	200.0+	14.03	10.16	>100.0	-207	0.00	30.7	500
X	Well purged dry & bailed dry. Allowing to recharge recover = sample on 9/21/11							
9/21/11	DTW: 96.5	DTB: 211'						
Samples @: 1445								

End Purge Time: _____

Desity Measurement Start _____ End 1.092

Water sample: 9/21/11
 Time collected: 1445

Total volume of purged water removed: ~25 gallons

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

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

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

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date 9/20/11 Personnel K. Kolowitz Weather Overcast 60°
 Site Name SB 915 Evacuation Method GroundPos Well # SR915-MW-42S
 Site Location Camillus Sampling Method GroundPos Project # 1103/4669B

Well information:

Depth of Well * 81.00 ^{50.68} ft.
 Depth to Water * 29.14 ft.
 Length of Water Column 21.54 ft.

* Measurements taken from

<input checked="" type="checkbox"/>	Top of Well Casing
<input type="checkbox"/>	Top of Protective Casing
<input type="checkbox"/>	(Other, Specify)

Start Purge Time: 1015

Elapsed Time ()	Depth To Water (FT)	Temperature (°C)	pH	Conductivity ($\mu S/cm$)	Oxidation Reduction Potential mV	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Sec
1015	31.20	16.07	12.16	27.3	-270	1.62	83.9	100	1.018
1020	31.32	15.30	12.18	28.7	-264	0.74	52.9	100	1.020
1025	31.38	15.27	12.18	29.0	-258	0.53	39.8	100	1.018
1030	31.40	15.44	12.17	29.0	-257	0.42	36.3	100	1.018
1035	31.45	15.55	12.17	29.1	-256	0.33	32.4	100	1.018
1040	31.48	15.64	12.17	29.1	-256	0.25	25.4	100	1.018
1045	31.52	15.61	12.17	29.1	-257	0.18	22.6	100	1.018
1048	31.52	15.67	12.17	29.0	-257	0.12	20.9	100	1.018
1051	31.53	15.70	12.17	29.1	-259	0.09	20.6	100	1.018
1054	31.55	15.65	12.17	29.1	-259	0.06	18.1	100	1.018

End Purge Time: _____

Desity Measurement Start 1.018 End 1.018

Water sample: SCA-005-03

Time collected: 1205

Total volume of purged water removed: ~ 2 gal

Physical appearance at start
 Color Light Brown
 Odor NO
 Sheen/Free Product NO

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

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

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date 9/20/11 Personnel NWW Weather overcast ~65 Site Name Wastebed 13 SCA Evacuation Method Grandfos Rediflow 2 Well # SB915-MW-92.I Site Location Camillus, NY Sampling Method Grandfos Rediflow 2 Project # 1163/46698

Well information:

Depth of Well * 81.08 ft. * Measurements taken from Depth to Water * 75.87 ft. Length of Water Column 5.21 ft. Top of Well Casing Top of Protective Casing (Other, Specify)

Start Purge Time: 1011

Table with 9 columns: Elapsed Time (min), Depth To Water (BTWC), 3% Temperature (°C), pH, 3% Conductivity (mS/cm), Oxidation Reduction Potential, Dissolved Oxygen (mg/l), Turbidity (NTU), Flow Rate (ml/min).

Sp 6 1.015 1.010 1.008 1.004 1.003 1.003 1.002 1.002 1.002

End Purge Time: 1158

Density Measurement Start 1.015 End 1.002

Water sample:

Time collected: 1157 SCA-0015-04 Total volume of purged water removed: 6 gallons

Physical appearance at start

Color clear Odor no Sheen/Free Product no

Physical appearance at sampling

Color clear Odor no Sheen/Free Product no

Field Test Results:

Dissolved ferrous iron: NA Dissolved total iron: NA Dissolved total manganese: NA

Analytical Parameters:

Table with 6 columns: Container Size, Container Type, # Collected, Field Filtered, Preservative, Container pH

929 ← PCB

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

Date 9/20/11 Personnel N. Kraus Weather _____
 Site Name SR915 Evacuation Method Gravel Well # SR915-MU-921(2)
 Site Location Cumulus, AK Sampling Method Gravel Project # 46698

Well information:

Depth of Well * 105.27 ft.
 Depth to Water * 76.39 ft.
 Length of Water Column 28.88 ft.

* Measurements taken from

SCA-0015-01 Samp-01
 SCA-0015-02 FD -02
 2 coolers
 Top of Well Casing
 Top of Protective Casing
 (Other, Specify)

Start Purge Time: 1011

Elapsed Time (min.)	Depth To Water	Temperature (°C)	pH	ms/cm Conductivity (µS/cm)	Oxidation Reduction Potential	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min.)
0 min	77.60 76.47	13.01	7.33	2.29	125	16.38	6.12	600
5-10 min	77.60 76.47	12.23	7.43	2.09	72	14.35	6.59	500
10:21	76.47	14.05	7.21	2.02	53	12.98	14.7	500
10:26	76.47	14.47	7.17	2.02	51	0.16	8.82	500
10:31	76.47	14.42	7.16	2.02	52	0.00	5.82	500
10:36	76.47	14.51	7.17	2.01	52	0.00	4.36	500
10:41	76.47	14.58	7.18	2.02	51	0.00	2.85	500

End Purge Time: 1041Desity Measurement Start 1.002 End 1.000**Water sample:**Time collected: 1050 Total volume of purged water removed: _____**Physical appearance at start****Physical appearance at sampling**Color Clear
Odor NoneColor Clear
Odor NOSheen/Free Product NoneSheen/Free Product NO**Field Test Results:**

Dissolved ferrous iron: _____
 Dissolved total iron: _____
 Dissolved total manganese: _____

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date 9/20/11 Personnel N. Krames Weather ~65°F cloudy
 Site Name SRAIS Evacuation Method Grout/Fos Well # SRAIS-MW-92BR
 Site Location Camillus, NY Sampling Method Grout/Fos bailer Project # 46698

Well information:

Depth of Well * 195.89 ft.
 Depth to Water * 76.35 ~~78.34~~ 76 ft.
 Length of Water Column 119.54 ft.

* Measurements taken from

<input checked="" type="checkbox"/>	Top of Well Casing
<input type="checkbox"/>	Top of Protective Casing
<input type="checkbox"/>	(Other, Specify)

Start Purge Time: 1200

Elapsed Time (12:00)	Depth To Water (76.35 ft)	Temperature (°C)	pH	Conductivity (mS/cm)	Oxidation Reduction Potential	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)
1200	76.35	11.97	7.16	34.6	-160	0.94	38.84	800 ml/min
1215	90.90	12.05	7.66	29.1	-156	0.00	30.03	420
1240	135.30	13.72	8.21	—	-40	0.10	24.14	740
* Well purged dry & bailed dry. Allowing to recover & will sample 9/21/11								
9/21/11 DTW Sample collected @ 1515								

1.032

End Purge Time:

Density Measurement Start 1.032 End

15 min 1.036

Total volume of purged water removed: ~25 gallons

Water sample: 9/21/11
Time collected: 1515
Physical appearance at start
 Color clear
 Odor NO
 Sheen/Free Product NO

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

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

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

Groundwater Sampling Logs
4th Quarter 2011

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date 12/6/11 Personnel ROA Weather ~40°, Showers
 Site Name Wastedbed 13 SCA Evacuation Method Grundfos (Rediflow) pump Well # SB915-MW- 875
 Site Location Camillus, NY Sampling Method Grundfos (Rediflow) pump Project # 1163 / 46698

COC # / Field Sample ID: SCA-0027-01

Well information:

Depth of Well * 37.24 ft.
 Depth to Water † 28.31 ft.
 Length of Water Column 8.93 ft.

Well Dia (in)	Gallons per Ft	Linear Ft per gallon
1	0.0408	24.5
2	0.1632	6.1
4	0.6528	1.5

* Measurements taken from
 Top of Well Casing
 Top of Protective Casing
 (Other, Specify)

Water parameters: ± 3% ± 0.1 ± 3% ± 10mV 10% 10%

Elapsed Time (min)	Depth To Water (BTOL)	Temperature (°C)	pH	Conductivity (ms/cm)	Oxidation Reduction Potential	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Sp G
0	<u>RIVE 28.27</u>	<u>11.12</u>	<u>8.31</u>	<u>20870</u>	<u>106</u>	<u>0.00</u>	<u>45.7</u>	<u>400</u>	<u>1.050</u>
5	<u>28.25</u>	<u>12.76</u>	<u>8.07</u>	<u>0.675</u>	<u>118</u>	<u>0.00</u>	<u>32.0</u>	<u>400</u>	<u>1.050</u>
10	<u>28.25</u>	<u>13.42</u>	<u>7.95</u>	<u>0.661</u>	<u>104</u>	<u>0.00</u>	<u>30.1</u>	<u>400</u>	<u>1.050</u>
15	<u>28.24</u>	<u>13.51</u>	<u>8.01</u>	<u>0.646</u>	<u>93</u>	<u>0.00</u>	<u>39.2</u>	<u>400</u>	<u>1.050</u>
20	<u>28.25</u>	<u>13.52</u>	<u>8.08</u>	<u>0.639</u>	<u>87</u>	<u>0.00</u>	<u>41.7</u>	<u>400</u>	<u>1.050</u>
25	<u>28.24</u>	<u>13.58</u>	<u>8.20</u>	<u>0.634</u>	<u>87</u>	<u>0.00</u>	<u>40.3</u>	<u>400</u>	<u>1.050</u>
30	<u>28.25</u>	<u>13.57</u>	<u>8.27</u>	<u>0.632</u>	<u>86</u>	<u>0.00</u>	<u>41.5</u>	<u>400</u>	<u>1.050</u>
35	<u>28.25</u>	<u>13.60</u>	<u>8.39</u>	<u>0.630</u>	<u>86</u>	<u>0.00</u>	<u>41.6</u>	<u>400</u>	<u>1.050</u>
40	<u>28.25</u>	<u>13.62</u>	<u>8.51</u>	<u>0.630</u>	<u>86</u>	<u>0.00</u>	<u>39.6</u>	<u>400</u>	<u>1.050</u>
45	<u>28.25</u>	<u>13.63</u>	<u>8.55</u>	<u>0.629</u>	<u>88</u>	<u>0.00</u>	<u>37.7</u>	<u>400</u>	<u>1.050</u>
50	<u>28.25</u>	<u>13.67</u>	<u>8.60</u>	<u>0.628</u>	<u>89</u>	<u>0.00</u>	<u>36.6</u>	<u>400</u>	<u>1.050</u>

Water sample:

Density Measurement 1.050

Time collected: 1230

Total volume of purged water removed: ~ 8 gallons

Physical appearance at start

Physical appearance at sampling

Color Slightly Cloudy
 Odor no

Color Clear
 Odor No

Sheen/Free Product no

Sheen/Free Product No

Samples collected:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

Notes:

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date 12/6/11 Personnel RES/RJT Weather 40's Rain
 Site Name Wastebed 13 SCA Evacuation Method Grundfos (Rediflow) pump Well # SB915-MW- 87I
 Site Location Camillus, NY Sampling Method Grundfos (Rediflow) pump Project # 1163 / 46698

COC # / Field Sample ID : SCA-0021-02

Well information:

Depth of Well * 75.02 ft.
 Depth to Water * 28.28 ft.
 Length of Water Column _____ ft.

Well Dia (in)	Gallons per Ft	Linear Ft per gallon
1	0.0408	24.5
2	0.1632	6.1
4	0.6528	1.5

* Measurements taken from
 Top of Well Casing
 Top of Protective Casing
 (Other, Specify)

Water parameters:

Elapsed Time (min)	Depth To Water (Fr)	± 3%	± 0.1	± 3%	± 10mV	10%	10%	Flow Rate (ml/min)
		°C Temperature	pH	ms/cm Conductivity	Oxidation Reduction Potential	Dissolved Oxygen (mg/l)	Turbidity (NTU)	
0	28.60	10.72	7.23	4.23	-33	0.0	—	420
5	28.60	10.99	7.22	4.23	-36	0.0	669	380
10	28.60	11.12	7.23	4.22	-37	0.0	517	380
15	28.60	11.17	7.23	4.21	-37	0.0	382	380
20	28.60	11.25	7.24	4.22	-37	0.0	249	400
25	28.60	11.24	7.25	4.21	-35	0.0	154	400
30	28.60	11.29	7.26	4.21	-34	0.0	114	400
35	28.60	11.32	7.26	4.21	-32	0.0	77.9	400
40	28.60	11.31	7.27	4.20	-30	0.0	54.2	400
45	28.60	11.32	7.27	4.20	-27	0.0	35.0	400
50	28.60	11.36	7.27	4.20	-26	0.0	27.5	400
53	28.60	11.34	7.27	4.19	-25	0.0	20.2	400

Hydrobase
1.002

1.002

Water sample:

Density Measurement 1.002

Time collected: 1225

Total volume of purged water removed: 9 gal

Physical appearance at start

Physical appearance at sampling

Color clear

Color clear

Odor none

Odor none

Sheen/Free Product none

Sheen/Free Product none

Samples collected:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

Notes:

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date 12/6/11 Personnel JMN Weather 40's rain
 Site Name Wastedbed 13 SCA Evacuation Method Grundfos (Rediflow) pump Well # SB915-~~WB~~WB-02L
 Site Location Camillus, NY Sampling Method Grundfos (Rediflow) pump Project # 1163 / 46698

COC # / Field Sample ID : SCA-0027-03

Well information:

Depth of Well * 111.44 ft.
 Depth to Water * 29.05 ft.
 Length of Water Column 82.39 ft.

Well Dia (in)	Gallons per Ft	Linear Ft per gallon
1	0.0408	24.5
2	0.1632	6.1
4	0.6528	1.5

* Measurements taken from
 Top of Well Casing
 Top of Protective Casing
 (Other, Specify)

Water parameters:

± 3% ± 0.1 ± 3% ± 10mV 10% 10%

Elapsed Time	Depth To Water	Temperature	pH	ms/cm Conductivity	Oxidation Reduction Potential	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)
0	29.03	10.20	6.91	92.6	-179	0.00	89.7	400
5	29.03	10.25	6.44	98.9	-138	0.00	113.0	400
10	29.03	10.57	6.34	96.7	-96	0.00	66.4	400
15	29.03	10.72	6.32	95.6	-82	0.00	39.2	400
20	29.03	10.82	6.30	95.5	-70	0.00	24.7	400
25	29.03	10.85	6.29	98.0	-65	0.00	18.9	400
30	29.03	10.93	6.28	99.8	-58	0.00	13.9	400
35	29.03	10.96	6.28	7100	-55	0.00	12.0	400
40	29.03	11.00	6.28	99.8	-51	0.00	11.9	400
45	29.03	11.03	6.28	7100	-49	0.00	10.2	400
50	29.03	11.06	6.27	7100	-47	0.00	8.53	400

Water sample:

Density Measurement 1.052

Time collected: 1155

Total volume of purged water removed: 10gal

Physical appearance at start

Physical appearance at sampling

Color Black

Color Clear

Odor Sulfur like

Odor None

Sheen/Free Product None

Sheen/Free Product None

Samples collected:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

Notes:

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date _____ Personnel _____ Weather _____
 Site Name Wastebed 13 SCA Evacuation Method Grundfos (Rediflow) pump Well # SB915-MW-873R
 Site Location Camillus, NY Sampling Method Grundfos (Rediflow) pump Project # 1163 / 46698

COC # / Field Sample ID : SCA-0027-04 05846 MS/MSA

Well information:

Depth of Well * 129.41 ft.
 Depth to Water * 29.26 ft.
 Length of Water Column 100.15 ft.

Well Dia (in)	Gallons per Ft	Linear Ft per gallon
1	0.0408	24.5
2	0.1632	6.1
4	0.6528	1.5

* Measurements taken from
 Top of Well Casing
 Top of Protective Casing
 (Other, Specify)

Water parameters: ± 3% ± 0.1 ± 3% ± 10mV 10% 10%

1055

sp 6

Elapsed Time	Depth To Water	Temperature	pH	ms/cm Conductivity	Oxidation Reduction Potential	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)
0	31.27	10.99	10.99	67.5	55	1.95	16.8	340
5	31.55	10.50	10.61	77.1	36	0.00	13.1	340
10	31.72	10.48	10.31	77.0	20	0.00	48.9	320
15	31.88	10.58	10.06	78.5	-28	0.00	36.1	320
20	31.86	10.76	9.66	80.0	-210	0.00	27.9	320
25	32.18	10.76	9.39	81.1	-243	0.00	19.3	340
30	32.21	10.79	9.18	81.5	-249	0.00	14.5	340
35	32.24	10.86	9.08	81.6	-249	0.00	15.3	340
40	32.25	10.87	8.92	81.9	-240	0.00	10.0	340
45	32.27	10.90	8.80	82.1	-230	0.00	7.90	340
50	32.27	10.90	8.68	82.2	-220	0.00	7.91	340
55	32.28	10.93	8.59	82.2	-213	0.00	7.33	340
60	32.28	10.96	8.49	82.2	-205	0.00	7.31	340
65	32.28	10.97	8.45	82.1	-200	0.00	7.27	340
70	32.28	10.93	8.42	82.1	-198	0.00	7.27	340

1.032
1.040
1.040
1.040
1.040
1.040
1.040
1.040
1.040
1.040
1.040
1.040
1.040
1.040
1.040
1.040
1.040

Water sample:

Density Measurement 1.042

Time collected: 1307, 1310, 1312

Total volume of purged water removed: _____

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

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

Samples collected:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

Notes:

N
h
4

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

Date 12/08/11 Personnel RDH Weather ± 30's, Cloudy
 Site Name Wastebed 13 SCA Evacuation Method Grundfos (Rediflow) pump Well # SB915-MW-805
 Site Location Camillus, NY Sampling Method Grundfos (Rediflow) pump Project # 1163 / 46698

COC # / Field Sample ID : SLA-0029-01

Well information:

Depth of Well * 37.40 ft.
 Depth to Water * 28.73 ft.
 Length of Water Column 8.67 ft.

Well Dia (in)	Gallons per Ft	Linear Ft per gallon
1	0.0408	24.5
2	0.1632	6.1
4	0.6528	1.5

* Measurements taken from
 Top of Well Casing
 Top of Protective Casing
 (Other, Specify)

Water parameters: ± 3% ± 0.1 ± 3% ± 10mV 10% 10%

Elapsed Time	Depth To Water (BTOC)	(°C) Temperature	pH	(ms/cm) Conductivity	Oxidation Reduction Potential	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	SpG
0	28.75	10.97	6.81	2.80	-42	0.00	458	400	1.000
5	28.73	12.37	6.96	2.82	-57	0.00	217	400	1.000
10	28.73	12.73	7.01	2.80	-60	0.00	98.6	440	1.000
15	28.73	12.94	7.04	2.77	-60	0.00	48.5	480	1.000
20	28.73	12.93	7.05	2.79	-62	0.00	26.9	480	1.000
25	28.73	13.00	7.06	2.80	-63	0.00	18.1	400	1.002
30	28.72	13.06	7.07	2.80	-65	0.00	13.5	400	1.000
35	28.73	13.09	7.07	2.80	-66	0.00	10.7	400	1.000
40	28.73	13.14	7.08	2.81	-68	0.00	7.1	400	1.000
45	28.73	13.17	7.08	2.81	-68	0.00	6.88	400	1.000
50	28.72	13.17	7.08	2.81	-69	0.00	5.29	400	1.002

Water sample:

Density Measurement 1.002

Time collected: 17.15 Total volume of purged water removed: 28 gallons
 Physical appearance at start: Color Cloudy Grey Physical appearance at sampling: Color Clear
 Odor No Odor No
 Sheen/Free Product No Sheen/Free Product No

Samples collected:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

Notes:

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date 12/8/11 Personnel RES Weather 30's sunny
 Site Name Wastebed 13 SCA Evacuation Method Grundfos (Rediflow) pump Well # SB915-MW- 82 I
 Site Location Camillus, NY Sampling Method Grundfos (Rediflow) pump Project # 1163 / 46698

COC # / Field Sample ID : SCA-0029-02

Well information:

Depth of Well * 54.95 ft.
 Depth to Water * 29.39 ~~28.55~~ ^{RES} ft.
 Length of Water Column 26.02 ft.

Well Dia (in)	Gallons per Ft	Linear Ft per gallon
1	0.0408	24.5
2	0.1632	6.1
4	0.6528	1.5

* Measurements taken from

<input checked="" type="checkbox"/>	Top of Well Casing
<input type="checkbox"/>	Top of Protective Casing
<input type="checkbox"/>	(Other, Specify)

Water parameters:

± 3% ± 0.1 ± 3% ± 10mV 10% 10%

Elapsed Time (min)	Depth To Water (ft)	Temperature °C	pH	ms/cm Conductivity	Oxidation Reduction Potential	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)
0	28.55 ^{RES} 29.39	11.87	8.38	11.4 ^{RES} 11.4	-198	0.0	341	340
5	29.39	12.34	8.11	11.4	-192	0.0	258	320
10	29.38	12.55	8.18	11.5	-203	0.0	194	310
15	29.37	12.41	8.07	11.6	-194	0.0	171	320
20	29.39	12.49	8.10	11.6	-202	0.0	174	320
25	29.38	12.61	8.17	11.5	-213	0.0	127	320
30	29.39	12.65	8.15	11.5	-210	0.0	96.4	310
35	29.38	12.73	8.09	11.6	-204	0.0	70.3	320
40	29.38	12.69	8.11	11.6	-208	0.0	53.5	340
45	29.38	12.83	8.03	11.7	-199	0.0	41.3	330
50	29.38	12.69	8.06	11.7	-203	0.0	30.9	320
55	29.38	12.69	8.05	11.7	-202	0.0	25.7	320

1045

Water sample:

Density Measurement 1.008 ^{RES}

Time collected: 1230

Total volume of purged water removed: 9 gal

Physical appearance at start

Physical appearance at sampling

Color clear

Color clear

Odor none

Odor none

Sheen/Free Product none

Sheen/Free Product none

Samples collected:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

Notes:

Date 12/8/11 Personnel NWV Weather ~35° Pclearing
 Site Name Wastebed 13 SCA Evacuation Method Grundfos (Rediflow) pump Well # SB915-MW-88D
 Site Location Camillus, NY Sampling Method Grundfos (Rediflow) pump Project # 1163 / 46698

COC # / Field Sample ID : SCA-0029-03 Page 1 of 2

Well information:

Depth of Well * 69.82 ft. Well Dia (in) Gallons per Ft Linear Ft per gallon

Depth to Water * 27.89 ft.

1	0.0408	24.5
2	0.1632	6.1
4	0.6528	1.5

Length of Water Column 41.93 ft.

* Measurements taken from
 Top of Well Casing
 Top of Protective Casing
 (Other, Specify)

1050

Water parameters:			± 3%	± 0.1	± 3%	± 10mV	10%	10%	
Elapsed Time	Depth To Water	Temperature	pH	Conductivity	Oxidation Reduction Potential	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	
0	27.99	11.24	7.00	25.0	-104	7.57	>	300	6.014
5	27.99	11.30	7.12	25.3	-127	6.00	>	300	1.012
10	27.97	11.26	7.15	25.3	-132	5.14	>	300	1.012
15	27.97	11.69	7.19	25.2	-136	2.09	>	300	1.012
20	27.97	11.79	7.20	25.2	-139	0.65		300	1.012
25									
30	Swap	control	box	→ 100	in water	W	flow		
35	27.97	11.78	7.18	24.9	-126	0.00	>	280	1.012
40	27.97	11.88	7.21	24.9	-135	0.00	>	280	1.012
45	27.97	12.13	7.22	24.9	-139	0.00	>	280	1.012
50	27.97	12.29	7.22	24.8	-141	0.00	>	280	1.012
55	27.97	12.46	7.22	24.8	-142	0.00	960	280	1.012
60	27.97	12.26	7.22	24.8	-143	0.00	681	280	1.012
65	27.97	12.08	7.22	24.8	-143	0.00	544	280	1.012
70	27.97	11.91	7.23	24.8	-143	0.00	451	280	1.012
75	27.97	12.22	7.22	24.8	-143	0.00	387	280	1.012
80	27.97	12.74	7.22	24.7	-143	0.00	374	280	1.012
85	27.97	12.79	7.21	24.7	-143	0.00	264	280	1.012
90	27.97	12.73	7.22	24.7	-144	0.00	218	280	1.012
95	27.97	12.54	7.22	24.7	-144	0.00	173	280	1.012
100	27.97	12.49	7.23	24.6	-145	0.00	143	280	1.012
105	27.97	12.53	7.23	24.6	-145	0.00	111	280	1.012
110	27.97	12.55	7.23	24.6	-144	0.00	113	280	1.012
115	27.97	13.10	7.22	24.5	-144	0.00	85.4	280	1.012
120	27.97	13.03	7.22	24.5	-144	0.00	71.0	280	1.012
125	27.97	12.89	7.22	24.5	-144	0.00	69.0	280	1.012
130	27.97	12.91	7.23	24.4	-145	0.00	61.0	280	1.012

Water sample: Density Measurement 1.012

Time collected: 1330 Total volume of purged water removed: 10 gallons

Physical appearance at start: Color cloudy brown Physical appearance at sampling: Color clear
 Odor no Odor no

Sheen/Free Product no Sheen/Free Product no

Samples collected:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

Notes:

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date 12/8/11 Personnel NW Weather ~35° pcloud,
 Site Name Wastebed 13 SCA Evacuation Method Grundfos (Rediflow) pump Well # SB915-MW- 88D
 Site Location Camillus, NY Sampling Method Grundfos (Rediflow) pump Project # 1163 / 46698

COC # / Field Sample ID : SCA-0029-03

Page 2 of 2

Well information:

Depth of Well * 69.82 ft.
 Depth to Water * 27.89 ft.
 Length of Water Column 41.93 ft.

Well Dia (in)	Gallons per Ft	Linear Ft per gallon
1	0.0408	24.5
2	0.1632	6.1
4	0.6528	1.5

* Measurements taken from

<input checked="" type="checkbox"/>	Top of Well Casing
<input type="checkbox"/>	Top of Protective Casing
<input type="checkbox"/>	(Other, Specify)

Water parameters:

± 3%

± 0.1

± 3%

± 10mV

10%

10%

Elapsed Time	Depth To Water	Temperature	pH	ms/cm Conductivity	Oxidation Reduction Potential	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)
<u>135</u>	<u>27.97</u>	<u>12.97</u>	<u>7.23</u>	<u>24.4</u>	<u>-144</u>	<u>0.00</u>	<u>56.9</u>	<u>280</u>
<u>138</u>	<u>27.97</u>	<u>12.93</u>	<u>7.23</u>	<u>24.3</u>	<u>-144</u>	<u>0.00</u>	<u>50.0</u>	<u>280</u>

SPC
1.012
1.012

Water sample:

Density Measurement 1.012

Time collected: 1330

Total volume of purged water removed: 10 gallons

Physical appearance at start
 Color clear cloudy brown
 Odor no

Physical appearance at sampling
 Color clear
 Odor no

Sheen/Free Product no

Sheen/Free Product no

Samples collected:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

Notes:

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date 12/8/11 Personnel YMN Weather Cloudy w/ snow 30's
 Site Name Wastebed 13 SCA Evacuation Method Grundfos (Rediflow) pump Well # SB915-MW-888R
 Site Location Camillus, NY Sampling Method Grundfos (Rediflow) pump Project # 1163 / 46698

COC # / Field Sample ID : SCA-0029-04

Well information:

Depth of Well * 111.41 ft.
 Depth to Water * 27.57 ft.
 Length of Water Column 84.24 ft.

Well Dia (in)	Gallons per Ft	Linear Ft per gallon
1	0.0408	24.5
2	0.1632	6.1
4	0.6528	1.5

* Measurements taken from

<input checked="" type="checkbox"/>	Top of Well Casing
<input type="checkbox"/>	Top of Protective Casing
<input type="checkbox"/>	(Other, Specify)

Water parameters: ± 3% ± 0.1 ± 3% ± 10mV 10% 10%

Elapsed Time	Depth To Water	Temperature	pH	mS/cm Conductivity	Oxidation Reduction Potential	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)
0	30.93	11.49	8.57	21.2	-190	9.94	130	300
5	30.35	11.29	7.87	21.9	-150	8.11	140	600
10	31.09	11.26	7.78	22.9	-133	7.35	140	200
15	31.19	10.97	7.75	23.0	-128	6.84	200	250
20	31.14	10.57	7.70	23.2	-124	6.38	370	200
25	31.19	10.43	7.57	24.5	-113	5.89	340	250
30	31.20	10.38	7.43	20.0	-95	5.51	250	230
35	31.27	10.29	7.36	20.5	-85	5.22	180	250
40	31.25	10.26	7.32	15.1	-79	4.85	140	200
45	31.30	10.21	7.29	9.89	-74	4.57	110	200
50	31.25	10.34	7.24	14.6	-70	4.12	75	200
55	31.21	10.29	7.23	15.0	-66	3.72	70	200
60	31.18	10.23	7.22	21.0	-61	4.30	60	200
65	31.18	10.21	7.19	16.0	-57	3.24	45	200
70	31.18	10.55	7.20	16.3	-54	2.93	45	200
75	31.18	10.36	7.15	3.28	-46	0.00	55	200
80	31.18	10.53	7.03	61.9	-20	0.00	24	200
85	31.18	10.69	6.99	66.4	-18	0.00	14	200
90	31.18	10.63	6.95	67.2	-21	0.00	12	200
95	31.18	10.86	6.92	67.5	-20	0.00	10	200
100								

Water sample:

Density Measurement 1.0341

Time collected: 1224

Total volume of purged water removed: 8

Physical appearance at start
 Color Cloudy/White
 Odor NONE
 Sheen/Free Product NONE

Physical appearance at sampling
 Color Clear
 Odor NONE
 Sheen/Free Product NONE

Samples collected:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

Notes: A-Changed Header at 80 min.

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date: 12/12/11 Personnel: NW Weather: ~40° Sunny
 Site Name: Wastebed 13 SCA Evacuation Method: Grundfos (Rediflow) pump Well #: SB915-MW- 895
 Site Location: Camillus, NY Sampling Method: Grundfos (Rediflow) pump Project #: 1163 / 46698

COC # / Field Sample ID: SCA-0031-01

Well information:

Depth of Well * 34.35 ft.
 Depth to Water * 24.76 ft.
 Length of Water Column 9.59 ft.

Well Dia (in)	Gallons per Ft	Linear Ft per gallon
1	0.0408	24.5
2	0.1632	6.1
4	0.6528	1.5

* Measurements taken from
 Top of Well Casing
 Top of Protective Casing
 (Other, Specify)

Water parameters:

1125

Elapsed Time	Depth To Water	Temperature	pH	Conductivity	Oxidation Reduction Potential	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Sp G
0	27.47	17.30	7.27	2.15	51	0.00	7999	500	1.000
5	27.47	17.15	7.22	2.15	52	0.00	7999	320	1.000
10	27.47	17.63	7.24	2.15	44	0.00	7999	350	1.000
15	27.47	17.60	7.25	2.15	45	0.00	764	500	1.000
20	27.47	17.35	7.25	2.15	41	0.00	363	250	1.000
25	27.47	15.25	7.24	2.14	35	0.00	279	250	1.000
30	27.47	15.29	7.24	2.14	34	0.00	193	250	0.998
35	27.47	15.57	7.24	2.14	35	0.00	151	250	0.998
40	27.47	15.35	7.24	2.14	39	0.00	104.9	250	0.998
45	27.47	15.28	7.23	2.14	43	0.00	100	250	0.998
50	27.47	15.25	7.23	2.15	38	0.00	99.9	250	0.998
* 55	27.47	15.42	7.32	2.16	63	0.00	131	250	0.992
60	27.47	15.81	7.23	2.15	57	0.00	118	250	0.998
65	27.47	15.81	7.23	2.15	57	0.00	105.7	250	0.998
70	27.47	15.30	7.24	2.19	54	0.00	183	260	0.998
75	27.47	15.42	7.23	2.15	46	6.00	149	260	0.998
80	27.47	15.60	7.23	2.15	44	0.00	119	260	0.998
85	27.47	15.56	7.23	2.15	43	0.00	100.8	260	0.998
90	27.47	15.64	7.23	2.14	42	0.00	93.5	260	0.998
95	27.47	15.63	7.23	2.22	41	0.00	87.2	250	0.998
100	27.47	15.92	7.23	2.15	39	0.00	75.4	250	0.998
105	27.47	15.83	7.23	2.15	42	0.00	58.2	250	0.998
108	27.47	15.77	7.23	2.14	43	0.00	54.4	250	0.998
111	27.47	15.76	7.22	2.14	44	0.00	50.0	250	0.998

Water sample:

Density Measurement 0.998

Time collected: 1335

Total volume of purged water removed: 10 gallons

Physical appearance at start

Physical appearance at sampling

Color cloudy brown

Color clear

Odor no

Odor no

Sheen/Free Product no

Sheen/Free Product no

Samples collected:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

Notes:

* purge flow through cell

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date 12/12/11 Personnel REJ Weather 40° Sunny
 Site Name Wastebed 13 SCA Evacuation Method Grundfos (Rediflow) pump Well # SB915-MW- 87I
 Site Location Camillus, NY Sampling Method Grundfos (Rediflow) pump Project # 1163/46698

COC # / Field Sample ID : SCA-0031 - 02

Well information:

Depth of Well * 55.85 ft.
 Depth to Water * 27.38 ft.
 Length of Water Column 28.47 ft.

Well Dia (in)	Gallons per Ft	Linear Ft per gallon
1	0.0408	24.5
2	0.1632	6.1
4	0.6528	1.5

* Measurements taken from
 Top of Well Casing
 Top of Protective Casing
 (Other, Specify)

Water parameters:

Elapsed Time (Min)	Depth To Water (Ft)	°C Temperature	± 3%	± 0.1	± 3%	± 10mV	10%	10%	Flow Rate (ml/min)
			pH	mS/cm Conductivity	Oxidation Reduction Potential	Dissolved Oxygen (mg/l)	Turbidity (NTU)		
0	27.50	13.35	6.98	10.8	-231	0.0	346	~400	1.006
5	27.50	13.45	6.99	10.6	-233	0.0	221	~400	1.006
10	27.52	13.47	7.00	10.6	-234	0.0	155	~450	1.006
15	27.52	13.51	7.00	10.6	-233	0.0	119	~450	1.006
20	27.52	13.60	6.99	10.5	-229	0.0	89.6	~450	1.006
25	27.52	13.64	7.00	10.5	-220	0.0	69.9	~450	1.006
30	27.52	13.65	7.00	10.5	-215	0.0	56.0	~450	1.006
33	27.52	13.67	7.00	10.5	-212	0.0	45.6	~450	1.006
36	27.52	13.67	7.00	10.5	-209	0.0	37.6	~450	1.006
39	27.52	13.71	7.00	10.4	-206	0.0	33.2	~450	1.006

Water sample:

Density Measurement 1.006

Time collected: 1210

Total volume of purged water removed: ~10 gal

Physical appearance at start

Physical appearance at sampling

Color cloudy
 Odor none
 Sheen/Free Product none

Color clear
 Odor none
 Sheen/Free Product none

Samples collected:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

Notes:

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date 12/12/11 Personnel Asky Weather Sunny ~35°
 Site Name Wastebed 13 SCA Evacuation Method Grundfos (Rediflow) pump Well # SB915-MW- 89D
 Site Location Camillus, NY Sampling Method Grundfos (Rediflow) pump Project # 1163 / 46698

COC # / Field Sample ID : SCA - 0031 - 03

Well information:

Depth of Well * 75.43 ft.
 Depth to Water * 28.96 ft.
 Length of Water Column 46.47 ft.

Well Dia (in)	Gallons per Ft	Linear Ft per gallon
1	0.0408	24.5
2	0.1632	6.1
4	0.6528	1.5

* Measurements taken from
 Top of Well Casing
 Top of Protective Casing
 (Other, Specify)

Water parameters: ±3% ±0.1 ±3% ±10mV 10% 10%

Elapsed Time	Depth To Water	Temperature	pH	ms/cm Conductivity	Oxidation Reduction Potential	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)
11:00	28.59	11.73	6.74	15.0	-11	0.61	7	340
9:06	28.58	12.14	6.88	15.2	-13	0.00	7	345
10	28.58	12.63	6.94	15.4	-16	0.00	7	380
15	28.58	12.74	6.97	15.5	-17	0.00	7	380
20	28.57	12.83	6.99	15.7	-17	0.00	7	380
25	28.57	12.90	7.00	15.7	-17	0.00	7	380
30	28.57	13.01	7.02	15.7	-18	0.00	7	380
35	28.57	13.12	7.02	15.7	-17	0.00	7	380
40	28.57	13.15	7.03	15.8	-16	0.00	857	380
45	28.57	13.15	7.03	15.8	-16	0.00	652	370
50	28.57	13.20	7.03	15.8	-14	0.00	514	360
55	28.57	13.26	7.04	15.9	-13	0.00	400	320
60	28.57	13.38	7.04	15.9	-11	0.00	291	320
65	28.57	13.46	7.04	15.9	-10	0.00	230	315
70	28.57	13.50	7.05	15.8	-9	0.00	182	315
75	28.57	13.55	7.05	15.9	-8	0.00	135	315
80	28.57	13.59	7.05	15.8	-7	0.00	108	315
85	28.57	13.64	7.05	15.8	-6	0.00	78.1	315
90	28.57	13.49	7.06	15.8	-5	0.00	63.9	315
95	28.57	13.56	7.06	15.8	-4	0.00	56.1	315
98	28.57	13.59	7.06	15.8	-4	0.00	46.4	315
101	28.57	13.59	7.06	15.9	-3	0.00	38.4	315
104	28.57	13.61	7.06	15.9	-3	0.00	34.69	315

start -

1.009

1.008

1.008

1.009

1.008

1.008

Water sample:

Density Measurement 1.008 end ^{Asky} start 1.009 end -

Time collected: 1303

Total volume of purged water removed: ~10 gallons

Physical appearance at start

Physical appearance at sampling

Color cloudy
 Odor -

Color clear
 Odor -

Sheen/Free Product -

Sheen/Free Product -

Samples collected:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

Notes:

Date 12/12/11 Personnel _____ Weather 40° sunny
 Site Name Wastebed 13 SCA Evacuation Method Grundfos (Rediflow) pump Well # SB915-MW-878R
 Site Location Camillus, NY Sampling Method Grundfos (Rediflow) pump Project # 1163 / 46698

COC # / Field Sample ID : SCA-0031-04

Well information:

Depth of Well * _____ ft.
 Depth to Water * 28.19 ft.
 Length of Water Column _____ ft.

Well Dia (in)	Gallons per Ft	Linear Ft per gallon
1	0.0408	24.5
2	0.1632	6.1
4	0.6528	1.5

* Measurements taken from
 Top of Well Casing
 Top of Protective Casing
 (Other, Specify)

Water parameters:

Elapsed Time	Depth To Water	± 3%	± 0.1	± 3%	± 10mV	10%	10%	Flow Rate (ml/min.)	
		Temperature	pH	Conductivity	Oxidation Reduction Potential	Dissolved Oxygen (mg/l)	Turbidity (NTU)		
0	28.06	11.98	7.11	91.1	-99	0.0	83.3	500	1.050
5	27.97	11.89	7.34	90.4	-108	0.0	17.1	500	1.046
10	28.00	12.02	7.33	88.5	-112	0.0	12.1	500	1.046
15	28.06	12.21	7.30	86.9	-114	0.0	10.0	500	1.048
20	28.08	12.28	7.28	87.7	-116	0.0	9.49	500	1.044
25	28.15	12.24	7.27	86.9	-119	0.0	7.19	500	1.048
30	28.16	12.26	7.26	86.1	-121	0.0	5.55	500	1.048
35	28.16	12.37	7.26	85.8	-124	0.0	5.13	500	1.050
40	28.16	12.28	7.25	86.9	-125	0.0	4.35	500	1.050

Water sample: Density Measurement 1.050

Time collected: 1205 Total volume of purged water removed: _____

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

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

Samples collected:

Container Size	Container Type	# Collected	Field-Filtered	Preservative	Container pH

Notes:

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date 12/13/11 Personnel REJ Weather 40⁺ Sunny
 Site Name Wastebed 13 SCA Evacuation Method Grundfos (Rediflow) pump Well # SB915-MW- 905
 Site Location Camillus, NY Sampling Method Grundfos (Rediflow) pump Project # 1163 / 46698

COC # / Field Sample ID : SCA-0032- 01

Well information:

Depth of Well * 33.03 ft.
 Depth to Water * 23.99 ft.
 Length of Water Column 9.04 ft.

Well Dia (in)	Gallons per Ft	Linear Ft per gallon
1	0.0408	24.5
2	0.1632	6.1
4	0.6528	1.5

* Measurements taken from

<input checked="" type="checkbox"/>	Top of Well Casing
<input type="checkbox"/>	Top of Protective Casing
<input type="checkbox"/>	(Other, Specify)

Water parameters:

Elapsed Time (min)	Depth To Water (ft)	Temperature °C	pH	ms/cm Conductivity	Oxidation Reduction Potential	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)
0	23.99	13.05	6.92	7.06	-65	4.67	221	220
5	23.99	14.50	6.96	7.03	-66	3.34	74.6	260
10	24.00	14.68	6.99	6.99	-66	2.31	55.8	260
15	24.00	14.66	7.01	6.96	-67	1.57	53.5	260
20	24.00	14.74	7.02	6.93	-67	0.89	55.9	280
25	24.00	14.69	7.03	6.90	-67	0.36	65.4	280
30	24.00	14.73	7.03	6.88	-66	0.0	69.9	280
35	24.00	14.71	7.04	6.85	-66	0.0	82.8	300
40	24.00	14.78	6.97	0.				310
50	24.00	14.93	7.06	6.73	-54	0.0	116	320
55	24.00	15.00	7.05	6.70	-58	0.0	117	300
60	24.00	15.12	7.04	6.68	-60	0.0	140	320
65	24.00	15.06	7.04	6.62	-62	0.0	120	320
70	24.00	15.11	7.04	6.64	-64	0.0	151	320
75	23.99	15.15	7.04	6.61	-65	0.0	169	320
78	23.99	15.17	7.04	6.61	-66	0.0	172	320
81	23.99	15.16	7.04	6.58	-65	0.0	164	320

1100

1.004
1.004
1.006
1.006
1.006
1.006
1.006
1.006
1.006
1.006
1.006
1.006
1.006
1.006
1.006
1.006
1.006
1.006
1.006
1.006

Water sample:

Density Measurement 1.006

Time collected: 1746

Total volume of purged water removed: 9 gallons

Physical appearance at start

Physical appearance at sampling

Color cloudy

Color sl. cloudy

Odor none

Odor no

Sheen/Free Product none

Sheen/Free Product no

Samples collected:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

Notes:

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date 12/13/11 Personnel K K Weather 40 Sunny
 Site Name Wastedbed 13 SCA Evacuation Method Grundfos (Rediflow) pump Well # SB915-MW- 90I
 Site Location Camillus, NY Sampling Method Grundfos (Rediflow) pump Project # 1163 / 46698

COC # / Field Sample ID : SCA - 0032 - 02

Well information:

Depth of Well * _____ ft.
 Depth to Water * 25.39 ft.
 Length of Water Column _____ ft.

Well Dia (in)	Gallons per Ft	Linear Ft per gallon
1	0.0408	24.5
2	0.1632	6.1
4	0.6528	1.5

* Measurements taken from

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

Water parameters:

Elapsed Time	Depth To Water	± 3%	± 0.1	± 3%	± 10mV	10%	10%	Flow Rate (ml/min).
		Temperature	pH	ms/cm Conductivity	Oxidation Reduction Potential	Dissolved Oxygen (mg/l)	Turbidity (NTU)	
0	25.47	11.56	6.78	11.4	-55	0.0	239	500 1.004
5	25.50	12.37	7.14	11.4	-82	0.0	327	500 1.004
10	25.47	12.84	7.31	11.3	-93	0.0	482	500 1.003
15	25.46	12.82	7.39	11.3	-98	0.0	223	500 1.002
20	25.45	12.78	7.43	11.2	-100	0.0	104	500 1.006
25	25.45	12.84	7.47	11.1	-101	0.0	47.7	500 1.004
30	25.45	12.84	7.44	11.0	-102	0.0	30.5	500 1.004
35	25.45	12.85	7.50	11.0	-102	0.0	25.4	500 1.004

Water sample:

Density Measurement 1.004

Time collected: 1147

Total volume of purged water removed: _____

Physical appearance at start

Physical appearance at sampling

Color cloudy
 Odor yes, sulfur
 Sheen/Free Product no

Color clear
 Odor yes, sulfur
 Sheen/Free Product no

Samples collected:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

Notes:

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date 12/13/11 Personnel ASY Weather Sunny ~ 35°
Site Name Wastebed 13 SCA Evacuation Method Grundfos (Rediflow) pump Well # SB915-446-23-042
Site Location Camillus, NY Sampling Method Grundfos (Rediflow) pump Project # 1163 / 46698

COC # / Field Sample ID : SCA-0032-03

Well Information:

Depth of Well * 102.37 ft.
Depth to Water * 24.56 ft.
Length of Water Column 77.76 ft.

Table with 3 columns: Well Dia (in), Gallons per Ft, Linear Ft per gallon. Rows 1, 2, 4.

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

Water parameters: Table with columns for Elapsed Time, Depth To Water, Temperature, pH, Conductivity, Oxidation Reduction Potential, Dissolved Oxygen, Turbidity, Flow Rate.

Start 1046

1.010, 1.010, 1.010, 1.010, 1.010, 1.010

Water sample:

Density Measurement Start: 1.010 End: 1.010

Time collected: 1153

Total volume of purged water removed: 9 gallons

Physical appearance at start

Color cloudy, Odor -

Physical appearance at sampling

Color clear, Odor -

Sheen/Free Product -

Sheen/Free Product -

Samples collected:

Table with 6 columns: Container Size, Container Type, # Collected, Field Filtered, Preservative, Container pH.

Notes:

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date 12/13/11 Personnel MFC Weather Clear sunny 40s
 Site Name Wastebed 13 SCA Evacuation Method Grundfos (Rediflow) pump Well # SB915-MW- 903R
 Site Location Camillus, NY Sampling Method Grundfos (Rediflow) pump Project # 1163 / 46698

COC # / Field Sample ID : SCA-0032-04

Well information:

Depth of Well * 131.58 ft.
 Depth to Water * 26.77 ft.
 Length of Water Column 104.81 ft.

Well Dia (in)	Gallons per Ft	Linear Ft per gallon
1	0.0408	24.5
2	0.1632	6.1
4	0.6528	1.5

* Measurements taken from

<input checked="" type="checkbox"/>	Top of Well Casing
<input type="checkbox"/>	Top of Protective Casing
<input type="checkbox"/>	(Other, Specify)

Water parameters:

± 3% ± 0.1 ± 3% ± 10mV 10% 10%

Elapsed Time	Depth To Water	Temperature	pH	Conductivity	Oxidation Reduction Potential	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)
0	58.10	12.02	5.13	54.9	291	0.20	340	300
5	55.89	12.12	6.12	56.0	-25	0.0	128	400
10	55.90	11.88	6.510	57.4	-72	0.0		400
15	55.95	12.51	7.52	55.4	-194	0.0		400
20	55.10	12.50	7.55	54.8	-195	0.0	312	350
25	55.10	12.33	7.00	54.7	-180	0.0	174	400
30	54.09	12.32	7.00	54.7	-182	0.0	125 mV	350
35	53.02	12.20	7.07	54.4	-178	0.0	178	440
40	51.00	12.22	7.07	54.5	-175	0.0	37.1	350
45	51.30	12.33	7.05	54.7	-165	0.0	24.4	350
50	51.15	12.55	7.04	54.5	-163	0.0	15.7	350
55	51.00	12.52	7.04	54.2	-164	0.0	12.1	350
58	50.95	12.53	7.05	54.1	-164	0.0	14.7	350
01	50.90	12.54	7.05	54.0	-164	0.0	12.3	350

SG
1.029
1.025
1.030
1.029
1.029
1.029
1.028
1.028
1.028
1.028

Water sample:

SCA-0033-04

Density Measurement 1.029

Time collected: 1220

Total volume of purged water removed: 20 gal

Physical appearance at start

Physical appearance at sampling

Color gray

Color Clear

Odor none

Odor none

Sheen/Free Product none

Sheen/Free Product none

Samples collected:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

Notes: Purged down to approx 58 ft then started low flow @ 1055 am

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date 12/7/11 Personnel RST/REF Weather 37° Cloudy
 Site Name Wastebed 13 SCA Evacuation Method Grundfos (Rediflow) pump Well # SB915-MW-915
 Site Location Camillus, NY Sampling Method Grundfos (Rediflow) pump Project # 1163 / 46698

COC # / Field Sample ID : SCA-0028-01

Well information:

Depth of Well * 43.95 ft.
 Depth to Water * 22.53 ft.
 Length of Water Column _____ ft.

Well Dia (in)	Gallons per Ft	Linear Ft per gallon
1	0.0408	24.5
2	0.1632	6.1
4	0.6528	1.5

* Measurements taken from
 Top of Well Casing
 Top of Protective Casing
 (Other, Specify)

Water parameters: $\pm 3\%$ ± 0.1 $\pm 3\%$ $\pm 10mV$ 10% 10%

Elapsed Time	Depth To Water	Temperature °C	pH	ms/cm Conductivity	Oxidation Reduction Potential	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)
0	24.60	11.56	12.95	47.2	-255	0.0	59.5	240
5	24.78	11.84	12.94	48.0	-258	0.0	57.8	250
10	24.96	12.00	12.94	47.4	-269	0.0	57.8	200
15	24.98	11.92	12.94	47.3	-270	0.0	47.0	200
20	25.00	12.20	12.94	47.7	-270	0.0	51.6	220
25	25.15	12.32	12.94	46.7	-274	0.0	46.9	220
30	25.20	12.12	12.95	46.5	-279	0.0	42.4	220
35	25.21	12.17	12.95	46.6	-277	0.0	37.7	220
40	25.21	12.23	12.94	46.5	-281	0.0	31.4	220

Water sample: Density Measurement 1.024
 Time collected: 1230 Total volume of purged water removed: 5 gal
 Physical appearance at start: Color clear Physical appearance at sampling: Color clear
 Odor none Odor none
 Sheen/Free Product none Sheen/Free Product none

Samples collected:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

Notes:

1100

1.024

1.024

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date 12/07/11 Personnel RDH Weather ± 35° Cloudy
 Site Name Wastebed 13 SCA Evacuation Method Grundfos (Rediflow) pump Well # SB915-MW- 01 SN
 Site Location Camillus, NY Sampling Method Grundfos (Rediflow) pump Project # 1163 / 46698

COC # / Field Sample ID : SCA - 0028 - 02

Well information:

Depth of Well * 90.40 ft.
 Depth to Water * 76.62 ft.
 Length of Water Column 13.78 ft.

Well Dia (in)	Gallons per Ft	Linear Ft per gallon
1	0.0408	24.5
2	0.1632	6.1
4	0.6528	1.5

* Measurements taken from

<input checked="" type="checkbox"/>	Top of Well Casing
<input type="checkbox"/>	Top of Protective Casing
<input type="checkbox"/>	(Other, Specify)

Water parameters: ± 3% ± 0.1 ± 3% ± 10mV 10% 10%

Elapsed Time	Depth To Water (8:00)	Temperature (°C)	pH	Conductivity (ms/cm)	Oxidation Reduction Potential	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)
0	76.75	10.96	6.35	20.3	-85	0.00	58.9	400
5	76.75	11.52	6.97	16.2	-101	0.00	39.7	480
10	76.75	13.39	6.98	12.2	-102	0.00	27.8	470
15	76.75	13.79	6.96	10.4	-99	0.00	22.0	440
20	76.75	13.91	6.95	9.76	-98	0.00	20.1	470
25	76.74	14.24	6.94	9.35	-97	0.00	16.9	420
30	76.74	14.21	6.93	9.02	-97	0.00	15.3	460
35	76.76	14.16	6.92	8.83	-96	0.00	13.3	440
40	76.75	14.37	6.92	8.69	-97	0.00	12.6	440
45	76.76	14.43	6.92	8.49	-97	0.00	12.5	440
50	76.74	14.43	6.92	8.37	-98	0.00	11.3	440
55	76.74	14.43	6.92	8.22	-98	0.00	11.8	440

SpG
1.000
1.008
1.004
1.004
1.004
1.004
1.004
1.004
1.004
1.000
1.000
1.000

1055

Water sample:

Density Measurement 1.002

Time collected: 1235

Total volume of purged water removed: ~ 9 gallons

Physical appearance at start
 Color Slightly Cloudy Gray
 Odor No
 Sheen/Free Product No

Physical appearance at sampling
 Color Clear
 Odor No
 Sheen/Free Product No

Samples collected:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

Notes:

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date 12/7/11 Personnel Nww Weather ~35° overcast
 Site Name Wastebed 13 SCA Evacuation Method Grundfos (Rediflow) pump Well # SB915-MW-91D
 Site Location Camillus, NY Sampling Method Grundfos (Rediflow) pump Project # 1163 / 46698

COC # / Field Sample ID : SCA - 0028 - 04 / SCA - 0028 - 06 FD

Well information:

Depth of Well * 136.19 ft.
 Depth to Water * 75.81 ft.
 Length of Water Column _____ ft.

Well Dia (in)	Gallons per Ft	Linear Ft per gallon
1	0.0408	24.5
2	0.1632	6.1
4	0.6528	1.5

* Measurements taken from
 Top of Well Casing
 Top of Protective Casing
 (Other, Specify)

Water parameters: ± 3% ± 0.1 ± 3% ± 10mV 10% 10%

1100

3p6

Elapsed Time	Depth To Water	Temperature	pH	ms/cm Conductivity	Oxidation Reduction Potential	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)
0	76.27	11.21	8.07	7.66	-191	1.70	77.8	400
5	76.27	11.40	7.77	7.66	-121	0.00	37.0	400
10	76.27	11.97	7.40	7.67	-92	0.00	16.8	400
15	76.27	12.02	7.31	7.61	-94	0.00	11.5	400
20	76.27	12.23	7.28	7.55	-96	0.00	8.91	400
25	76.27	12.26	7.27	7.48	-90	0.00	8.14	400
30	76.27	12.40	7.24	7.44	-86	0.00	8.10	400
33	76.27	12.51	7.23	7.42	-83	0.00	8.04	400
36	76.27	12.56	7.21	7.41	-80	0.00	7.62	400
39	76.27	12.59	7.20	7.40	-79	0.00	6.47	400
54	76.27	12.68	7.15	7.36	-70	0.00	6.21	400
57	76.27	12.70	7.15	7.36	-69	0.00	6.15	400
60	76.27	12.75	7.15	7.36	-70	0.00	6.10	400

Water sample:

Density Measurement 1.004

Time collected: 1232

Total volume of purged water removed: 9 gallons

Physical appearance at start

Physical appearance at sampling

Color clear
 Odor no
 Sheen/Free Product no

Color clear
 Odor no
 Sheen/Free Product no

Samples collected:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

Notes:

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date 12/09/11 Personnel RDH Weather ± 35, Cloudy, light snow
 Site Name Wastedbed 13 SCA Evacuation Method Grundfos (Rediflow) pump Well # SB915-MW-925
 Site Location Camillus, NY Sampling Method Grundfos (Rediflow) pump Project # 1163 / 46698

COC # / Field Sample ID: SCA - 0030 - 01

Well information:

Depth of Well * 50.65 ft.
 Depth to Water * 23.84 ft.
 Length of Water Column 26.81 ft.

Well Dia (in)	Gallons per Ft	Linear Ft per gallon
1	0.0408	24.5
2	0.1632	6.1
4	0.6528	1.5

* Measurements taken from
 Top of Well Casing
 Top of Protective Casing
 (Other, Specify)

Water parameters:

± 3% **± 0.1** **± 3%** **± 10mV** **10%** **10%**

1027

Elapsed Time	Depth To Water (BTWC)	Temperature (°C)	pH	Conductivity (µs/cm)	Oxidation Reduction Potential	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	
0	26.30	10.96	12.53	32.9	-201	0.00	529	240	SpG 1.010
5	26.30	10.65	12.60	33.2	-208	0.00	350	200	1.010
10	26.73	11.00	12.59	33.1	-212	0.00	229	180	1.010
15	26.84	11.33	12.59	33.2	-212	0.00	155	160	1.014
20	26.93	11.52	12.58	33.1	-216	0.00	126	160	1.006
25	27.27	11.60	12.57	33.1	-218	0.00	110	200	1.010
30	27.52	12.14	12.56	33.0	-224	0.00	136	180	1.010
35	27.57	12.71	12.54	32.9	-227	0.00	109	180	1.010
40	27.51	12.63	12.54	32.7	-229	0.00	85.2	180	1.012
45	27.45	12.52	12.55	32.5	-234	0.00	66.3	180	1.012
50	27.42	12.56	12.55	32.3	-234	0.00	51.4	180	1.010
55	27.44	12.56	12.55	32.2	-235	0.00	47.9	180	1.012
60	27.46	12.82	12.54	32.2	-234	0.00	39.9	180	1.012
65	27.44	12.90	12.54	32.2	-241	0.00	34.1	180	1.012
70	27.41	13.05	12.53	32.3	-243	0.00	34.8	180	1.008

Water sample:

Density Measurement 1.008

Time collected: 1225

Total volume of purged water removed: ~ 5 gallons

Physical appearance at start

Color Cloudy Grey
 Odor No
 Sheen/Free Product No

Physical appearance at sampling

Color Clear
 Odor No
 Sheen/Free Product No

Samples collected:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

Notes:

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date 12/9/11 Personnel NW Weather 35 L Snow
 Site Name Wastebed 13 SCA Evacuation Method Grundfos (Rediflow) pump Well # SB915-MW- Q2
 Site Location Camillus, NY Sampling Method Grundfos (Rediflow) pump Project # 1163 / 46698

COC # / Field Sample ID : SCA-0030-02

Well information:

Depth of Well * 81.08 ft.
 Depth to Water * 75.11 ft.
 Length of Water Column 5.97 ft.

Well Dia (in)	Gallons per Ft	Linear Ft per gallon
1	0.0408	24.5
2	0.1632	6.1
4	0.6528	1.5

* Measurements taken from
 Top of Well Casing
 Top of Protective Casing
 (Other, Specify)

Water parameters: ±3% ±0.1 ±3% ±10mV 10% 10%

1025

Sp 6

Elapsed Time	Depth To Water	Temperature	pH	ms/cm Conductivity	Oxidation Reduction Potential	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)
0	75.92	11.55	12.14	33.8	-261	0.22	301	250
5	75.88	11.73	12.13	33.2	-262	0.00	274	250
10	75.85	13.70	11.78	26.1	-255	0.00	191	300
15	75.86	14.28	11.26	21.8	-243	0.00	181	300
20	75.86	14.64	10.06	18.7	-218	0.00	184	300
25	75.86	14.43	9.36	16.9	-201	0.00	157	280
30	-	(W) 13.95	-	-	-	0.00 (W)	81.9 (W)	-
35	75.44	13.94	8.51	14.1	-184	0.00	84.9	200
40	75.62	14.13	8.35	13.8	-183	0.00	68.3	250
45	75.62	14.66	8.29	13.8	-185	0.00	66.3	250
50	75.62	15.21	8.26	13.2	-187	0.00	56.9	250
55	75.51	15.13	8.21	12.6	-186	0.00	51.2	220
60	75.67	15.14	8.17	12.1	-183	0.00	36.4	300
* 65	75.52	15.37	8.13	11.7	-171	0.00	99.5	200
70	75.43	15.16	8.10	11.6	-173	0.00	98.2	200
75	75.47	15.11	8.08	11.1	-174	0.00	62.1	200
80	75.37	14.75	8.05	10.4	-168	0.00	30.3	200
83	75.38	14.69	8.03	10.5	-167	0.00	28.7	200
* 86	75.71	14.86	8.02	10.4	-154	0.00	51.2	200
89	75.22	(W) 14.86	7.99	10.4	-156	0.00	48.9	200
92	-	14.84	7.98	10.9	-159	0.00	45.9	200
* 95	-	-	-	-	-	-	-	-
100	75.47	15.86	8.00	10.9	-152	0.00	63.7	100
110	75.47	15.88	8.01	10.1	-136	0.16	73.0	200
115	SWAP	PUMP	Restart					
			See back					

Water sample:

Density Measurement 1.002

Time collected: 1330

Total volume of purged water removed: 11 gallons

Physical appearance at start

Physical appearance at sampling

Color clear

Color clear

Odor no

Odor no

Sheen/Free Product no

Sheen/Free Product no

Samples collected:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

Notes:

* Rev pump at 65 minutes, dropping flow rate w/ no response

① switch control box ~~to~~ generator to Hz

1232

Time	DTW	Temp	pH PH	Cond	ORP	DO	Turb	Reck	SpC
0	76.22	13.65	8.83	12.6	-153	0.03	912	400	1.005
5	76.27	14.76	8.80	11.4	-172	0.00	231	250	1.004
10	76.22	16.12	8.50	10.0	-173	0.00	117	400	1.004
15	76.23	16.75	8.40	9.32	-173	0.00	64.1	400	1.004
20	76.22	16.76	8.33	8.85	-171	0.00	44.4	400	1.003
23	76.22	16.68	8.30	8.66	-171	0.00	36.0	400	1.002
26	76.22	16.61	8.28	8.56	-170	0.00	28.7	400	1.002
29	76.22	16.68	8.26	8.23	-169	0.00	23.8	400	1.002
32	76.22	16.61	8.22	8.23	-167	0.00	18.6	400	1.002
35	76.22	16.52	8.26	8.19	-171	0.00	17.5	400	1.002

Sample 1330

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date 12/9/11 Personnel REJ Weather ± 35 light snow, cloudy
 Site Name Wastebed 13 SCA Evacuation Method Grundfos (Rediflow) pump Well # SB915-MW- 92 D
 Site Location Camillus, NY Sampling Method Grundfos (Rediflow) pump Project # 1163 / 46698

COC # / Field Sample ID : SCA-0030-03

Well information:

Depth of Well * 105.27 ft.
 Depth to Water * 75.25 ft.
 Length of Water Column 30.02 ft.

Well Dia (in)	Gallons per Ft	Linear Ft per gallon
1	0.0408	24.5
2	0.1632	6.1
4	0.6528	1.5

* Measurements taken from
 Top of Well Casing
 Top of Protective Casing
 (Other, Specify)

Water parameters: ± 3% ± 0.1 ± 3% ± 10mV 10% 10%

Elapsed Time (min)	Depth To Water (Ft)	Temperature (°C)	pH	Conductivity (µS/cm)	Oxidation Reduction Potential	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)
0	75.30	11.14	7.39	3.41	31.50	0.52	55.6	330
5	75.30	11.78	7.28	3.31	28	0.0	20.6	400
10	75.30	12.22	7.26	3.31	29	0.0	15.6	420
13	75.29	12.34	7.25	3.30	33	0.0	10.1	440
16	75.29	12.44	7.25	3.30	35	0.0	8.79	440
19	75.29	12.54	7.24	3.31	37	0.0	8.51	440
22	75.29	12.59	7.24	3.30	37	0.0	6.81	460
25	75.29	12.68	7.24	3.32	39	0.0	6.02	460
28	75.29	12.70	7.24	3.32	39	0.0	6.37	440
31	75.29	12.69	7.24	3.33	40	0.0	5.44	440

Water sample:

Density Measurement 1.004

Time collected: 11:27

Total volume of purged water removed: ~7 gal

Physical appearance at start

Physical appearance at sampling

Color clear

Color clear

Odor none

Odor none

Sheen/Free Product none

Sheen/Free Product none

Samples collected:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

Notes:

Date _____ Personnel _____ Weather _____
 Site Name Wastedbed 13 SCA Evacuation Method Grundfos (Rediflow) pump Well # SB915-MW-935
 Site Location Camillus, NY Sampling Method Grundfos (Rediflow) pump Project # 1163 / 46698

COC # / Field Sample ID : SCA-0038-01

Well information:

Depth of Well * _____ ft.	Well Dia (in)	Gallons per Ft	Linear Ft per gallon	* Measurements taken from <input checked="" type="checkbox"/> Top of Well Casing <input type="checkbox"/> Top of Protective Casing (Other, Specify)
Depth to Water * <u>22.65</u> ft.	1	0.0408	24.5	
Length of Water Column _____ ft.	2	0.1632	6.1	
	4	0.6528	1.5	

Water parameters: $\pm 3\%$ ± 0.1 $\pm 3\%$ $\pm 10mV$ 10% 10%

Elapsed Time	Depth To Water	Temperature	pH	ms/cm Conductivity	Oxidation Reduction Potential	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	
0	22.56	13.06	6.88	6.47	29	0.0	fair cloudy	500	1.004
5	22.58	13.21	7.09	6.52	16	0.0	"	500	1.004
10	22.58	13.53	7.17	6.48	12	0.0	791	500	1.002
15	22.58	13.79	7.21	6.44	10	0.0	538	500	1.004
20	22.58	14.20	7.23	6.38	9	0.0	488	500	1.004
25	22.58	14.63	7.23	6.32	9	0.0	459	500	1.004
30	22.58	14.86	7.24	6.28	9	0.0	440	500	1.004
35	22.58	15.07	7.26	6.30	8	0.0	344	500	1.003
40	22.58	15.22	7.26	6.28	8	0.0	273	500	1.002
45	22.58	15.31	7.27	6.25	9	0.0	261	500	1.002
50	22.58	15.28	7.26	6.25	9	0.0	272	500	1.002
55	22.58	15.14	7.28	6.28	8	0.0	253	500	1.002
60	22.58	15.11	7.28	6.29	8	0.0	245	500	1.002
65	22.58	14.94	7.32	6.28	7	0.0	282	500	1.002
70	22.58	14.79	7.33	6.35	7	0.0	191	500	1.002
75	22.58	14.62	7.33	6.37	7	0.0	268	500	1.002
80	22.58	14.44	7.32	6.38	7	0.0	244	350	1.002
85	22.58	14.29	7.33	6.44	7	0.0	201	320	1.002
90	22.58	14.22	7.33	6.52	7	0.0	134	300	1.002
95	22.58	14.19	7.33	6.52	7	0.0	129	300	1.002
100	22.58	14.17	7.33	6.53	8	0.0	126	300	1.002

Water sample: _____
 Density Measurement 1.002
 Time collected: 1228 Total volume of purged water removed: _____
 Physical appearance at start _____ Physical appearance at sampling _____
 Color very cloudy Color sl. cloudy
 Odor no Odor no
 Sheen/Free Product no Sheen/Free Product no

Samples collected:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

Notes:

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date 12/14/11 Personnel REJ Weather 45° Sunny
 Site Name Wastedbed 13 SCA Evacuation Method Grundfos (Rediflow) pump Well # SB915-MW-93I
 Site Location Camillus, NY Sampling Method Grundfos (Rediflow) pump Project # 1163 / 46698

COC # / Field Sample ID: SCA-0038-02 / SCA-0038-06 (Dup)

Well information:

Depth of Well * 51.70 ft.
 Depth to Water * 23.00 ft.
 Length of Water Column 28.70 ft.

Well Dia (in)	Gallons per Ft	Linear Ft per gallon
1	0.0408	24.5
2	0.1632	6.1
4	0.6528	1.5

* Measurements taken from

<input checked="" type="checkbox"/>	Top of Well Casing
<input type="checkbox"/>	Top of Protective Casing
<input type="checkbox"/>	(Other, Specify)

Water parameters:

± 3% ± 0.1 ± 3% ± 10mV 10% 10%

Elapsed Time (Min)	Depth To Water (ft)	Temperature (°C)	pH	mS/cm Conductivity	Oxidation Reduction Potential	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)
0	23.09	12.60	7.05	7.60	4	0.0	7999	~450
5	23.08	12.84	7.10	7.59	2	0.0	551	~400
10	23.08	12.89	7.11	7.59	4	0.0	452	~400
15	23.08	12.94	7.13	7.59	5	0.0	380	~425
20	23.08	12.84	7.13	7.60	5	0.0	324	~425
25	23.08	12.94	7.15	7.58	6	0.0	301	~425
30	23.08	12.94	7.15	7.58	6	0.0	236	~425
35	23.08	13.00	7.16	7.58	6	0.0	195	~425
40	23.08	13.01	7.16	7.57	6	0.0	185	~425
45	23.09	13.02	7.17	7.58	6	0.0	153	~425
50	23.09	12.96	7.17	7.63	7	0.0	134	~425
55	23.09	12.96	7.17	7.61	8	0.0	113	~425
60	23.08	13.03	7.18	7.61	8	0.0	106	~425
65	23.08	13.18	7.18	7.61	11	0.0	111	~425

1035

1.006
1.006
1.006
1.006
1.006
1.006
1.006
1.006
1.006
1.006
1.006
1.006
1.006
1.006

Water sample:

Density Measurement 1.006

Time collected: 1226

Total volume of purged water removed: ~13 gal

Physical appearance at start

Physical appearance at sampling

Color Brown
 Odor none
 Sheen/Free Product none

Color clear
 Odor none
 Sheen/Free Product none

Samples collected:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

Notes:

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

Date 12/14/11 Personnel mkl Weather clear sunny mid 40s
 Site Name Wastebed 13 SCA Evacuation Method Grundfos (Rediflow) pump Well # SB915-MW-~~SR~~ 9382
 Site Location Camillus, NY Sampling Method Grundfos (Rediflow) pump Project # 1163 / 46698

COC # / Field Sample ID : SCA-0038-04**Well information:**

Depth of Well * 154.84 ft.
 Depth to Water * 20.14 ft.
 Length of Water Column 128.70 ft.

mkl

Well Dia (in)	Gallons per Ft	Linear Ft per gallon
1	0.0408	24.5
2	0.1632	6.1
4	0.6528	1.5

* Measurements taken from
 Top of Well Casing
 Top of Protective Casing
 (Other, Specify)

Water parameters: ± 3% ± 0.1 ± 3% ± 10mV 10% 10%

Elapsed Time	Depth To Water	Temperature	pH	Conductivity	Oxidation Reduction Potential	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)
0	31.00	11.28	6.75	>100.0	-111	0.00	109.6	200
5	34.36	11.30	6.43	>100.0	-175	0.00	38.3	400
10	34.61	11.07	6.54	>100.0	-183	0.00	26.5	200
15	35.25	11.08	6.62	>100.0	-180	0.00	21.7	200
20	34.52	11.27	6.69	>100.0	-180	0.00	23.3	200
25	37.86	11.34	6.72	>100.00	-177	0.00	19.6	250
30	38.45	11.07	6.72	>100.00	-179	0.00	19.2	
Pumped down to approx 40ft then flow restarted								
45	101.17	12.74	6.48	>100.0	-134	0.00	51.6	350
50	101.15	12.28	6.48	>100.0	-146	0.00	44.2	300
55	101.15	12.12	6.52	>100.0	-152	0.00	50.6	300
60	103.23	12.02	6.55	>100.0	-155	0.00	116	250
65	103.29	11.94	6.59	>100.0	-158	0.00	108	200
70	103.78	12.05	6.61	>100.0	-161	0.00	40.7	300
75	104.19	12.15	6.60	>100.0	-167	0.00	45.2	250
80	mkl							

1025
1110
SG
1.078
1.082
1.082
1.081
1.081
1.081
1.075
1.075
1.078
1.075
1.075
1.075

Water sample:

Density Measurement start 1.078
end 1.075

Time collected: 1215

Total volume of purged water removed:

+ 12.5 gal

Physical appearance at start

Physical appearance at sampling

Color clearColor clearOdor noneOdor noneSheen/Free Product noneSheen/Free Product none**Samples collected:**

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

Notes:

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date 12/17/11 Personnel RDH Weather + 40°s, Sunny
 Site Name Wastebed 13 SCA Evacuation Method Grundfos (Rediflow) pump Well # SB915-MW- 945
 Site Location Camillus, NY Sampling Method Grundfos (Rediflow) pump Project # 1163 / 46698

COC # / Field Sample ID : SCA- 0231 - 05

Well information:

Depth of Well * 32.30 ft.
 Depth to Water * 27.14 ft.
 Length of Water Column 5.16 ft.

Well Dia (in)	Gallons per Ft	Linear Ft per gallon
1	0.0408	24.5
2	0.1632	6.1
4	0.6528	1.5

* Measurements taken from
 Top of Well Casing
 Top of Protective Casing
 (Other, Specify)

Water parameters: ±3% ±0.1 ±3% ±10mV 10% 10%

1107

Elapsed Time	Depth To Water (ft)	Temperature (°C)	pH	Conductivity (µS/cm)	Oxidation Reduction Potential	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Sp G
0	28.40	12.05	6.70	1.25	205	6.52	786	480	1.000
5	28.14	12.69	6.88	1.22	201	5.69	570	240	1.000
10	28.03	13.96	6.90	1.13	202	4.47	345	240	1.000
15	28.09	14.10	6.92	1.09	203	3.84	142	240	1.000
20	28.14	14.59	6.94	1.06	199	3.31	55.8	240	1.000
25	28.15	14.90	6.96	1.03	193	2.88	40.2	320	1.000
30	28.18	14.83	6.99	0.996	183	2.53	25.9	320	1.000
35	28.12	14.87	7.00	0.990	170	2.26	25.6	320	1.000
40	28.11	15.12	7.00	0.979	154	2.04	17.0	320	1.000
45	28.08	15.25	7.01	0.974	147	1.88	11.9	280	1.000
50	28.07	15.26	7.02	0.967	142	1.75	11.4	280	1.000
55	28.07	15.32	7.03	0.958	138	1.65	10.2	280	1.000
60	28.07	15.27	7.02	0.965	136	1.58	9.6	280	1.000
65	28.04	15.20	7.03	0.964	128	1.54	7.95	280	1.000

Water sample:

Density Measurement 1.004

Time collected: 1255

Total volume of purged water removed: 7 gallons

Physical appearance at start

Physical appearance at sampling

Color Cloudy light Brown

Color Clear

Odor No

Odor No

Sheen/Free Product No

Sheen/Free Product No

Samples collected:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

Notes:

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date 12/8/11 Personnel KSI Weather 30's cloudy
Site Name Wastedbed 13 SCA Evacuation Method Grundfos (Rediflow) pump Well # SB915-MW-955
Site Location Camillus, NY Sampling Method Grundfos (Rediflow) pump Project # 1163 / 46698

COC # / Field Sample ID :

Well information:

Depth of Well * 38.02 ft.
Depth to Water * 28.45 ft.
Length of Water Column 9.57 ft.

Table with 3 columns: Well Dia (in), Gallons per Ft, Linear Ft per gallon. Rows for diameters 1, 2, and 4.

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

Well volume = 1.56 x 3 = 4.685

Water parameters:

± 3% ± 0.1 ± 3% ± 10mV 10% 10%

Main data table with columns: Elapsed Time, Depth To Water, Temperature, pH, Conductivity, Oxidation Reduction Potential, Dissolved Oxygen, Turbidity, Flow Rate.

1105

Hydro 1,000

Water sample:

Density Measurement 1.000

Time collected: 1222 Total volume of purged water removed: 69 gal

Physical appearance at start: Color Cloudy, Odor NO, Sheen/Free Product NO
Physical appearance at sampling: Color Clean, Odor N, Sheen/Free Product N

Samples collected:

Table for samples collected with columns: Container Size, Container Type, # Collected, Field Filtered, Preservative, Container pH.

Notes:

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date 12/12/2011 Personnel JMN Weather Sunny Low 40's
 Site Name Wastedbed 13 SCA Evacuation Method Grundfos (Rediflow) pump Well # SB915-MW- 965
 Site Location Camillus, NY Sampling Method Grundfos (Rediflow) pump Project # 1163 / 46698

COC # / Field Sample ID : SCA-0031-06

Well information:

Depth of Well * 37.64 ft.
 Depth to Water * 28.95 ft.
 Length of Water Column 8.69 ft.

Well Dia (in)	Gallons per Ft	Linear Ft per gallon
1	0.0408	24.5
2	0.1632	6.1
4	0.6528	1.5

* Measurements taken from
 Top of Well Casing
 Top of Protective Casing
 (Other, Specify)

Water parameters:

± 3% ± 0.1 ± 3% ± 10mV 10% 10%

Elapsed Time	Depth To Water	Temperature	pH	mS/cm Conductivity	Oxidation Reduction Potential	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)
1105 - 0	28.97	13.23	7.12	0.796	99	9.02	583	200
1150 - 0	28.98	14.59	7.34	0.846	101	9.11	865	300
5	28.98	15.62	7.32	0.836	88	8.02	448	300
1215 - 0	28.98	14.90	7.33	0.861	-85	0.00	935	400
5	28.98	16.23	7.28	0.837	-89	0.00	536	400
10	28.98	16.32	7.29	0.843	-88	0.00	583	400
15	28.98	16.43	7.29	0.853	-89	0.00	629	390
20	28.98	16.56	7.29	0.873	-93	0.00	567	390
25	28.98	16.42	7.29	0.887	-95	0.00	485	400
30	28.98	16.36	7.29	0.908	-98	0.00	388	400
35	28.98	16.31	7.29	0.917	-101	0.00	327	400
40	28.98	16.30	7.29	0.927	-103	0.00	203	400
45	28.98	16.23	7.29	0.928	-104	0.00	136	400
50	28.98	16.30	7.29	0.930	-105	0.00	88	400
55	28.98	16.23	7.28	0.931	-105	0.00	59.7	400
60	28.98	16.08	7.28	0.931	-102	0.00	34.9	700
65	28.98	16.19	7.28	0.931	-101	0.00	28.2	400
70	28.98	16.14	7.29	0.931	-101	0.00	20.0	400

Water sample:

Density Measurement 1.000

Time collected: 1344

Total volume of purged water removed: 12 gal

Physical appearance at start
 Color Cloudy/Brown
 Odor None
 Sheen/Free Product None

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

Samples collected:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

Notes: Amphib Horibee at 1215

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date 12/13/11 Personnel RDI Weather ± 40's, Sunny
 Site Name Wastedbed 13 SCA Evacuation Method Grundfos (Rediflow) pump Well # SB915-MW- 975
 Site Location Camillus, NY Sampling Method Grundfos (Rediflow) pump Project # 1163 / 46698

COC # / Field Sample ID : SCA-0032-05

Well information:

Depth of Well * 36.71 ft.
 Depth to Water * 27.42 ft.
 Length of Water Column 9.29 ft.

Well Dia (in)	Gallons per Ft	Linear Ft per gallon
1	0.0408	24.5
2	0.1632	6.1
4	0.6528	1.5

* Measurements taken from
 Top of Well Casing
 Top of Protective Casing
 (Other, Specify)

Water parameters: ± 3% ± 0.1 ± 3% ± 10mV 10% 10%

1052

Elapsed Time	Depth To Water (ft)	Temperature (°C)	pH	Conductivity (mS/cm)	Oxidation Reduction Potential	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)
0	27.39	11.97	7.24	2.03	-12	0.00	542	360
5	27.39	12.20	7.49	2.00	-68	0.00	77.2	400
10	27.38	13.33	7.53	1.98	-85	0.00	39.3	400
15	27.39	13.66	7.54	1.96	-88	0.00	26.2	440
20	27.39	13.93	7.55	1.96	-89	0.00	20.1	400
25	27.39	14.22	7.55	1.97	-90	0.00	23.6	400
30	27.39	14.41	7.56	1.98	-92	0.00	27.3	400
35	27.38	14.38	7.56	2.01	-91	0.00	22.3	400

SPG
 1.000
 1.001
 1.001
 1.000
 1.000
 1.001
 1.000
 1.002

Water sample:

Density Measurement 1.002

Time collected: 1200 Total volume of purged water removed: ~ 6.5 gallons
 Physical appearance at start: Color Cloudy Gray Physical appearance at sampling: Color Clear
 Odor No Odor No
 Sheen/Free Product No Sheen/Free Product No

Samples collected:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

Notes:

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date 12/13/11 Personnel JMN Weather Sunny 40's
 Site Name Wastedbed 13 SCA Evacuation Method Grundfos (Rediflow) pump Well # SB915-MW- 985
 Site Location Camillus, NY Sampling Method Grundfos (Rediflow) pump Project # 1163 / 46698

COC # / Field Sample ID : ~~SCA-0032-06~~ SCA-0032-06 / SCA-0032-07 MS / SCA-0032-08 MS (MSD)

Well information:

Depth of Well * 25.55 ft.
 Depth to Water * 36.15 ft.
 Length of Water Column 10.60 ft.

Well Dia (in)	Gallons per Ft	Linear Ft per gallon
1	0.0408	24.5
2	0.1632	6.1
4	0.6528	1.5

* Measurements taken from
 Top of Well Casing
 Top of Protective Casing
 (Other, Specify)

Water parameters:

± 3% ± 0.1 ± 3% ± 10mV 10% 10%

1035

Elapsed Time	Depth To Water	Temperature	pH	MS/cm Conductivity	Oxidation Reduction Potential	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)
0	25.55	11.62	6.75	3.21	102	0.0	71000	500
5	25.55	13.26	6.95	3.26	43	0.0	71000	540
10	25.55	13.75	7.01	3.28	33	0.0	71000	500
15	25.55	13.81	7.04	3.30	32	0.0	71000	500
20	25.55	13.91	7.07	3.31	32	0.0	714	500
25	25.55	13.87	7.06	3.32	34	0.0	531	500
30	25.54	13.87	7.08	3.31	33	0.0	395	500
35	25.54	13.94	7.09	3.32	33	0.0	295	500
40	25.54	14.04	7.09	3.31	27	0.0	230	500
45	25.54	14.02	7.09	3.32	31	0.0	200	500
50	25.53	13.98	7.09	3.30	32	0.0	162	500
55	25.53	14.04	7.09	3.29	34	0.0	143	500
60	25.53	13.97	7.08	3.26	36	0.0	95.5	500
65	25.53	14.02	7.06	3.26	37	0.0	86.6	500
70	25.53	13.96	7.07	3.24	39	0.0	71.9	500
75	25.53	14.10	7.06	3.23	38	0.0	90.7	500
80	25.53	14.16	7.04	3.23	37	0.0	87.5	500
85	25.53	14.24	7.01	3.23	39	0.0	85.0	500
90								
95								
100								

Water sample:

Density Measurement 1.000

Time collected: 1251

Total volume of purged water removed: 15 gal

Physical appearance at start
 Color cloudy brown
 Odor None
 Sheen/Free Product None

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

Samples collected:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

Notes:

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date _____ Personnel _____ Weather _____
 Site Name Wastebed 13 SCA Evacuation Method Grundfos (Rediflow) pump Well # SB915-MW-995
 Site Location Camillus, NY Sampling Method Grundfos (Rediflow) pump Project # 1163 / 46698

COC # / Field Sample ID : SCA-0034-03

Well information:

Depth of Well * 33.89 ft.
 Depth to Water * 25.68 ft.
 Length of Water Column 8.21 ft.

Well Dia (in)	Gallons per Ft	Linear Ft per gallon
1	0.0408	24.5
2	0.1632	6.1
4	0.6528	1.5

* Measurements taken from

<input checked="" type="checkbox"/>	Top of Well Casing
<input type="checkbox"/>	Top of Protective Casing
<input type="checkbox"/>	(Other, Specify)

Water parameters:

± 3% ± 0.1 ± 3% ± 10mV 10% 10%

Elapsed Time	Depth To Water	Temperature	pH	Conductivity	Oxidation Reduction Potential	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	
0	25.70	12.96	6.70	2.71	62	0.0	too turbid	500	1.004
5	25.70	13.85	6.94	3.49	7	0.0	"	500	1.004
10	25.70	14.19	7.03	3.46	-7	0.0	857	500	1.004
15	25.70	14.24	7.09	3.85	-17	0.0	711	500	1.004
20	25.70	14.09	7.12	3.77	-22	0.0	437	500	1.004
25	25.70	13.45	7.11	4.59	-35	0.0	753	500	1.002
30	25.70	14.16	7.16	4.03	-34	0.0	395	500	1.002
35	25.70	14.41	7.16	3.99	-35	0.0	263	500	1.002
40	25.70	14.69	7.16	3.99	-35	0.0	202	500	1.002
45	25.70	14.54	7.16	3.93	-35	0.0	138	500	1.002
50	25.70	15.38	7.18	3.94	-32	0.0	356	500	1.002
1150		(CLEARED) LINE							
55	25.70	14.06	7.12	5.29	-45	0.0	too turbid	400	1.004
60	25.70	14.92	7.06	5.94	-46	0.0	"	400	1.004
65	25.70	14.81	7.04	6.37	-48	0.0	577	400	1.004
70	25.70	14.53	7.07	6.45	-52	0.0	454	500	1.004
75	25.70	14.11	7.07	6.57	-53	0.0	304	500	1.004
80	25.70	14.15	7.07	6.70	-53	0.0	206	500	1.004
85	25.70	14.14	7.08	6.77	-54	0.0	157	500	1.004
90	25.70	14.16	7.10	6.89	-55	0.0	134	500	1.004
95	25.70	14.29	7.09	6.93	-55	0.0	94.7	500	1.004
100	25.70	14.33	7.09	6.98	-55	0.0	86.3	500	1.004
105	25.70	14.34	7.09	6.97	-55	0.0	76.8	500	1.004
110	25.70	14.43	7.09	6.99	-56	0.0	63.5	500	1.004
115	25.70	14.45	7.09	7.01	-56	0.0	54.4	500	1.004
120	25.70	14.45	7.09	7.01	-56	0.0	53.8	500	1.004
125	25.70	14.48	7.10	7.01	-56	0.0	39.7	500	1.004

Water sample:

Density Measurement 1.004

Time collected: _____ Total volume of purged water removed: _____
 Physical appearance at start _____ Physical appearance at sampling _____
 Color brown Color clear
 Odor no Odor no
 Sheen/Free Product no Sheen/Free Product no

Samples collected:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

Notes:

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date 12/15/11 Personnel RDH, NV Weather ±40's, Cloudy, Rain
 Site Name Wastebed 13 SCA Evacuation Method Grundfos (Rediflow) pump Well # SB915-MW-1005
 Site Location Camillus, NY Sampling Method Grundfos (Rediflow) pump Project # 1163 / 46698

COC # / Field Sample ID: SCA-0034-02

Well information:

Depth of Well * 32.92 ft.
 Depth to Water * 23.32 ft.
 Length of Water Column 9.60 ft.

Well Dia (in)	Gallons per Ft	Linear Ft per gallon
1	0.0408	24.5
2	0.1632	6.1
4	0.6528	1.5

* Measurements taken from

<input checked="" type="checkbox"/>	Top of Well Casing
<input type="checkbox"/>	Top of Protective Casing
<input type="checkbox"/>	(Other, Specify)

Water parameters:

± 3% ± 0.1 ± 3% ± 10mV 10% 10%

Elapsed Time	Depth To Water (BTAC)	(°C) Temperature	pH	(mS/cm) Conductivity	Oxidation Reduction Potential	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)
0	23.33	13.32	6.57	11.1	-215	0.00	NA	200
5	23.35	14.30	6.90	13.4	-251	0.00	NA	200
10	23.34	15.07	7.20	15.1	-281	0.00	NA	240
15	23.37	14.81	7.38	15.6	-293	0.00	NA	300
20	23.35	14.50	7.63	16.2	-311	0.00	918	300
25	23.34	14.51	7.95	16.6	-341	0.00	547	300
30	23.33	14.64	8.31	17.0	-373	0.00	360	300
35	23.34	14.58	8.32	17.0	-372	0.00	279	300
40	23.34	14.72	8.47	17.2	-391	0.00	235	300
45	23.34	14.70	8.45	16.9	-383	0.00	228	300
50	23.34	14.90	8.53	17.2	-395	0.00	200	300
55	23.34	14.91	8.56	17.2	-398	0.00	214	300
60	23.37	15.16	8.57	17.5	-399	0.00	208	200
65	23.34	15.41	8.58	17.2	-399	0.00	183	300
70	23.35	14.98	8.52	17.1	-392	0.00	157	300
75	23.41	15.00	8.47	17.1	-385	0.00	112	200
80	23.39	15.20	8.57	17.3	-397	0.00	99.9	200
85	23.36	15.30	8.58	17.2	-398	0.00	97.7	200
90	23.37	15.15	8.50	17.0	-389	0.00	102	300

SpG
1.007
1.006
1.004
1.006
1.006
1.008
1.008
1.004
1.009
1.004
1.006
1.006
1.005
1.005
1.006
1.006
1.005
1.006
1.006
1.005

||||
**
*
*

Water sample:

Density Measurement 1.006
 Time collected: 133-1322 Total volume of purged water removed: ~11.5 gallons
 Physical appearance at start: Color Brown, Odor No, Sheen/Free Product No
 Physical appearance at sampling: Color Clear, Odor No, Sheen/Free Product No

Samples collected:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

Notes: * - indicates flow rate was manually decreased to try and maintain a constant flow rate. ** - indicates flow rate was manually increased to try and maintain a constant flow rate. *** - indicates stabilization but no constant flow rate.

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date 12/15/11 Personnel REJ/Asy Weather rain/overcast ~45°
 Site Name Wastebed 13 SCA Evacuation Method Grundfos (Rediflow) pump Well # SB915-MW-1015
 Site Location Camillus, NY Sampling Method Grundfos (Rediflow) pump Project # 1163 / 46698

COC # / Field Sample ID : SCA-0034-03

Well information:

Depth of Well * 33.99 ft.
 Depth to Water * 23.75 ft.
 Length of Water Column 10.24 ft.

Well Dia (in)	Gallons per Ft	Linear Ft per gallon
1	0.0408	24.5
2	0.1632	6.1
4	0.6528	1.5

* Measurements taken from
 Top of Well Casing
 Top of Protective Casing
 (Other, Specify)

Water parameters: ± 3% ± 0.1 ± 3% ± 10mV 10% 10%

11/16 stop
reversed purged
reversed purged

Elapsed Time	Depth To Water	Temperature	pH	µs/cm Conductivity	Oxidation Reduction Potential	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)
0	23.75	13.15/14.00	6.12	13.0	-142	0.00	477	560/340
0	23.75	13.98	7.07	13.2	-148	0.00	477	340
5	23.75	14.17	7.05	13.9	-138	0.97	410	500
10	23.75	14.57	7.05	13.8	-110	0.87	223	<100
15	23.75					0		
<i>Stopped pump - swapped equipment</i>								
0	23.75	13.68	7.16	12.5	-112	0.16	7999	600
5	23.75	14.22	7.18	13.0	-131	0.00	7999	400/660
10	23.75	14.11	7.14	13.1	-132	0.00	7999	490
15	23.75	14.48	7.10	13.2	-134	0.00	513	490
20	23.75	14.46	7.08	13.3	-136	0.00	385	490
25	23.75	14.47	7.06	13.3	-136	0.00	142	500
30	23.75	14.50	7.04	13.3	-136	0.00	123	480
35	23.75	14.48	7.04	13.4	-138	0.00	81.0	480
40	23.75	14.48	7.04	13.4	-139	0.00	77.4	460
45	23.75	14.40	7.03	13.4	740	0.00	71.9	<100
Flow died - 8 gallons purged - bail sample								

1140

1.008

1.006

1.006

1226

Water sample:

Density Measurement Start: 1.008 end: 1.006

Time collected: 1246

Total volume of purged water removed: 8 gal

Physical appearance at start

Physical appearance at sampling

Color turbid

Color turbid

Odor perbunny odor

Odor perbunny odor

Sheen/Free Product -

Sheen/Free Product -

Samples collected:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

Notes:

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date 12/14/11 Personnel RDH Weather ± 40°s, Sunny
 Site Name Wastedbed 13 SCA Evacuation Method Grundfos (Rediflow) pump Well # SB915-MW-1025
 Site Location Camillus, NY Sampling Method Grundfos (Rediflow) pump Project # 1163 / 46698

COC # / Field Sample ID : SCA-0038-05 RST

Well information:

Depth of Well *	<u>32.10</u> ft.	Well Dia (in)	<u>3.3</u>	Gallons per Ft	Linear Ft per gallon	* Measurements taken from	
Depth to Water *	<u>22.79</u> ft.	1	0.0408	24.5	X	Top of Well Casing	
Length of Water Column	<u>9.31</u> ft.	2	0.1632	6.1		Top of Protective Casing	
		4	0.6528	1.5		(Other, Specify)	

Water parameters: ±3% ±0.1 ±3% ±10mV 10% 10%

1037

Elapsed Time	Depth To Water (ft)	(°C) Temperature	pH	(mS/cm) Conductivity	Oxidation Reduction Potential	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	SpG
0	22.91	12.51	6.26	6.26	-38	0.00	NA	400	1.003
5	22.91	13.37	6.77	6.32	-80	0.00	NA	400	1.060
10	22.91	13.68	6.95	6.31	-85	0.00	NA	400	1.001
15	22.91	13.74	7.05	6.31	-86	0.00	638.0	400	1.006
20	22.91	13.65	7.11	6.31	-87	0.00	435.0	400	1.006
25	22.90	13.65	7.14	6.32	-89	0.00	365.0	400	1.006
30	22.90	13.69	7.16	6.32	-90	0.00	298.0	400	1.004
35	22.90	13.68	7.17	6.32	-90	0.00	223.0	400	1.005
40	22.79	13.70	7.19	6.32	-91	0.00	192.0	440	1.003
45	22.79	13.69	7.19	6.32	-92	0.00	131.0	400	1.001
50	22.79	13.72	7.19	6.32	-91	0.00	111.0	400	1.003
55	22.79	13.78	7.20	6.32	-91	0.00	80.1	400	1.002
60	22.79	13.88	7.20	6.32	-92	0.00	58.7	400	1.004
65	22.79	13.90	7.20	6.32	-92	0.00	45.8	400	1.004
70	22.79	13.83	7.21	6.32	-92	0.00	31.8	400	1.004
75	22.79	13.89	7.21	6.32	-92	0.00	22.0	400	1.004

Water sample: Density Measurement 1.004
 Time collected: 1221 Total volume of purged water removed: 12gal
 Physical appearance at start: Color Cloudy light Brown Physical appearance at sampling: Color clear
 Odor No Odor No
 Sheen/Free Product No Sheen/Free Product No

Samples collected:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

Notes:

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date 12/9/11 Personnel JWB Weather ~35° overcast
 Site Name Wastedbed 13 SCA Evacuation Method Grundfos (Rediflow) pump Well # SB915-MW-1035
 Site Location Camillus, NY Sampling Method Grundfos (Rediflow) pump Project # 1163 / 46698

COC # / Field Sample ID: SCA-0030-04

Well information:

Depth of Well * 81.00 ft.
 Depth to Water * 67.57 ft.
 Length of Water Column 13.43 ft.

Well Dia (in)	Gallons per Ft	Linear Ft per gallon
1	0.0408	24.5
2	0.1632	6.1
4	0.6528	1.5

* Measurements taken from

<input checked="" type="checkbox"/>	Top of Well Casing
<input type="checkbox"/>	Top of Protective Casing
<input type="checkbox"/>	(Other, Specify)

Water parameters:

± 3% ± 0.1 ± 3% ± 10mV 10% 10%

Elapsed Time	Depth To Water ft	Temperature °C	pH	MS/cm Conductivity	Oxidation Reduction Potential	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)
0	67.90	10.92	12.78	7.67	-72	0.0	151	400
5	67.90	11.18	12.85	7.33	-88	0.0	104	340
10	67.90	13.04	12.78	5.75	-91	0.62	48.7	380
15	67.90	13.77	12.65	5.26	-80	2.01	33.7	400
20	67.90	14.59	12.48	4.79	-83	1.42	51.0	360
25	67.90	14.73	12.28	4.29	-79	0.44	64.1	360
30	67.90	14.51	11.78	3.68	-66	0.00	131	360
35	67.90	14.56	11.37	3.49	-56	0.00	139	360
40	67.90	14.85	10.00	3.31	-10	0.00	79.5	380
45	67.90	15.02	9.25	3.27	96	0.00	57.3	400
50	67.90	15.08	8.92	3.27	43	0.00	42.6	400
55	67.90	15.16	8.79	3.26	50	0.00	34.9	400
60	67.90	15.25	8.60	3.26	62	0.00	25.7	400
65	67.90	15.19	8.49	3.25	67	0.00	22.3	400
70	67.90	15.12	8.32	3.25	74	0.00	20.2	400
75	67.90	15.23	8.21	3.25	77	0.00	15.6	400
78	67.90	15.26	8.13	3.25	78	0.00	13.9	400
81	67.90	15.31	8.08	3.25	78	0.00	13.0	400
84	67.90	15.35	8.07	3.25	77	0.00	12.6	400
87	67.90	15.31	8.07	3.25	77	0.00	12.7	400

1025

1.002
1.002
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1.002
1.002

Water sample:

Density Measurement 1.002

Time collected: 1205

Total volume of purged water removed: 9 gallons

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

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

Samples collected:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

Notes:

Groundwater Sampling Logs
1st Quarter 2012

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date 3/12/12 Personnel KNK Weather partly cloudy, warm
 Site Name WB13 SCA Evacuation Method 2" Groundfos Well # 58915-WB-02L
 Site Location Camillus, NY Sampling Method Low flow Project # 46698

Well information:

Depth of Well * 111.44 ft.
 Depth to Water * 28.76 ft.
 Length of Water Column 82.68 ft.

* Measurements taken from

<input checked="" type="checkbox"/>	Top of Well Casing
<input type="checkbox"/>	Top of Protective Casing
<input type="checkbox"/>	(Other, Specify)

Start Purge Time: 1213

Elapsed Time (min.)	(0.3-ft) Depth To Water (ft)	(3%) Temperature (celsius)	(0.1) pH	(3%) Conductivity (ms/cm)	(10 mV) Oxidation Reduction Potential	(10%) Dissolved Oxygen (mg/l)	(10%) Turbidity (NTU)	(100-500 ml/min) Flow Rate (ml/min)
0:0	28.80	11.33	7.17	78.9	-217	0.0	53.1	500
5	28.80	9.31	6.63	87.7	-164	0.0	145	500
10	28.80	9.95	6.43	88.3	-119	0.0	100	350
15	28.80	9.60	6.37	89.0	-101	0.0	57.8	350
20	28.80	9.73	6.35	89.5	-91	0.0	31.5	350
25	28.80	9.78	6.33	89.2	-82	0.0	19.7	380
30	28.80	10.11	6.32	89.3	-75	0.0	14.8	380
35	28.80	10.23	6.30	89.5	-69	0.0	11.4	400
40	28.80	10.32	6.30	89.8	-65	0.0	7.61	400
45	28.80	10.42	6.29	89.7	-61	0.0	5.99	400
50	28.80	10.46	6.30	89.8	-60	0.0	1.00	400

End Purge Time: 1328

Water sample:

Time collected: 1308

Density Measurement

Start 1.052

End 1.052

Total volume of purged water removed:

6 gal

Physical appearance at start

Color cloudy/gray
 Odor sulfur

Physical appearance at sampling

Color clear
 Odor none

Sheen/Free Product none

Sheen/Free Product none

Field Test Results:

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

SCA-0035-03

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date 03/12/12 Personnel RDH Weather ± 50's, Cloudy
 Site Name WB13 SCA Evacuation Method Grundfos (Redi-Flow) Pump Well # 58915-MW-875
 Site Location Camillus, NY Sampling Method Grundfos (Redi-Flow) Pump Project # 46698

Well information:

Depth of Well * 37.24 ft. * Measurements taken from
 Depth to Water * 27.89 ft. Top of Well Casing
 Length of Water Column 9.35 ft. Top of Protective Casing
SCA-0035-01 (Other, Specify)

Start Purge Time: 1218

1218
#12

Elapsed Time (min.)	(0.3-ft) Depth To Water (ft)	(3%) Temperature (celsius)	(0.1) pH	(3%) Conductivity (ms/cm)	(10 mV) Oxidation Reduction Potential	(10%) Dissolved Oxygen (mg/l)	(10%) Turbidity (NTU)	(100-500 ml/min) Flow Rate (ml/min)	SpG
0	27.54	7.90	8.18	0.926	-37	0.18	129	400	1.002
5	27.57	8.15	8.01	0.870	-2	0.00	67.8	400	1.002
10	27.55	8.42	8.05	0.861	8	0.00	54.4	400	1.000
15	27.55	8.63	8.05	0.845	26	0.00	53.1	400	1.002
20	27.54	8.67	8.01	0.830	41	0.00	52.6	400	1.002
25	27.55	8.75	7.96	0.821	51	0.00	52.7	400	1.002
30	27.55	8.76	7.93	0.813	59	0.00	52.7	400	1.002
35	27.55	8.75	7.91	0.807	64	0.00	54.0	400	1.002
40	27.55	8.67	7.94	0.798	68	0.00	55.1	400	1.002

End Purge Time: 1340

Water sample: Density Measurement Start 1.002 End 1.002
 Time collected: 1335 Total volume of purged water removed: ~ 8 gallons
 Physical appearance at start Physical appearance at sampling
 Color Slightly Cloudy Color Clear
 Odor No Odor No
 Sheen/Free Product yes Sheen/Free Product No

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

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date 3/12/12 Personnel EBR Weather Overcast 60°
 Site Name WB13 SCA Evacuation Method Low flow Well # SB915-MW-87I
 Site Location Camillus, NY Sampling Method Grundfos Project # 46698

Well information:

Depth of Well * 75.02 ft. * Measurements taken from
 Depth to Water * 27.97 ft. Top of Well Casing
 Length of Water Column 47.05 ft. Top of Protective Casing
 (Other, Specify)

Field Sample ID: SCA-0035-02

Start Purge Time: _____

Elapsed Time (min.)	(0.3-ft) Depth To Water (ft)	(3%) Temperature (celsius)	(0.1) pH	(3%) Conductivity (ms/cm)	(10 mV) Oxidation Reduction Potential	(10%) Dissolved Oxygen (mg/l)	(10%) Turbidity (NTU)	(100-500 ml/min) Flow Rate (ml/min)
0		8.85	8.13	4.27	-66	0.0	>1000	400
5	28.00	10.92	7.34	4.43	-131	0.0	>1000	440
10	28.01	10.45	7.23	4.46	-130	0.0	>1000	440
15	28.00	11.15	7.14	4.44	-117	0.0	>1000	280
20	28.00	10.72	7.11	4.45	-106	0.0	803	250
25	28.00	10.47	7.10	4.50	-97	0.0	438	300
30	28.00	10.54	7.09	4.54	-90	0.0	313	300
35	28.00	10.64	7.08	4.53	-85	0.0	230	300
40	28.00	10.70	7.08	4.54	-81	0.0	169	300
45	28.00	10.77	7.08	4.54	-77	0.0	125	320
50	28.00	10.85	7.08	4.54	-75	0.0	101	320
55	28.00	10.94	7.09	4.54	-73	0.0	74.2	320
60	28.00	10.94	7.10	4.53	-72	0.0	55.3	340
65	28.00	11.06	7.10	4.53	-72	0.0	41.2	340
70	28.00	11.05	7.11	4.56	-71	0.0	36.2	320
75	28.00	11.08	7.12	4.54	-70	0.0	27.2	320

1.002
1.002
1.002
1.002
1.002

End Purge Time: 1400

Water sample: _____ Density Measurement Start 1215 End 1330
 Time collected: 1400 Total volume of purged water removed: 7 gals.

Physical appearance at start: Color Cloudy Odor None Sheen/Free Product None
 Physical appearance at sampling: Color Clear Odor None Sheen/Free Product None

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

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date 3/12/12 Personnel _____ Weather _____
 Site Name WB13 SCA Evacuation Method Low Flow Well # SBS15-MW-878P
 Site Location Camillus, NY Sampling Method Low Flow Project # 46698

Well Information:

Depth of Well * _____ ft.
 Depth to Water * 29.60 ft. * Measurements taken from Top of Well Casing
 Length of Water Column _____ ft. Top of Protective Casing
 _____ ft. (Other, Specify)

Start Purge Time: 1210 SCA-0035-04 MS/MSD 0035-09/06

Elapsed Time (min.)	(0.3-ft) Depth To Water (ft)	(3%) Temperature (celsius)	(0.1) pH	(3%) Conductivity (ms/cm)	(10 mV) Oxidation Reduction Potential	(10%) Dissolved Oxygen (mg/l)	(10%) Turbidity (NTU)	(100-500 ml/min) Flow Rate (ml/min)
0	30.28	8.95	9.17	48.4	31	-7.70	18.9	200
5	30.34	8.99	9.84	70.9	5	0.00	above Cal.	300
10	31.00	8.19	9.86	88.1	-3	0.00	360	280
15	31.21	8.90	9.89	86.1	-13	0.00	118	200
20	30.80	8.92	9.84	86.1	-15	0.00	59.0	200
25	30.80	8.76	9.78	86.6	-14	0.00	40.5	200
30	30.80	8.93	9.69	88.0	-13	0.00	25.7	200
35	30.80	8.88	9.48	89.0	-60	0.00	18.2	200
40	30.80	8.88	9.18	91.5	-180	0.00	13.3	200
45	30.80	8.88	9.07	91.9	-199	0.00	12.7	200
50	30.80	8.91	8.91	92.7	-216	0.00	11.9	200
55	30.80	8.96	8.81	93.1	-222	0.00	10.4	200
60	30.80	9.97	8.71	93.5	-223	0.00	9.26	200
65	30.80	9.18	8.52	93.8	-218	0.00	9.00	200
70	30.80	9.28	8.47	93.7	-216	0.00	8.75	200
75	30.80	9.08	8.44	93.1	-215	0.00	6.85	200

1.040
1.040
1.040
1.044

End Purge Time: 1600

Water sample: _____ Density Measurement Start 1.028 End 1.044
 Time collected: 1555 Total volume of purged water removed: 691
 Physical appearance at start: Clear -> Cloudy w/ H₂O Physical appearance at sampling: Clear
 Color _____ Color _____
 Odor _____ Odor _____
 Sheen/Free Product _____ Sheen/Free Product _____

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

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date 3/13/12 Personnel KWK Weather overcast, mild
 Site Name WB13 SCA Evacuation Method 2" Groundfos Well # SB915-MU-88S
 Site Location Camillus, NY Sampling Method Low flow Project # 46698

Well information:

Depth of Well * 37.40 ft.
 Depth to Water * 28.28 ft.
 Length of Water Column 9.12 ft.

* Measurements taken from

<input checked="" type="checkbox"/>	Top of Well Casing
<input type="checkbox"/>	Top of Protective Casing
<input type="checkbox"/>	(Other, Specify)

Start Purge Time: 1025

Elapsed Time (min.)	(0.3-ft) Depth To Water (ft)	(3%) Temperature (celsius)	(0.1) pH	(3%) Conductivity (ms/cm)	(10 mV) Oxidation Reduction Potential	(10%) Dissolved Oxygen (mg/l)	(10%) Turbidity (NTU)	(100-500 ml/min) Flow Rate (ml/min)
0.0	28.28	12.81	6.77	2.44	20	0.0	400	400
5	28.28	14.47	7.08	2.50	-36	0.0	245	460
10	28.28	14.62	7.17	2.47	-53	0.0	133	480
15	28.28	14.70	7.20	2.45	-59	0.0	78.1	480
20	28.28	14.79	7.22	2.43	-63	0.0	45.6	480
25	28.28	14.88	7.23	2.42	-66	0.0	22.2	480
30	28.28	14.94	7.24	2.41	-67	0.0	24.0	480
35	28.28	14.99	7.25	2.40	-70	0.0	21.1	480
40	28.28	14.95	7.25	2.39	-70	0.0	17.5	480

End Purge Time: 1127

Water sample: SCA-0036-01
 Time collected: 1127

Density Measurement Start 1.002 End 1.002
 Total volume of purged water removed: _____

Physical appearance at start

Physical appearance at sampling

Color cloudy / tan
 Odor none

Color clear
 Odor none

Sheen/Free Product none

Sheen/Free Product none

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

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date 3/17/12 Personnel KSK Weather Mostly Cloudy - 60's
 Site Name WB13 SCA Evacuation Method Cy round for Well # SRC15-MW1-881
 Site Location Camillus, NY Sampling Method Ground box Project # 46698

Well information:

Depth of Well * 54.95 ft.
 Depth to Water * 28.07 ft.
 Length of Water Column 26.88 ft.

* Measurements taken from

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

Start Purge Time: 1020

Elapsed Time (min.)	(0.3-ft) Depth To Water (ft)	(3%) Temperature (celsius)	(0.1) pH	(3%) Conductivity (ms/cm)	(10.mV) Oxidation Reduction Potential	(10%) Dissolved Oxygen (mg/l)	(10%) Turbidity (NTU)	(100-500 ml/min) Flow Rate (ml/min)
0	28.07	12.73	10.59	12.4	-45	0.24	7999	300
5	28.06	12.87	6.16	15.9	-176	0.00	7999	300
10	28.06	13.14	7.73	16.1	-155	0.00	865	375
15	28.05	13.47	7.52	16.0	-149	0.00	778	375
20	28.06	13.56	7.42	15.8	-145	0.00	692	375
25	28.06	13.73	7.36	15.6	-144	0.00	697	375
30	28.06	13.88	7.32	15.5	-143	0.00	694	375
35	28.06	14.03	7.29	15.4	-142	0.00	653	375
40	28.06	14.14	7.27	15.3	-142	0.00	609	375
45	28.06	14.07	7.26	15.4	-141	0.00	675	375
50	28.06	14.23	7.24	15.3	-142	0.00	662	375
55	28.06	14.29	7.23	15.3	-143	0.00	642	375
60	28.06	14.40	7.23	15.3	-143	0.00	565	375
65	28.06	14.69	7.22	15.3	-144	0.00	585	375
70	28.06	14.83	7.22	15.3	-146	0.00	510	375
75	28.06	14.88	7.22	15.0	-147	0.00	523	375
80	28.06	14.97	7.22	15.0	-148	0.00	508	375
85	28.06	14.98	7.22	15.1	-149	0.00	529	375
90	28.06	15.36	7.22	15.1	-150	0.00	462	300
95	28.06	15.22	7.22	15.2	-151	0.00	487	325
100	28.06	15.40	7.22	15.0	-152	0.00	420	325
105	28.06	15.11	7.22	15.1	-152	0.00	445	325
110			(SEE BACK)					

End Purge Time: 1405

Water sample: _____ Density Measurement Start 1.008 End 1.004
 Time collected: 1400 Total volume of purged water removed: 23 gal
 Physical appearance at start _____ Physical appearance at sampling _____
 Color Dark Grey Color Clear
 Odor None Odor no
 Sheen/Free Product None Sheen/Free Product no

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

Ground box = 122.10 Hz

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date: 3/13/12 Personnel: MRM Weather: Cloudy 60's
 Site Name: WB13 SCA Evacuation Method: Groundfoc Well #: SB115-MW-88D
 Site Location: Camillus, NY Sampling Method: ↓ Project #: 46698

Well information:

Depth of Well * _____ ft.
 Depth to Water * 27.64 ft.
 Length of Water Column _____ ft.

* Measurements taken from

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

Start Purge Time: 1020

Elapsed Time (min.)	(0.3-ft) Depth To Water (ft)	(3%) Temperature (celsius)	(0.1) pH	(3%) Conductivity (ms/cm)	(10 mV) Oxidation Reduction Potential	(10%) Dissolved Oxygen (mg/l)	(10%) Turbidity (NTU)	(100-500 ml/min) Flow Rate (ml/min)
0	27.75	12.42	4.84	15.9	182	0.00	436	500
5	27.75	12.33	5.42	29.2	2	0.00	↑	280
10	27.75	13.34	6.02	29.3	-57	0.00	Over range	500 480
15	27.75	13.40	6.24	29.7	-88	0.00	2↓	480
20	27.75	13.65	6.40	29.7	-112	0.00	>	480
25	27.75	13.82	6.46	29.4	-122	0.00	>	450
30	27.75	13.90	6.52	29.5	-133	0.00	>	450
35	27.75	13.98	6.54	29.3	-137	0.00	949	400
40	27.75	14.01	6.57	29.3	-141	0.00	791	450
45	27.75	14.02	6.60	29.1	-145	0.00	553	450
50	27.75	14.07	6.62	29.1	-147	0.00	373	450
55	27.75	14.17	6.63	28.9	-149	0.00	291	450
60	27.75	14.14	6.65	28.8	-150	0.00	226 174	450
65	27.75	14.27	6.66	28.9	-151	0.00	139	450
70	27.75	14.18	6.67	28.9	-153	0.00	116	450
75	27.75	14.20	6.69	28.7	-153	0.00	86.8	450
80	27.75	14.18	6.70	28.5	-154	0.00	62.1	450
85	27.75	14.25	6.71	28.5	-155	0.00	55.7	450
90	27.75	14.41	6.72	28.5	-156	0.00	45.0	450
95	27.75	14.44	6.73	28.4	-156	0.00	45.7	450
100	27.75	14.53	6.73	28.3	-157	0.00	41.5	450

1.014
1.013
1.013
1.013

End Purge Time: 1230

Water sample: _____ Density Measurement Start 1.014 End 1.013
 Time collected: 1225 Total volume of purged water removed: _____

Physical appearance at start: Color cloudy brownish gray Physical appearance at sampling: Color _____
 Odor no Odor _____
 Sheen/Free Product no Sheen/Free Product _____

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

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log 1 of 2

Date 3/13/12 Personnel EBR Weather Overcast 60°
 Site Name WB13 SCA Evacuation Method Low flow Well # SB915-MW-88BR
 Site Location Camillus, NY Sampling Method Grundfos Project # 46698

Well information:

Depth of Well * 111.41 ft.
 Depth to Water * 27.30 ~~44.35~~ ft.
 Length of Water Column 84.11 ft.

* Measurements taken from

<input checked="" type="checkbox"/>	Top of Well Casing
<input type="checkbox"/>	Top of Protective Casing
<input type="checkbox"/>	(Other, Specify)

Start Purge Time: 1025

Elapsed Time (min.)	(0.3-ft) Depth To Water (ft)	(3%) Temperature (celsius)	(0.1) pH	(3%) Conductivity (ms/cm)	(10 mV) Oxidation Reduction Potential	(10%) Dissolved Oxygen (mg/l)	(10%) Turbidity (NTU)	(100-500 ml/min) Flow Rate (ml/min)
0	29.52	12.166	6.92	36.1	-108	3.27	273	200
5	29.88	12.67	7.26	42.8	-126	0.64	789	200
10	29.85	12.82	7.15	42.7	-118	0.45	1657	200
15	29.82	12.75	7.09	43.2	-114	0.39	514	200
20	29.75	12.73	7.04	45.2	-100	0.31	433	180
25	30.13	12.68	6.97	48.7	-93	0.24	905	220
30	30.29	12.97	6.90	52.4	-87	0.17	767	200
35	30.29	13.20	6.86	54.1	-83	0.14	538	200
40	30.25	13.15	6.83	54.8	-75	0.11	374	200
45	30.20	13.57	6.81	54.4	-73	0.10	311	180
50	30.166	13.34	6.80	55.1	-71	0.08	279	220
55	30.84	13.44	6.77	56.3	-66	0.07	219	220
60	30.89	13.22	6.73	57.4	-59	0.63	170	220
65	30.87	12.94	6.71	57.0	-55	0.17	129	200
70	30.84	13.65	6.69	55.9	-54	0.08	113	200
75	30.82	13.64	6.68	55.9	-53	0.05	104	200
80	30.78	13.63	6.66	56.6	-51	0.03	95.7	200
85	30.74	13.80	6.64	57.2	-49	0.01	89.2	200
90	30.70	13.86	6.63	57.3	-46	0.00	88.2	200
95	30.68	13.44	6.61	57.7	-44	0.00	73.7	200
100	30.67	13.47	6.60	57.6	-43	0.00	70.8	200
105	30.64	13.94	6.59	57.8	-41	0.00	59.0	200
110	30.59	13.95	6.59	58.0	-40	0.00	55.10	200

1.026
1.028
1.032
1.032
1.034
1.036
1.036

Start Purge Time: 10:25
 End Purge Time: 12:30

Water sample: _____ Density Measurement Start 1.028 End 1.036
 Time collected: _____ Total volume of purged water removed: 7 gals.

Physical appearance at start: Color Cloudy Physical appearance at sampling: Color Clear
 Odor None Odor None
 Sheen/Free Product None Sheen/Free Product None

Field Test Results: Dissolved ferrous iron: _____
 Dissolved total iron: _____
 Dissolved total manganese: _____
 Dissolved Oxygen: _____
 * Bumped pump 1 click @ 20 mins.
 * " " " " 45 " "

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

Date 3/13/12 Personnel EBR Weather _____
Site Name WB13 SCA Evacuation Method _____ Well # SB915-MW-88BR
Site Location Camillus, NY Sampling Method Grindfos Project # 46698

Well information:

Depth of Well * 111.41 ft.
Depth to Water * 27.30 ft.
Length of Water Column 84.11 ft.

* Measurements taken from

<input checked="" type="checkbox"/>	Top of Well Casing
<input type="checkbox"/>	Top of Protective Casing
<input type="checkbox"/>	(Other, Specify)

Start Purge Time: 1025

Elapsed Time (min.)	(0.3-ft) Depth To Water (ft)	(3%) Temperature (celsius)	(0.1) pH	(3%) Conductivity (ms/cm)	(10 mV) Oxidation Reduction Potential	(10%) Dissolved Oxygen (mg/l)	(10%) Turbidity (NTU)	(100-500 ml/min) Flow Rate (ml/min)
<u>115</u>	<u>30.55</u>	<u>-14.04</u>	<u>6.58</u>	<u>57.9</u>	<u>-39</u>	<u>0.00</u>	<u>47.1</u>	<u>200</u>
<u>120</u>	<u>30.55</u>	<u>-14.14</u>	<u>6.57</u>	<u>57.8</u>	<u>-37</u>	<u>0.00</u>	<u>47.4</u>	<u>200</u>
<u>125</u>	<u>30.55</u>	<u>14.14</u>	<u>6.57</u>	<u>57.8</u>	<u>-36</u>	<u>0.00</u>	<u>40.1</u>	<u>200</u>

1.036
1.036

End Purge Time: 1230

Water sample: _____ Density Measurement Start 1025 End 1036
Time collected: _____ Total volume of purged water removed: 7 gal
Physical appearance at start: _____ Physical appearance at sampling: _____
Color cloudy Color clear
Odor NO Odor NO
Sheen/Free Product NO Sheen/Free Product NO

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

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date 3/16/12 Personnel KJK Weather Scattered Showers 26°
 Site Name WB13 SCA Evacuation Method Gravel Well # SR15-MW-89S
 Site Location Camillus, NY Sampling Method Gravel Project # 46698

Well information:

Depth of Well * 34.35 ft. * Measurements taken from 8 pg 1/2
 Depth to Water * 27.05 ft. Top of Well Casing
 Length of Water Column 7.30 ft. Top of Protective Casing
 (Other, Specify)

Start Purge Time: 1025

Elapsed Time (min.)	(0.3-ft) Depth To Water (ft)	(3%) Temperature (celsius)	(0.1) pH	(3%) Conductivity (ms/cm)	(10 mV) Oxidation Reduction Potential	(10%) Dissolved Oxygen (mg/l)	(10%) Turbidity (NTU)	(100-500 ml/min) Flow Rate (ml/min)	
0	27.10	14.77	6.98	2.01	82	0.70	7999	450	1.004
5	27.09	15.41	7.05	2.05	42	0.41	7999	325	1.002
10	27.09	15.68	7.09	2.05	23	0.23	7999	325	1.002
15	27.09	15.49	7.11	2.05	22	0.16	7999	400	1.002
20	27.09	15.13	7.11	2.06	27	0.10	845	500	1.002
25	27.09	14.77	7.09	2.05	37	0.04	327	500	1.002
30	27.08	15.40	7.13	2.06	28	0.00	248	400	1.002
35	27.08	15.63	7.12	2.08	27	0.00	159	400	1.002
40	27.08	15.49	7.12	2.08	26	0.00	122	400	1.002
45	27.07	16.09	7.13	2.08	28	0.00	83.3	300	1.002
50	27.07	16.21	7.11	2.08	30	0.16	67.0	300	1.000
55	27.05	16.26	7.14	2.07	25	0.00	45.4	200	1.000
60	27.05	16.50	7.13	2.08	6	0.00	44.2	200	
65									
70	27.03	16.77	7.23	1.89	30	0.19	7999	200	1.004
75									
80									
85	27.04	16.35	7.20	2.04	35	0.00	7999	500	1.004
90	27.04	16.09	7.17	2.05	30	0.00	7999	500	1.004
95	27.03	15.53	7.16	2.05	22	0.00	7999	550	1.002
100	27.04	15.21	7.16	2.06	22	0.00	7999	600	1.002
105	27.04	15.15	7.15	2.06	23	0.01	775	350	1.000
110	27.04	15.21	7.13	2.06	25	0.00	411	500	1.000

1140pm

PUMP FAILED
 Sediment clogged tubing/pump - cleaned out and started again

Cont on pg 2

End Purge Time: 1326

Water sample: Density Measurement Start 1.004 End 1.000
 Time collected: 1350 Total volume of purged water removed: 24 gal
 Physical appearance at start: Color Light Brown Physical appearance at sampling: Color Clear
 Odor None Odor None
 Sheen/Free Product None Sheen/Free Product None

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

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date: 3/16/12 Personnel: KJK Weather: Scattered Showers 260°
 Site Name: WB13 SCA Evacuation Method: Groundhos Well #: SB915-MW-895
 Site Location: Camillus, NY Sampling Method: Groundhos Project #: 46698

Well information:

Depth of Well * 34.35 ft. * Measurements taken from pg 2/2
 Depth to Water * 27.05 ft. Top of Well Casing
 Length of Water Column 7.30 ft. Top of Protective Casing
 (Other, Specify)

Start Purge Time: 1025

Elapsed Time (min.)	(0.3-ft) Depth To Water (ft)	(3%) Temperature (celsius)	(0.1) pH	(3%) Conductivity (ms/cm)	(10 mV) Oxidation Reduction Potential	(10%) Dissolved Oxygen (mg/l)	(10%) Turbidity (NTU)	(100-500 ml/min) Flow Rate (ml/min)
115	27.05	15.19	7.13	2.07	27	0.00	195	500
120	27.06	15.22	7.13	2.07	30	0.00	132	500
125	27.06	15.21	7.13	2.06	37	0.00	98.3	500
130	27.06	15.20	7.14	2.06	34	0.00	79.9	500
135	27.06	15.19	7.14	2.06	35	0.00	81.3	500
140	27.06	15.18	7.13	2.07	37	0.00	67.8	500
145	27.06	15.16	7.13	2.06	37	0.00	52.2	500
150	27.06	15.16	7.13	2.06	38	0.00	55.2	500
155	27.06	15.17	7.13	2.07	38	0.00	50.6	500
160	27.06	15.17	7.12	2.07	39	0.00	51.6	500
165	27.06	15.21	7.12	2.07	40	0.00	56.5	500
170	27.06	15.20	7.12	2.07	40	0.00	43.0	500
173	27.06	15.22	7.12	2.07	40	0.00	36.6	500
176	27.06	15.24	7.12	2.07	40	0.00	39.9	500

End Purge Time: 1326

Water sample: _____ Density Measurement Start 1.004 End 1.000
 Time collected: 1350 Total volume of purged water removed: 27 gal
 Physical appearance at start: _____ Physical appearance at sampling: _____
 Color: Light Brown Color: Clear
 Odor: None Odor: None
 Sheen/Free Product: None Sheen/Free Product: None

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

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date 3/16/12 Personnel KNK Weather overcast, mild
 Site Name WB13 SCA Evacuation Method 2" Grandfos Well # SR915-MW-89T
 Site Location Camillus, NY Sampling Method _____ Project # 46698

Well information:

Depth of Well * 55.85 ft.
 Depth to Water * 27.05 ft.
 Length of Water Column 28.8 ft.

* Measurements taken from

<input checked="" type="checkbox"/>	Top of Well Casing
<input type="checkbox"/>	Top of Protective Casing
<input type="checkbox"/>	(Other, Specify)

Start Purge Time: _____

Elapsed Time (min.)	(0.3-ft) Depth To Water (ft)	(3%) Temperature (celsius)	(0.1) pH	(3%) Conductivity (ms/cm)	(10 mV) Oxidation Reduction Potential	(10%) Dissolved Oxygen (mg/l)	(10%) Turbidity (NTU)	(100-500 ml/min) Flow Rate (ml/min)
0	27.25	12.19	6.93	9.75	190	0.0	7999	380
5	27.25	12.42	6.14	9.82	161	0.0	7999	380
10	27.25	13.10	6.34	9.72	120	0.0	7999	380
15	27.30	13.41	6.44	9.69	91	0.0	7999	400
20	27.30	13.48	6.53	9.67	65	0.0	7999	400
25	27.30	13.47	6.58	9.61	50	0.0	991	400
30	27.30	13.60	6.63	9.53	38	0.0	815	420
35	27.30	13.56	6.66	9.48	30	0.0	730	400
40	27.30	13.69	6.69	9.42	23	0.0	523	400
45	27.30	13.74	6.70	9.39	20	0.0	478	400
50	27.30	13.79	6.72	9.36	17	0.0	373	400
55	27.30	13.84	6.73	9.35	15	0.0	299	400
60	27.30	13.83	6.74	9.30	14	0.0	252	400
65	27.30	13.85	6.75	9.28	13	0.0	225	400
70	27.30	13.87	6.76	9.25	12	0.0	165	400
75	27.30	13.98	6.77	9.25	11	0.0	135	400
80	27.30	14.00	6.78	9.23	11	0.0	107	400
85	27.30	14.05	6.78	9.21	10	0.0	80	400
90	27.30	14.10	6.79	9.24	10	0.0	73.4	400
95	27.30	14.12	6.79	9.21	10	0.0	53.1	400
98	27.30	14.13	6.80	9.22	11	0.0	47.6	400
102	27.30	14.16	6.80	9.22	10	0.0	44.4	400
105	27.30	14.16	6.80	9.24	10	0.0	37.3	400

End Purge Time: 1230

Water sample:

Density Measurement Start 1.004 End 1.004

Time collected: 1230

Total volume of purged water removed: _____

Physical appearance at start

Physical appearance at sampling

Color cloudy
 Odor none

Color clear
 Odor none

Sheen/Free Product none

Sheen/Free Product none

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

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date 3/16/12 Personnel EBR Weather Overcast 55°
 Site Name WB13 SCA Evacuation Method _____ Well # SB91K-M6-89D
 Site Location Camillus, NY Sampling Method Grundfos Project # 46698

Well Information:

Depth of Well * 75.43 ft. * Measurements taken from
 Depth to Water * 27.19 ft. Top of Well Casing
 Length of Water Column _____ ft. Top of Protective Casing
 _____ ft. (Other, Specify)

Start Purge Time: _____

Elapsed Time (min.)	(0.3-ft) Depth To Water (ft)	(3%) Temperature (celsius)	(0.1) pH	(3%) Conductivity (ms/cm)	(10 mV) Oxidation Reduction Potential	(10%) Dissolved Oxygen (mg/l)	(10%) Turbidity (NTU)	(100-500 ml/min) Flow Rate (ml/min)	
0	27.19	12.47	7.51	13.3	-52	0.72	21000	520	1.012
5	27.23	12.67	6.98	15.4	-44	0.00	21000	520	
10	27.20	12.98	6.78	15.7	-38	0.00	21000	400	1.011
15	27.20	13.08	6.69	15.4	-34	0.00	21000	420	1.010
20	27.20	13.30	6.65	16.1	-31	0.00	21000	450	1.010
25	27.20	13.38	6.63	16.3	-29	0.00	21000	450	1.011
30	27.20	13.43	6.63	16.3	-29	0.00	21000	380	1.010
35	27.20	13.35	6.63	16.2	-27	0.00	21000	380	1.010
40	27.19	13.44	6.63	16.3	-26	0.00	733	360	1.010
45	27.19	13.48	6.63	16.4	-25	0.00	549	360	1.010
50	27.19	13.56	6.63	16.4	-24	0.00	359	340	1.010
55	27.19	13.63	6.63	16.4	-23	0.00	258	300	1.010
60	27.19	13.65	6.63	16.3	-21	0.00	198	300	1.010
65	27.19	13.66	6.64	16.2	-21	0.00	141	280	1.010
70	27.19	13.68	6.64	16.3	-20	0.00	114	330	1.010
75	27.19	13.74	6.64	16.3	-19	0.00	86.3	320	1.010
80	27.19	13.90	6.63	16.3	-19	0.00	66.5	320	1.010
85	27.19	13.94	6.63	16.3	-18	0.00	59.6	330	1.010
90	27.19	14.02	6.63	16.3	-18	0.00	45.2	330	1.010
95	27.19	14.07	6.64	16.3	-18	0.00	41.7	330	1.010
100	27.19	14.07	6.64	16.2	-19	0.00	34.6	320	1.010

Start 10:14
 End Purge Time: 11:55

Water sample: _____ Density Measurement Start 1.012 End 1.010
 Time collected: 1215 Total volume of purged water removed: 11 gals.
 Physical appearance at start _____ Physical appearance at sampling _____
 Color Cloudy to Brown Color Clear
 Odor None Odor None
 Sheen/Free Product None Sheen/Free Product None

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

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date 03/16/12 Personnel RDH / JWB Weather ± 50's, Cloudy
 Site Name WB13 SCA Evacuation Method Groundfos (Redi-flow) Pump Well # 5B915 MW-89BR
 Site Location Camillus, NY Sampling Method Groundfos (Redi-flow) Pump Project # 46698

Well information:

Depth of Well * _____ ft. * Measurements taken from _____
 Depth to Water * 26.97 ft. Top of Well Casing
 Length of Water Column _____ ft. _____ Top of Protective Casing
 _____ (Other, Specify)

Start Purge Time: 1014

Elapsed Time (min.)	(0.3-ft) Depth To Water (ft)	(3%) Temperature (celsius)	(0.1) pH	(3%) Conductivity (ms/cm)	(10 mV) Oxidation Reduction Potential	(10%) Dissolved Oxygen (mg/l)	(10%) Turbidity (NTU)	(100-500 ml/min) Flow Rate (ml/min)
0	27.35	12.20	5.72	19.1	227	1.48	23.8	160
5	27.24	11.98	6.57	25.9	137	0.00	15.1	160
10	27.34	11.77	6.48	50.7	-36	0.00	397	200
15	27.34	11.81	6.72	93.8	-67	0.00	186	100
20	27.34	11.87	6.90	83.6	-81	0.00	122	200
25	27.30	11.92	6.99	83.0	-93	0.00	98.5	200
30	27.30	11.95	7.05	82.8	-103	0.00	65.9	200
35	27.22	12.02	7.10	82.5	-108	0.00	41.8	180
40	27.30	12.07	7.13	82.2	-114	0.00	27.2	200
45	27.30	12.15	7.16	81.9	-116	0.00	21.2	200
50	27.20	12.39	7.16	81.3	-118	0.00	16.1	180
55	27.28	12.38	7.18	81.2	-120	0.00	10.9	180
60	27.28	12.38	7.18	80.9	-121	0.00	9.74	180

SFC
1.010
1.030
1.046
1.046
1.046
1.046
1.046
1.046
1.046
1.046
1.046
1.046

End Purge Time: 1142 SCA-0039-04

Water sample: _____ Density Measurement Start 1.010 End 1.046
 Time collected: 1140 Total volume of purged water removed: ~3.0 gallons
 Physical appearance at start _____ Physical appearance at sampling _____
 Color Clear Color Clear
 Odor No Odor NO
 Sheen/Free Product No Sheen/Free Product NO

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

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date 3/19/12 Personnel KNK Weather sunny, warm
 Site Name WB13 SCA Evacuation Method 2" Grundfos Well # SB915-MW-90S
 Site Location Camillus, NY Sampling Method _____ Project # 46698

Well information:

Depth of Well * 33.03 ft. * Measurements taken from _____
 Depth to Water * 23.65 ft. Top of Well Casing
 Length of Water Column 9.38 ft. _____ Top of Protective Casing
 (Other, Specify) _____

Start Purge Time: 1040

Elapsed Time (min.)	(0.3-ft) Depth To Water (ft)	(3%) Temperature (celsius)	(0.1) pH	(3%) Conductivity (ms/cm)	(10 mV) Oxidation Reduction Potential	(10%) Dissolved Oxygen (mg/l)	(10%) Turbidity (NTU)	(100-500 ml/min) Flow Rate (ml/min)
0	23.65	15.14	6.89	6.89	-25	0.0	>999	400
5	23.65	14.62	7.12	6.97	-63	0.0	132	320
10	23.65	15.08	7.19	6.87	-74	0.0	58.3	300
15	23.65	15.60	7.23	6.89	-82	0.0	10.8	300
20	23.65	15.79	7.25	6.89	-86	0.0	17.8	320
25	23.65	16.39	7.26	6.81	-89	0.0	16.7	320
30	23.65	17.15	7.28	6.66	-91	0.0	19.5	320
35	23.65	17.25	7.28	6.65	-93	0.0	22.5	300
40	23.65	17.78	7.29	6.62	-94	0.0	23.8	300
45	23.65	17.10	7.30	6.63	-94	0.0	15.8	320
50	23.65	17.48	7.30	6.57	-94	0.0	18.1	300
55	23.65	17.90	7.30	6.39	-94	0.0	15.8	300
60	23.65	18.04	7.30	6.32	-93	0.0	17.2	300
65	23.65	17.87	7.30	6.28	-92	0.0	14.9	320
70	23.65	17.39	7.30	6.31	-91	0.0	13.8	350
75	23.65	17.39	7.30	6.29	-91	0.0	14.2	320
80	23.65	17.37	7.29	6.29	-90	0.0	13.2	320
85	23.65	17.59	7.30	6.24	-90	0.0	12.8	320
90	23.65	17.76	7.30	6.21	-90	0.0	13.1	320
95	23.65	17.52	7.30	6.23	-89	0.0	11.8	320
100	23.65	17.87	7.29	6.16	-88	0.0	11.1	320
105	23.65	17.71	7.29	6.18	-88	0.0	12.7	320

End Purge Time: 1255 SCA-0040-01

Water sample: _____ Density Measurement Start 1.004 End 1.004
 Time collected: 1255 Total volume of purged water removed: _____

Physical appearance at start: Color cloudy Odor none Sheen/Free Product none
 Physical appearance at sampling: Color sl. cloudy Odor none Sheen/Free Product none

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

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date 3/19/12 Personnel KJK Weather Sunny ~75°
 Site Name WB13 SCA Evacuation Method Ground Sols Well # SB915-MW-90E
 Site Location Camillus, NY Sampling Method Ground Sols Project # 46698

Well information:

Depth of Well * _____ ft. * Measurements taken from SCA-0040-02
 Depth to Water * 25.07 ft. Top of Well Casing
 Length of Water Column _____ ft. Top of Protective Casing
 _____ (Other, Specify)

Start Purge Time: 1040

Elapsed Time (min.)	(0.3-ft) Depth To Water (ft)	(3%) Temperature (celsius)	(0.1) pH	(3%) Conductivity (ms/cm)	(10 mV) Oxidation Reduction Potential	(10%) Dissolved Oxygen (mg/l)	(10%) Turbidity (NTU)	(100-500 ml/min) Flow Rate (ml/min)
0	25.15	13.13	5.75	11.6	187	0.00	526	400
5	25.15	13.55	6.16	12.2	122	0.00	Meter Error	440
10	25.15	13.72	6.32	12.3	79	0.00	2999	520
15	25.15	13.89	6.50	12.3	52	0.00	647	400
20	25.15	13.97	6.60	12.2	28	0.00	297	400
25	25.15	13.95	6.67	12.0	12	0.00	140	400
30	25.15	13.98	6.72	12.0	-1	0.00	85	440
35	25.15	13.97	6.77	11.9	-14	0.00	45.1	440
40	25.15	13.85	6.80	11.8	-22	0.00	32.1	440
45	25.15	13.98	6.82	11.7	-29	0.00	26.7	440
50	25.15	14.07	6.85	11.6	-38	0.00	22.2	440
55	25.15	14.26	6.87	11.6	-45	0.00	23.3	440
60	25.15	14.10	6.88	11.5	-50	0.00	22.0	440
65	25.15	13.95	6.90	11.5	-55	0.00	17.7	440

End Purge Time: 1145

Water sample: _____ Density Measurement Start 1.004 End 1.004
 Time collected: 1210 Total volume of purged water removed: 8 gal
 Physical appearance at start _____ Physical appearance at sampling _____
 Color Cloudy Color Clear
 Odor Yes - Sulfur Odor None
 Sheen/Free Product None Sheen/Free Product None

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

no new Turbidity meter

Ground Sols = 112.50 Hz

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date 3/19/12 Personnel EBR Weather Sunny 65°
 Site Name WB13 SCA Evacuation Method _____ Well # SB915-WB-4L
 Site Location Camillus, NY Sampling Method Grundfos Project # 46698/1163

Well information:

Depth of Well * 102.32 ft.
 Depth to Water * 23.97 ft.
 Length of Water Column _____ ft.

* Measurements taken from

<input checked="" type="checkbox"/>	Top of Well Casing
<input type="checkbox"/>	Top of Protective Casing
<input type="checkbox"/>	(Other, Specify)

Start Purge Time: _____

Elapsed Time (min.)	(0.3-ft) Depth To Water (ft)	(3%) Temperature (celsius)	(0.1) pH	(3%) Conductivity (ms/cm)	(10 mV) Oxidation Reduction Potential	(10%) Dissolved Oxygen (mg/l)	(10%) Turbidity (NTU)	(100-500 ml/min) Flow Rate (ml/min)
0	23.95	13.45	7.70	17.2	-134	6.86	30.9	360
5	23.96	12.98	7.74	19.4	-145	4.12	28.4	440
10	23.96	13.35	7.52	19.4	-145	2.57	18.0	480
15	23.96	13.68	7.45	19.4	-144	2.08	8.11	480
20	23.96	13.83	7.42	19.5	-152	1.46	16.7	480
25	23.96	13.94	7.39	19.5	-150	2.20	27.8	480
30	23.96	14.00	7.27	20.7	-128	2.19	45.7	490
35	23.96	14.18	7.17	20.9	-123	2.05	28.4	500
40	23.96	14.33	7.12	21.1	-122	1.59	16.3	430
45	23.96	14.37	7.09	21.1	-122	1.37	12.9	430
50	23.96	14.41	7.08	21.2	-122	1.27	18.6	430

1.010
1.010
1.010
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1.010
1.010
1.010
1.010
1.010
1.010
1.010
1.010

Start Purge Time: 1040
 End Purge Time: 1130

SCA-0040-03

Water sample: _____
 Time collected: 1200
 Physical appearance at start: _____
 Color: Clear
 Odor: None
 Sheen/Free Product: None

Density Measurement: Start 1.010 End _____
 Total volume of purged water removed: 7 gals
 Physical appearance at sampling: _____
 Color: Clear
 Odor: None
 Sheen/Free Product: None

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

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date 3/19/12 Personnel JWR Weather -70°F Sunny
 Site Name WB13 SCA Evacuation Method Groutless Low Flow Well # SB915-MW-90 BR
 Site Location Camillus, NY Sampling Method Low Flow Project # 46698

Well information:

Depth of Well * 131.58 ft.
 Depth to Water * 26.68 ft.
 Length of Water Column _____ ft.

* Measurements taken from

<input checked="" type="checkbox"/>	Top of Well Casing
<input type="checkbox"/>	Top of Protective Casing
<input type="checkbox"/>	(Other, Specify)

Start Purge Time: 1040

Elapsed Time (min.)	(0.3-ft) Depth To Water (ft)	(3%) Temperature (celsius)	(0.1) pH	(3%) Conductivity (ms/cm)	(10 mV) Oxidation Reduction Potential	(10%) Dissolved Oxygen (mg/l)	(10%) Turbidity (NTU)	(100-500 ml/min) Flow Rate (ml/min)	Density
0	39.25	-13.03	6.89	56.9	-55	0.00	149	440	1.034
5	39.05	-12.78	6.95	56.6	-57	0.00	166	440	1.032
10	39.13	-12.89	7.04	57.7	-59	0.00	630	420	1.032
15	39.24	-13.04	7.16	58.2	-68	0.00	7100	440	1.032
20	39.14	-13.21	7.34	54.9	-73	0.00	117	430	1.030
25	39.20	-13.20	7.47	53.8	-110	0.00	74.5	420	1.030
30	39.16	-13.29	7.60	53.0	-132	0.00	47.1	420	1.030
35	39.16	-13.34	7.68	52.2	-146	0.00	32.0	410	1.028
40	39.13	-13.44	7.69	52.0	-147	0.00	29.3	410	1.028
45	39.10	-13.60	7.69	51.5	-149	0.00	22.3	410	1.028
50	39.12	-13.59	7.69	51.5	-149	0.00	22.8	410	1.028
55	39.12	-13.62	7.69	51.6	-148	0.00	19.0	410	1.028

End Purge Time: 1156 SCA-0040-04

Water sample: Density Measurement Start 1.034 End 1.028
 Time collected: 1155 Total volume of purged water removed: ~8 gal
 Physical appearance at start: Color V. light brown Physical appearance at sampling: Color clear
 Odor NO Odor NO
 Sheen/Free Product NO Sheen/Free Product NO

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

* 1040 Purged DTW down to 240' ^{STC} & started low flow @ 1045

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date 3/21/12 Personnel EBR Weather Sunny 70°
 Site Name WB13 SCA Evacuation Method _____ Well # 5B915-MW-91S
 Site Location Camillus, NY Sampling Method Grundfos Project # 46698

Well information:

Depth of Well * 43.95 ft.
 Depth to Water * 22.11 ft.
 Length of Water Column _____ ft.

* Measurements taken from

<input checked="" type="checkbox"/>	Top of Well Casing
<input type="checkbox"/>	Top of Protective Casing
<input type="checkbox"/>	(Other, Specify)

Start Purge Time: _____

Elapsed Time (min.)	(0.3-ft) Depth To Water (ft)	(3%) Temperature (celsius)	(0.1) pH	(3%) Conductivity (ms/cm)	(10 mV) Oxidation Reduction Potential	(10%) Dissolved Oxygen (mg/l)	(10%) Turbidity (NTU)	(100-500 ml/min) Flow Rate (ml/min)
0	21.94	14.16	12.40	34.7	-224	3.41	413	200
5	23.95	14.34	12.76	38.7	-252	0.81	232	100
10	24.07	14.72	12.91	35.7	-266	0.16	235	200
15	24.31	15.32	12.94	30.9	-271	0.00	152	200
20	24.34	15.70	12.95	30.9	-276	0.00	128	160
25	24.41	16.00	12.97	31.0	-275	0.00	113	210
30	24.53	16.25	12.96	30.5	-284	0.00	90.2	200
35	24.54	16.60	12.97	31.2	-282	0.00	75.8	180
40	24.54	16.76	12.97	30.8	-280	0.00	74.6	210
45	24.73	16.88	12.96	30.4	-283	0.00	68.8	210
50	24.73	17.04	12.95	30.5	-284	0.00	67.4	200
55	24.74	17.13	12.95	30.4	-285	0.00	56.1	210
60	24.74	17.19	12.94	30.4	-287	0.00	45.5	200
65	24.74	17.26	12.89	30.6	-289	0.00	36.3	200
70	24.73	17.42	12.90	30.2	-292	0.00	28.9	200
75	24.68	17.44	12.90	30.1	-295	0.00	21.1	200

Start Purge Time: 10:20 End Purge Time: 11:35 EBR SCA-0042-01

Water sample: _____ Density Measurement Start 1.022 End 1.020
 Time collected: 1215 Total volume of purged water removed: 5 gals.
 Physical appearance at start _____ Physical appearance at sampling _____
 Color Milky Color Clear
 Odor None Odor None
 Sheen/Free Product None Sheen/Free Product None

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

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date 03/21/12 Personnel RDH Weather ± 70's, Sunny
 Site Name WB13 SCA Evacuation Method Grundfos (Rediflow) Pump Well # SB915 - MW - 91 SW
 Site Location Camillus, NY Sampling Method Grundfos (Rediflow) Pump Project # 46698

Well information:

Depth of Well * 90.40 ft. * Measurements taken from
 Depth to Water * 76.15 ft. Top of Well Casing
 Length of Water Column 14.25 ft. Top of Protective Casing
 (Other, Specify) SCA - 0042 - 02

Start Purge Time: 1024

Elapsed Time (min.)	(0.3-ft) Depth To Water (ft)	(3%) Temperature (celsius)	(0.1) pH	(3%) Conductivity (ms/cm)	(10 mV) Oxidation Reduction Potential	(10%) Dissolved Oxygen (mg/l)	(10%) Turbidity (NTU)	(100-500 ml/min) Flow Rate (ml/min)
0	76.40	13.38	6.71	33.0	-113	0.00	175	460
5	76.40	13.53	7.43	32.1	-211	0.00	132	500
10	76.39	15.47	7.30	25.0	-224	0.00	63.1	400
15	76.38	16.17	7.15	19.4	-210	0.00	50.5	400
20	76.39	16.73	7.04	16.6	-200	0.00	34.7	470
25	76.38	17.00	6.95	14.6	-190	0.00	29.7	460
30	76.38	16.97	6.91	13.7	-194	0.00	26.0	480
35	76.38	17.28	6.86	12.9	-178	0.00	19.6	500
40	76.38	17.15	6.82	12.3	-171	0.00	22.0	480
45	76.39	17.29	6.80	11.7	-166	0.00	21.1	500
50	76.38	17.35	6.78	11.4	-160	0.00	24.0	480
55	76.35	17.38	6.76	10.7	-155	0.00	24.8	400
60	76.39	17.47	6.74	10.3	-150	0.00	20.6	480
65	76.39	17.50	6.73	9.97	-146	0.00	22.1	420
70	76.38	17.54	6.71	9.83	-141	0.00	20.1	405
75	76.36	17.38	6.72	9.49	-138	0.00	20.2	500
80	76.36	17.49	6.73	9.24	-136	0.00	20.2	450
85	76.35	17.59	6.70	9.16	-132	0.00	18.3	440
90	76.33	17.83	6.70	9.10	-129	0.00	16.2	450

Sp G
1.014
1.010
1.007
1.006
1.006
1.006
1.004
1.004
1.004
1.004
1.004

End Purge Time: 1231

Water sample: Density Measurement Start 1.014 End 1.004
 Time collected: 1230 Total volume of purged water removed: ~16 gallons
 Physical appearance at start: Color Slightly Cloudy Gray Physical appearance at sampling: Color Clear
 Odor No Odor No
 Sheen/Free Product No Sheen/Free Product No

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

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

Date: 3/21/12 Personnel: KNK Weather: Sunny, warm
 Site Name: WB13 SCA Evacuation Method: 2" GroundFors Well #: SB915-MW-91I
 Site Location: Camillus, NY Sampling Method: _____ Project #: 46698

Well information:

Depth of Well * 127.88 ft.
 Depth to Water * 75.76 ft.
 Length of Water Column 52.12 ft.

* Measurements taken from

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

Start Purge Time: 1030

Elapsed Time (min.)	(0.3-ft) Depth To Water (ft)	(3%) Temperature (celsius)	(0.1) pH	(3%) Conductivity (ms/cm)	(10 mV) Oxidation Reduction Potential	(10%) Dissolved Oxygen (mg/l)	(10%) Turbidity (NTU)	(100-500 ml/min) Flow Rate (ml/min)
0	75.80	14.27	7.00	7.18	-109	0.0	7999	500
5	75.79	14.74	7.03	7.26	-96	0.0	7999	500
10	75.79	15.02	7.03	7.24	-91	0.0	497	500
15	75.79	15.24	7.04	7.24	-89	0.0	312	500
20	75.79	15.41	7.04	7.21	-87	0.0	177	500
25	75.79	15.47	7.04	7.20	-85	0.0	152	500
30	75.79	15.58	7.05	7.19	-85	0.0	93.5	500
35	75.79	15.67	7.05	7.19	-84	0.0	79.8	500
40	75.79	15.81	7.05	7.18	-83	0.0	61	500
45	75.79	15.80	7.04	7.20	-82	0.0	46.6	500
50	75.79	15.95	7.05	7.18	-82	0.0	34.7	500

End Purge Time: 1205

Water sample: SCA-0042-03204

Density Measurement Start 1.004 End 1.004

Time collected: 1205

Total volume of purged water removed: _____

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

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

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

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date 3/21/12 Personnel KJK Weather Sunny high 70s
 Site Name WB13 SCA Evacuation Method Groundhos Well # SB915-MW-910
 Site Location Camillus, NY Sampling Method Groundhos Project # 46698

Well information:

Depth of Well * 138.19 ft. * Measurements taken from SCA-0042-05
 Depth to Water * 75.56 ft. Top of Well Casing
 Length of Water Column _____ ft. _____ Top of Protective Casing
 (Other, Specify) pg 1/2

Start Purge Time: 1030

Elapsed Time (min.)	(0.3-ft) Depth To Water (ft)	(3%) Temperature (celsius)	(0.1) pH	(3%) Conductivity (ms/cm)	(10 mV) Oxidation Reduction Potential	(10%) Dissolved Oxygen (mg/l)	(10%) Turbidity (NTU)	(100-500 ml/min) Flow Rate (ml/min)
0	75.93	12.84	7.13	8.54	-2	3.46	192	300
5	75.90	13.03	7.66	8.67	-105	1.81	190	250
10	75.88	13.00	7.65	8.68	-114	0.76	339*	300
15	75.91	13.14	7.65	8.68	-114	0.49	542*	300
20	75.91	13.38	7.57	8.64	-107	0.28	480	300
25	75.94	13.53	7.50	8.64	-102	0.18	465	300
30	75.93	13.84	7.43	8.59	-96	0.06	352	300
35	75.93	13.97	7.37	8.58	-91	0.00	306	300
40	75.95	14.09	7.34	8.56	-90	0.00	297	300
45	75.93	14.22	7.29	8.54	-86	0.00	273	300
50	75.92	14.34	7.25	8.52	-84	0.00	232	300
55	75.80	14.67	7.20	8.50	-80	0.00	220	250
60	75.78	14.77	7.19	8.53	-80	0.00	199	200
65	75.95	14.04	7.19	8.60	-80	0.00	240	350
70		Cleared hose of sediment						
75	75.75	15.26	7.16	8.44	-66	0.00	171	180
80	75.75	15.35	7.11	8.48	-53	0.50	144	170
85	75.77	14.80	7.10	8.53	-57	0.49	190	240
90	75.80	14.24	7.10	8.58	-53	0.32	221	260
95	75.90	14.05	7.13	8.59	-57	0.16	211	300
100	75.88	14.46	7.12	8.54	-59	0.05	181	340
105	75.91	14.81	7.10	8.56	-58	0.00	141	320
110	75.92	14.81	7.07	8.58	-57	0.00	126	350

End Purge Time: 1340

Water sample: _____ Density Measurement Start 1.004 End 1.002
 Time collected: 1357 Total volume of purged water removed: 20 gal
 Physical appearance at start _____ Physical appearance at sampling _____
 Color Clear Color Clear
 Odor None Odor None
 Sheen/Free Product None Sheen/Free Product None

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

* Heavy Equipment moving past well

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date 3/21/12 Personnel KJK Weather Sunny High 70's
 Site Name WB13 SCA Evacuation Method Groundbox Well # SB915-MW-911
 Site Location Camillus, NY Sampling Method Groundbox Project # 46698

Well information:

Depth of Well * 136.19 ft.
 Depth to Water * 75.56 ft.
 Length of Water Column 60.63 ft.

* Measurements taken from

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

SCA-0042-05

pg 2/2

Start Purge Time: 1030

Elapsed Time (min.)	(0.3-ft) Depth To Water (ft)	(3%) Temperature (celsius)	(0.1) pH	(3%) Conductivity (ms/cm)	(10 mV) Oxidation Reduction Potential	(10%) Dissolved Oxygen (mg/l)	(10%) Turbidity (NTU)	(100-500 ml/min) Flow Rate (ml/min)	
115	75.93	14.91	7.06	8.58	-57	0.00	110	380	1.002
120	75.98	14.98	7.04	8.58	-58	0.00	97.0	440	1.002
125	75.96	15.19	7.03	8.58	-58	0.00	83.5	400	1.002
130	75.98	15.10	7.02	8.60	-58	0.00	79.1	400	1.002
135	76.00	15.04	7.01	8.61	-58	0.00	82.9	400	1.002
140	76.00	15.16	7.00	8.61	-59	0.00	72.6	400	1.002
145	76.00	15.15	7.00	8.60	-59	0.00	65.7	400	1.002
150	76.00	15.14	6.99	8.64	-59	0.00	62.3	400	1.002
155	76.00	15.10	6.98	8.64	-59	0.00	62.6	400	1.002
160	76.00	15.24	6.97	8.62	-59	0.00	68.5	400	1.002
165	76.01	15.23	6.97	8.64	-60	0.00	56.0	420	1.002
170	76.01	15.21	6.97	8.64	-60	0.00	57.8	420	1.002
175	76.02	15.26	6.96	8.65	-61	0.00	53.3	420	1.002
180	76.02	15.31	6.96	8.63	-60	0.00	45.7	420	1.002
185	76.02	15.21	6.96	8.66	-61	0.00	45.1	420	1.002
190	76.02	15.18	6.96	8.66	-61	0.00	48.4	420	1.002

End Purge Time: 1340

Water sample:
 Time collected: 1357
 Physical appearance at start
 Color Clear
 Odor None
 Sheen/Free Product None

Density Measurement Start 1.004 End 1.002
 Total volume of purged water removed: 20 gal
 Physical appearance at sampling
 Color _____
 Odor _____
 Sheen/Free Product _____

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

Groundbox = 204.60 Hz

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date 3/22/12 Personnel JWR Weather ~75°F Sunny
 Site Name WB13 SCA Evacuation Method Gauntlet Well # SR915-MW-91D
 Site Location Camillus, NY Sampling Method Low flow Project # 46698

Well Information:

Depth of Well * _____ ft.
 Depth to Water * 75.60 ft. * Measurements taken from Top of Well Casing
 Length of Water Column _____ ft. Top of Protective Casing
 (Other, Specify) _____

Start Purge Time: 1035

Elapsed Time (min.)	(0.3-ft) Depth To Water (ft)	(3%) Temperature (celsius)	(0.1) pH	(3%) Conductivity (ms/cm)	(10 mV) Oxidation Reduction Potential	(10%) Dissolved Oxygen (mg/l)	(10%) Turbidity (NTU)	(100-500 ml/min) Flow Rate (ml/min)	Density
0	76.30	17.30	7.01	6.82	33	1.69	197	360	
5	76.00	15.30	7.34	7.62	-21	0.64	271	360	1.006
10	75.90	14.86	7.56	7.45	-53	0.52	116	260	1.004
15	75.85	15.23	7.45	7.35	-41	0.51	64.0	260	1.004
20	75.85	15.38	7.39	7.32	-40	0.45	41.7	260	1.004
25	75.85	15.54	7.34	7.30	-40	0.40	30.1	260	1.004
30	75.85	15.62	7.33	7.28	-41	0.35	24.2	280	1.004
35	75.93	15.45	7.33	7.26	-37	1.32	22.6	280	1.004
40	75.93	15.66	7.31	7.28	-28	0.23	16.4	280	1.004
45	75.93	16.03	7.30	7.30	-42	0.20	13.6	280	1.004
50	75.93	15.36	7.29	7.43	-40	0.20	15.0	280	1.004
55	75.93	15.23	7.28	7.45	-43	0.17	9.56	280	1.004
60	75.93	15.33	7.27	7.45	-44	0.10	8.29	280	1.004
65	75.93	15.43	7.27	7.42	-44	0.04	7.99	280	1.004
70	75.93	15.50	7.26	7.42	-45	0.00	8.10	280	1.004
73	75.93	15.61	7.26	7.41	-45	0.00	7.40	280	1.004
76	75.93	15.63	7.26	7.39	-45	0.00	7.50	280	1.004

End Purge Time: 1206 SCA-0043-06

Water sample: _____ Density Measurement Start 1.006 End 1.004
 Time collected: 1206 Total volume of purged water removed: ~7 gal
 Physical appearance at start: _____ Physical appearance at sampling: _____
 Color Light cloudy brown Color Clear
 Odor NO Odor NO
 Sheen/Free Product NO Sheen/Free Product NO

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

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date 3/12/12 Personnel JWR Weather ~65°F Sunny
Site Name WB13 SCA Evacuation Method Grandfos Pump Well # SB15-MW-91BP
Site Location Camillus, NY Sampling Method Bailers Project # 46698

Well information:

Depth of Well * 209.95 ft.
Depth to Water * 84.62 ft.
Length of Water Column 125.33 ft.
1 x well Volume: 20.4 gallons

* Measurements taken from

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

Start Purge Time: 1200

Table with columns: Elapsed Time (min.), Depth To Water (ft), Temperature (celsius), pH, Conductivity (ms/cm), Oxidation Reduction Potential, Dissolved Oxygen (mg/l), Turbidity (NTU), Flow Rate (ml/min), Density. Includes handwritten data for 0, 10, 25, 45 minutes and a note about DTW and sample collection on 3/13/12.

End Purge Time: * Purged well dry on 3/12/12 @ 1345 ~20 gallons removed

Water sample: Density Measurement Start 1.086 End
Time collected: 1200 on 3/13/12 Total volume of purged water removed:

Physical appearance at start Physical appearance at sampling
Color slight cloudy Color
Odor No Odor
Sheen/Free Product No Sheen/Free Product

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

Analytical Parameters:

Table with columns: Container Size, Container Type, # Collected, Field Filtered, Preservative, Container pH

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

Date 3/22/12 Personnel KJK Weather Sunny - high 70s
 Site Name WB13 SCA Evacuation Method Grounds Well # SB915-MW-92S
 Site Location Camillus, NY Sampling Method Grounds Project # 46698

Well Information:

Depth of Well * 50.65 ft.
 Depth to Water * 24.20 ft.
 Length of Water Column 26.45 ft.

* Measurements taken from

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

SCA-0043-01

Start Purge Time: 1020

Elapsed Time (min.)	(0.3-ft) Depth To Water (ft)	(3%) Temperature (celsius)	(0.1) pH	(3%) Conductivity (ms/cm)	(10 mV) Oxidation Reduction Potential	(10%) Dissolved Oxygen (mg/l)	(10%) Turbidity (NTU)	(100-500 ml/min) Flow Rate (ml/min)	
0	25.15	18.28	12.77	26.8	-167	0.00	238	100	1.012
5	25.50	17.20	12.94	28.0	-177	0.00	149	150	1.012
10	25.82	16.79	12.97	28.3	-185	0.00	123	200	1.012
15	26.03	17.19	12.95	28.2	-186	0.00	78	75	1.012
20	26.41	16.79	12.97	28.7	-190	0.00	69	125	1.013
25	26.72	16.65	12.98	28.6	-194	0.00	56.2	150	1.013
30	27.12	16.65	12.98	28.6	-198	0.00	49.6	150	1.013
35	27.48	16.72	12.98	28.7	-201	0.00	46.9	150	1.013
40	27.54	16.93	12.97	28.5	-204	0.00	31.7	150	1.013
45	27.64	17.12	12.97	28.3	-207	0.00	26.4	150	1.012
50	27.65	17.21	12.97	28.1	-209	0.00	24.9	150	1.012
55	27.67	17.35	12.97	28.0	-211	0.00	21.3	150	1.012

End Purge Time: 1115

Water sample: _____

Time collected: 1201

Physical appearance at start _____

Color Cloudy GreyOdor NoneSheen/Free Product NoneDensity Measurement Start 1.012 End _____Total volume of purged water removed: 2 gal

Physical appearance at sampling _____

Color ClearOdor NoneSheen/Free Product None

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

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

1 of 2

Date 3/22/12 Personnel EBR Weather Sunny 65°
 Site Name WB13 SCA Evacuation Method _____ Well # 58915-MW-92I
 Site Location Carnillus, NY Sampling Method Grundfos Project # 46698

Well Information:

Depth of Well * 81.08 ft. * Measurements taken from
 Depth to Water * 74.78 ft. Top of Well Casing
 Length of Water Column _____ ft. Top of Protective Casing
 (Other, Specify) _____

Start Purge Time: _____

Elapsed Time (min.)	(0.3-ft) Depth To Water (ft)	(3%) Temperature (celsius)	(0.1) pH	(3%) Conductivity (ms/cm)	(10 mV) Oxidation Reduction Potential	(10%) Dissolved Oxygen (mg/l)	(10%) Turbidity (NTU)	(100-500 ml/min) Flow Rate (ml/min)	
0	74.74	14.00	11.52	33.0	-270	0.13		460	1.018
5	75.46	15.74	11.64	30.0	-274	0.00	279	440	1.018
10	76.20	17.00	11.20	23.7	-257	0.00	334	400	1.012
15	76.15	17.00	9.80	17.9	-200	0.00	342	380	1.010
20	75.93	17.68	8.82	15.1	-184	0.00			
35	77.01	18.18	8.33	14.1	-157	0.00	497	420	1.008
40	76.45	18.43	8.32	14.3	-181	0.00	577	360	1.008
45	75.45	17.60	8.27						
55	75.41	16.44	8.14	11.5	-155	0.00	419	200	1.008
60	76.83	16.52	8.04	10.5	-154	0.00	314	580	1.008
65	76.83	16.43	7.97	9.45	-158	0.00	111	500	1.006
70	75.50	16.80	7.87	8.62	-154	0.00	109	490	1.004
75	75.75	17.19	7.82	8.19	-153	0.00	128	400	1.004
80	75.74	17.61	7.80	7.89	-152	0.00	124	240	1.004
85	75.39	18.05	7.74	7.70	-150	0.00	115	-	
95	75.97	18.39	7.74	8.69	-135	0.00	224	340	1.004
100	75.85	18.43	7.76	7.77	-136	0.00	118	280	1.004
105	75.42	18.88	7.70	7.54	-133	0.00	103	-	
155	76.23	22.03	7.98	10.3	-111	0.09	337	380	1.004
160	75.95	18.72	8.07	11.0	-137	0.00	281	400	1.004

Start 10:20
 End Purge Time: _____

Water sample: _____ Density Measurement Start 1.018 End 1.004
 Time collected: 1325 Total volume of purged water removed: ~11 gal
 Physical appearance at start _____ Physical appearance at sampling _____
 Color Milky Color _____
 Odor None Yes Odor _____
 Sheen/Free Product None Sheen/Free Product _____

Field Test Results: Dissolved ferrous iron: _____
 Dissolved total iron: _____
 Dissolved total manganese: _____
 Dissolved Oxygen: _____
 10:40 Stopped pumping. 2.8 gals. removed.
 10:55 Back on. 11:08 Pump won't stay on contact.
 Barely pumps then fast then stops. 4.2 gals.
 11:46 Stopped pumping
 12:05 " " 9 gals.
 12:55 Started with diff. pump.

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

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

2012

Date 3/22/12 Personnel EBR Weather Sunny 79°
 Site Name WB13 SCA Evacuation Method _____ Well # SB915-MW-92J
 Site Location Carnillus, NY Sampling Method Grundfos Project # 48698

Well Information:

Depth of Well * _____ ft.
 Depth to Water * _____ ft.
 Length of Water Column _____ ft.

* Measurements taken from
 Top of Well Casing
 Top of Protective Casing
 (Other, Specify)

Start Purge Time: _____

Elapsed Time (min.)	(0.3-ft) Depth To Water (ft)	(3%) Temperature (celsius)	(0.1) pH	(3%) Conductivity (ms/cm)	(10 mV) Oxidation Reduction Potential	(10%) Dissolved Oxygen (mg/l)	(10%) Turbidity (NTU)	(100-500 ml/min) Flow Rate (ml/min)
105		-16.57	8.00	9.61	-139	-0.00	113	420

1.004

End Purge Time: _____

Water sample: _____
 Time collected: 1325
 Physical appearance at start
 Color br Milky
 Odor yes
 Sheen/Free Product None

Density Measurement Start 1.018 End 1.004
 Total volume of purged water removed: ~11 gallons
 Physical appearance at sampling
 Color clear
 Odor yes
 Sheen/Free Product NR

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

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date 3/22/12 Personnel KNK Weather Sunny, warm
 Site Name WB13 SCA Evacuation Method 2" Grandfos Well # SR915-MW-92D
 Site Location Camillus, NY Sampling Method _____ Project # 48698

Well Information:

Depth of Well * 105.27 ft.
 Depth to Water * 75.07 ft.
 Length of Water Column 30.2 ft.
 * Measurements taken from Top of Well Casing
 Top of Protective Casing
 (Other, Specify) _____

Start Purge Time: 1020

Elapsed Time (min.)	(0.3-ft) Depth To Water (ft)	(3%) Temperature (celsius)	(0.1) pH	(3%) Conductivity (ms/cm)	(10 mV) Oxidation Reduction Potential	(10%) Dissolved Oxygen (mg/l)	(10%) Turbidity (NTU)	(100-500 ml/min) Flow Rate (ml/min)
0	75.14	12.82	6.50	3.42	54	0.44	256	440
5	75.14	12.58	6.58	3.35	27	0.0	125	500
10	75.14	14.14	6.58	3.29	15	0.0	30.4	340
15	75.14	13.83	6.62	3.29	18	0.0	24.9	400
20	75.14	14.80	6.66	3.27	12	0.0	20.1	460
25	75.14	14.73	6.68	3.27	15	0.0	10.5	400
30	75.14	14.66	6.71	3.27	17	0.0	7.9	420
35	75.14	14.81	6.73	3.26	16	0.0	5.8	420
40	75.14	14.89	6.74	3.26	17	0.0	4.2	420

End Purge Time: 1120
 Water sample: SCA-0043-03 Density Measurement Start 1002 End 1000
 Time collected: 1120 Total volume of purged water removed: _____
 Physical appearance at start Physical appearance at sampling
 Color sl. cloudy Color clear
 Odor none Odor none
 Sheen/Free Product none Sheen/Free Product none

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

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date 3/13/12 Personnel JWB / ROH Weather ~65°F cloud/sun
 Site Name WB13 SCA Evacuation Method Groutless Well # SB915-MW-92BR
 Site Location Camillus, NY Sampling Method PVC Bailer Project # 46698

Well Information:

Depth of Well * 197.89 ft. * Measurements taken from
 Depth to Water * 77.04 ft. Top of Well Casing
 Length of Water Column 120.85 ft. Top of Protective Casing
 (Other, Specify)
 1 x Well Volume = 19.70 gallons

Start Purge Time: 1018

Elapsed Time (min.)	(0.3-ft) Depth To Water (ft)	(3%) Temperature (celsius)	(0.1) pH	(3%) Conductivity (ms/cm)	(10 mV) Oxidation Reduction Potential	(10%) Dissolved Oxygen (mg/l)	(10%) Turbidity (NTU)	(100-500 ml/min) Flow Rate (ml/min)	Sp G
0	77.21	13.29	6.30	65.3	-9	0.00	33.1	1800	1.033
10	87.50	13.55	6.59	68.9	-47	0.00	58.6	1160	1.034
20	103.00	14.09	7.10	67.8	-91	0.00	15.0	1320	1.034
30	123.00	14.05	7.10	66.4	-88	0.00	11.2	1000	1.034
40	142.00	16.63	7.03	65.6	-71	0.00	14.2	2000	1.034
50	154.00	17.12	7.00	65.1	-61	0.00	22.4	1600	1.034
60	172.00	17.67	6.92	64.7	-53	0.00	28.7	1600	1.034
3/14/12	OTW 77.71 @	13.21							

End Purge Time: _____ * Purged well dry on 03/13/12 @ 1120 Removed ~ 22 gallons

Water sample: _____ Density Measurement Start 1.033 End _____
 Time collected: 1345 on 3/14/12 Total volume of purged water removed: ~ 18 gallons
 Physical appearance at start Physical appearance at sampling
 Color Clear Color clear
 Odor No Odor nc
 Sheen/Free Product No Sheen/Free Product no

Field Test Results: Dissolved ferrous iron: _____
 Dissolved total iron: _____
 Dissolved total manganese: _____
 Dissolved Oxygen: _____
 SCA-0037-05

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date 3/20/12 Personnel KJK Weather Sunny, warm
 Site Name WB13 SCA Evacuation Method 2" Groundfos Well # 58915-MW-935
 Site Location Camillus, NY Sampling Method _____ Project # 46698

Well information:

Depth of Well * _____ ft.
 Depth to Water * 22.37 ft.
 Length of Water Column _____ ft.
 * Measurements taken from
 Top of Well Casing
 Top of Protective Casing
 (Other, Specify) _____

Start Purge Time: 1020

Elapsed Time (min.)	(0.3-ft) Depth To Water (ft)	(3%) Temperature (celsius)	(0.1) pH	(3%) Conductivity (ms/cm)	(10 mV) Oxidation Reduction Potential	(10%) Dissolved Oxygen (mg/l)	(10%) Turbidity (NTU)	(100-500 ml/min) Flow Rate (ml/min)
0	22.40	12.37	6.28	7.52	109	0.86	7999	450
5	22.40	12.64	6.77	7.49	34	0.30	7999	450
10	22.40	12.89	6.89	7.45	20	0.44	602	420
15	22.40	12.97	6.95	7.42	14	0.43	344	380
20	22.40	12.96	6.97	7.42	13	0.41	140	380
25	22.40	12.98	6.99	7.40	12	0.36	131	360
30	22.40	13.05	7.01	7.40	11	0.35	114	360
35	22.40	13.10	7.03	7.40	10	0.31	88.5	360
40	22.40	13.24	7.04	7.39	10	0.26	67.4	360
45	22.40	13.26	7.05	7.38	10	0.21	53.7	360
50	22.40	13.29	7.05	7.38	10	0.16	49.7	360
55	22.40	13.32	7.06	7.37	9	0.18	50.0	360

End Purge Time: 1145 SCA-0041-01

Water sample: Density Measurement Start 1.006 End 1.004
 Time collected: 1145 Total volume of purged water removed: _____

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

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

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date 3/20/12 Personnel RJK Weather Sunny high 70's
 Site Name WB13 SCA Evacuation Method Groundf3 Well # SB915-MW-93I
 Site Location Camillus, NY Sampling Method Groundf3 Project # 46698

Well Information:

Depth of Well * 51.70 ft.
 Depth to Water * 22.76 ft.
 Length of Water Column 28.94 ft.

Field ID #: SCA-0041-02

* Measurements taken from

<input checked="" type="checkbox"/>	Top of Well Casing
<input type="checkbox"/>	Top of Protective Casing
<input type="checkbox"/>	(Other, Specify)

Start Purge Time: 1020

Elapsed Time (min.)	(0.3-ft) Depth To Water (ft)	(3%) Temperature (celsius)	(0.1) pH	(3%) Conductivity (ms/cm)	(10 mV) Oxidation Reduction Potential	(10%) Dissolved Oxygen (mg/l)	(10%) Turbidity (NTU)	(100-500 ml/min) Flow Rate (ml/min)	
0	22.82	15.40	6.33	6.74	113	0.00	7999	300	1.002
5	22.82	16.40	6.79	6.52	19	0.00	7999	350	1.004
10	22.82	16.34	6.91	6.59	-2	0.00	7999	350	1.004
15	22.82	15.13	6.96	6.86	-6	0.00	7999	350	1.004
20	22.82	15.22	7.00	6.81	-10	0.00	7999	350	1.002
25	22.82	15.37	7.02	6.82	-12	0.00	7999	350	1.002
30	22.82	15.59	7.04	6.79	-14	0.00	7999	350	1.002
35	22.82	15.75	7.06	6.75	-15	0.00	893	375	1.002
40	22.82	17.03	7.07	6.59	-16	0.00	717	350	1.002
45	22.82	17.43	7.09	6.52	-17	0.00	771	350	1.002
50	22.82	17.24	7.09	6.53	-18	0.00	726	350	1.002
55	22.82	17.40	7.10	6.56	-18	0.00	675	350	1.002
60	22.82	17.35	7.11	6.54	-19	0.00	660	350	1.002
65	22.82	17.28	7.11	6.56	-19	0.00	586	350	1.002
70	22.82	17.94	7.12	6.45	-19	0.00	539	350	1.002
75	22.82	18.02	7.12	6.48	-19	0.00	503	350	1.002
80	22.82	17.99	7.12	6.43	-19	0.00	485	350	1.002
85	22.82	17.41	7.12	6.54	-19	0.00	460	350	1.002
90	22.82	17.90	7.12	6.54	-19	0.00	439	350	1.002
95	22.82	17.27	7.12	6.57	-19	0.00	415	350	1.002
100	22.82	17.51	7.12	6.54	-19	0.00	424	350	1.002
105	22.82	17.62	7.12	6.54	-19	0.00	383	350	1.002
110	22.82	17.66	7.12	6.54	-19	0.00	437	350	1.002

End Purge Time: 1335

Water sample:

Time collected: 1400

Physical appearance at start

Color Light Brown
 Odor None

Sheen/Free Product None

Density Measurement

Start 1.002

End 1.002

Total volume of purged water removed:

19 gal

Physical appearance at sampling

Color Clear
 Odor None

Sheen/Free Product None

Field Test Results:

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

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date 3/20/12 Personnel KJK Weather Sunny high 70s
 Site Name WB13 SCA Evacuation Method Ground Fos Well # SB915-MW-93E
 Site Location Camillus, NY Sampling Method Ground Fos Project # 46698

Well information:

Depth of Well * 51.70 ft.
 Depth to Water * 22.76 ft.
 Length of Water Column 28.94 ft.

Field ID - SCA-0041-02

* Measurements taken from

<input checked="" type="checkbox"/>	Top of Well Casing
<input type="checkbox"/>	Top of Protective Casing
<input type="checkbox"/>	(Other, Specify)

Start Purge Time: 1620

Elapsed Time (min.)	(0.3-ft) Depth To Water (ft)	(3%) Temperature (celsius)	(0.1) pH	(3%) Conductivity (ms/cm)	(10 mV) Oxidation Reduction Potential	(10%) Dissolved Oxygen (mg/l)	(10%) Turbidity (NTU)	(100-500 ml/min) Flow Rate (ml/min)	
115	22.82	17.53	7.12	6.54	-19	0.00	383	350	1.002
120	22.82	17.46	7.12	6.54	-19	0.00	322	350	1.002
125	22.82	17.36	7.11	6.59	-19	0.00	313	350	1.002
130	22.82	17.33	7.11	6.58	-19	0.00	267	350	1.002
135	22.82	17.26	7.11	6.58	-18	0.00	254	350	1.002
140	22.82	17.18	7.11	6.56	-18	0.00	240	350	1.002
145	22.82	17.48	7.10	6.48	-16	0.00	258	350	1.002
150	22.82	17.30	7.09	6.53	-16	0.00	227	350	1.002
155	22.83	17.98	7.09	6.49	-16	0.00	165	350	1.002
160	22.78	19.29	7.07	6.59	-18	0.00	161	100	1.002
165	22.81	18.25	7.11	6.41	-22	0.00	175	330	1.002
170	22.80	18.33	7.10	6.51	-21	0.00	173	280	1.002
175	22.80	18.89	7.11	6.39	-21	0.00	157	280	1.002
180	22.80	19.17	7.11	6.33	-21	0.00	155	280	1.002
185	22.80	18.87	7.10	6.36	-20	0.00	155	280	1.002
190									

End Purge Time: 1335

Water sample:

Time collected: 1400

Physical appearance at start

Color Light Brown
 Odor None

Sheen/Free Product None

Density Measurement

Start 1.002 End 1.002

Total volume of purged water removed: 19 gal

Physical appearance at sampling

Color Clear
 Odor None

Sheen/Free Product None

Field Test Results:

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

Ground Fos = 165.60 Hz

* Cleared out hose of sediment

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log 1 of 2

Date 3/20/12 Personnel EBR Weather Sunny 70°
 Site Name WB13 SCA Evacuation Method _____ Well # SR915-MW-93D
 Site Location Camillus, NY Sampling Method Ground Pops Project # 46698

Well information:

Depth of Well * 63.86 ft.
 Depth to Water * 21.92 ft.
 Length of Water Column _____ ft.

* Measurements taken from

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

Start Purge Time: _____

Elapsed Time (min.)	(0.3-ft) Depth To Water (ft)	(3%) Temperature (celsius)	(0.1) pH	(3%) Conductivity (ms/cm)	(10 mV) Oxidation Reduction Potential	(10%) Dissolved Oxygen (mg/l)	(10%) Turbidity (NTU)	(100-500 ml/min) Flow Rate (ml/min)	
0	22.81	12.32	6.22	8.55	144	1.70	21000	400	1.010
5	22.81	12.47	6.45	8.70	115	0.00	21000	400	1.008
10	22.82	12.24	6.60	8.38	94	0.00	21000	460	1.006
15	22.82	12.34	6.66	8.21	85	0.00	717	440	1.006
20	22.82	12.58	6.64	8.15	76	0.00	537	440	1.006
25	22.81	12.72	6.71	8.03	71	0.00	517	420	1.004
30	22.81	12.97	6.75	7.95	63	0.00	360	500	1.004
35	22.81	13.23	6.78	7.89	57	0.00	308	360	1.004
40	22.81	13.33	6.80	7.85	53	0.00	254	360	1.004
45	22.81	13.36	6.80	7.81	44	0.00	202	360	1.004
50	22.81	13.42	6.81	7.78	46	0.00	180	360	1.004
55	22.81	13.43	6.83	7.77	44	0.00	160	360	1.004
60	22.81	13.52	6.83	7.73	42	0.00	163	340	1.004
65	22.81	13.60	6.83	7.71	41	0.00	168	340	1.004
70	22.81	13.49	6.83	7.64	39	0.00	182	400	1.004
75	22.81	13.48	6.84	7.66	37	0.00	136	370	1.004
80	22.81	13.41	6.84	7.63	37	0.00	140	370	1.004
85	22.81	13.56	6.84	7.63	36	0.00	119	370	1.004
90	22.81	13.98	6.84	7.63	35	0.00	116	360	1.004
95	22.81	13.71	6.84	7.61	34	0.00	115	360	1.004
100	22.81	13.73	6.84	7.59	33	0.00	113	360	1.004
105	22.81	13.76	6.84	7.58	32	0.00	105	460	1.004
110	22.81	13.87	6.83	7.56	32	0.00	105	340	1.004

Start Purge Time: 10:20
 End Purge Time: 13:00

Water sample: _____ Density Measurement Start 1.010 End 1.004
 Time collected: 1335 Total volume of purged water removed: 18 gals.
 Physical appearance at start _____ Physical appearance at sampling _____
 Color Brown Color Clear
 Odor None Odor None
 Sheen/Free Product None Sheen/Free Product None

Field Test Results: Dissolved ferrous iron: _____
 Dissolved total iron: _____
 Dissolved total manganese: _____
 Dissolved Oxygen: _____
 * Read DTW from Protective Casings during test.

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log 2 of 2

Date 3/20/12 Personnel EBR Weather Sunny 75°
 Site Name WB13 SCA Evacuation Method _____ Wall # SB915-MW-93D
 Site Location Camillus, NY Sampling Method Grundfos Project # 46698

Well information:

Depth of Well * 63.86 ft.
 Depth to Water * 21.92 ft.
 Length of Water Column _____ ft.

* Measurements taken from

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

Start Purge Time: _____

Elapsed Time (min.)	(0.3-ft) Depth To Water (ft)	(3%) Temperature (celsius)	(0.1) pH	(3%) Conductivity (ms/cm)	(10 mV) Oxidation Reduction Potential	(10%) Dissolved Oxygen (mg/l)	(10%) Turbidity (NTU)	(100-500 ml/min) Flow Rate (ml/min)
115	22.81	13.78	6.83	7.56	32	0.00	113	360
120	22.81	13.69	6.83	7.55	32	0.00	113	360
125	22.81	13.91	6.82	7.55	32	0.00	113	340
130	22.81	13.87	6.82	7.54	32	0.00	112	360
135	22.81	13.77	6.80	7.55	33	0.00	131	440
140	22.81	13.49	6.79	7.51	33	0.00	108	480
145	22.81	13.25	6.79	7.51	33	0.00	95.3	480
150	22.81	13.24	6.80	7.50	33	0.00	87.4	490
155	22.81	13.13	6.81	7.50	32	0.00	83.1	480
160	22.81	13.34	6.83	7.49	30	0.00	79.3	480

1.004
1.004
1.004
1.004
1.004
1.004
1.004
1.004
1.004
1.004

End Purge Time: 1335

Water sample:

Time collected: 1335

Physical appearance at start

Color brown
 Odor NO

Sheen/Free Product NO

Density Measurement

Start 1.010 End 1.004

Total volume of purged water removed: ~20 gal

Physical appearance at sampling

Color clear
 Odor NO

Sheen/Free Product NO

Field Test Results:

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

Analytical Parameters:

Container Size	Container type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date 03/20/12 Personnel RDH/JWB Weather ± 60's, Sunny
 Site Name WB13 SCA Evacuation Method Grundfos (Redi-flow) Pump Well # SB915 - MW - 938R
 Site Location Camillus, NY Sampling Method Grundfos (Redi-flow) Pump Project # 46698

Well information:

Depth of Well * 154.84 ft. * Measurements taken from
 Depth to Water * 27.34 ft. Top of Well Casing
 Length of Water Column 127.50 ft. Top of Protective Casing
 (Other, Specify) SCA-0041-06

Start Purge Time: 1017

Elapsed Time (min.)	(0.3-ft) Depth To Water (ft)	(3%) Temperature (celsius)	(0.1) pH	(3%) Conductivity (ms/cm)	(10 mV) Oxidation Reduction Potential	(10%) Dissolved Oxygen (mg/l)	(10%) Turbidity (NTU)	(100-500 ml/min) Flow Rate (ml/min)	SPG
0	32.48	13.13	5.37	>100.0	116	0.00	NM	150	1.089
5			Pump	Failed					
10	43.90	20.28	6.43	>100.0	-29	0.00	25.0	500	1.080
15	44.50	14.74	6.40	>100.0	-25	0.00	51.5	160	1.081
20	45.48	14.33	6.37	>100.0	-9	0.00	46.0	300	1.081
25	46.40	13.92	6.33	>100.0	-7	0.00	62.4	400	1.080
30	47.08	14.53	6.29	>100.0	-3	0.00	56.6	250	1.080
35	47.40	14.19	6.28	>100.0	-1	0.00	52.4	330	1.080
40	47.99	13.93	6.27	>100.0	1	0.00	49.7	300	1.080
45	48.58	13.59	6.27	>100.0	2	0.00	47.3	315	1.080
50	49.29	13.63	6.27	>100.0	2	0.00	44.9	300	1.080

End Purge Time: 1236

Water sample: Time collected: 1235
 Density Measurement Start 1.089 End 1.080
 Total volume of purged water removed: ~ 13 gallons
 Physical appearance at start: Color Clear, Odor No, Sheen/Free Product No
 Physical appearance at sampling: Color Clear, Odor No, Sheen/Free Product No

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

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date: 03/14/12 Personnel: RDH Weather: ±50's, Sunny
 Site Name: WB13 SCA Evacuation Method: Groundlos (Red Flow) Pump Well #: SBP15-MW-94S
 Site Location: Camillus, NY Sampling Method: Groundlos (Red Flow) Pump Project #: 46698

Well information:

Depth of Well * 32.30 ft.
 Depth to Water * 24.79 ft.
 Length of Water Column _____ ft.
 * Measurements taken from
 Top of Well Casing
 Top of Protective Casing
 (Other, Specify)

Start Purge Time: 1003

Elapsed Time (min.)	(0.3-ft) Depth To Water (ft)	(3%) Temperature (celsius)	(0.1) pH	(3%) Conductivity (ms/cm)	(10 mV) Oxidation Reduction Potential	(10%) Dissolved Oxygen (mg/l)	(10%) Turbidity (NTU)	(100-500 ml/min) Flow Rate (ml/min)	SpG
0	27.01	12.15	5.92	1.19	141	0.00	368	150	1.000
5	27.15	12.60	6.00	1.18	129	0.00	237	150	1.000
10	27.38	13.85	6.07	1.16	116	0.00	151	150	1.000
15	27.39	14.73	6.12	1.15	122	0.00	151	150	1.000
20	27.46	15.52	6.15	1.14	122	0.00	140	150	1.000
25	27.47	15.87	6.17	1.14	122	0.00	116	150	1.000
30	27.44	16.47	6.21	1.13	123	0.00	118	150	1.000
35	27.45	16.69	6.23	1.13	123	0.00	121	150	1.000
40	27.42	17.06	6.26	1.12	125	0.00	91.6	150	1.000
45	27.30	17.28	6.27	1.12	127	0.00	73.1	120	1.000
50	27.32	17.46	6.30	1.11	129	0.00	55.1	150	1.000
55	27.28	17.48	6.31	1.11	130	0.00	41.5	150	1.000
60	27.28	17.73	6.32	1.31	131	0.00	25.4	150	1.000
65	27.26	17.85	6.34	1.31	132	0.00	22.1	150	1.000
70	27.29	17.91	6.35	1.31	132	0.00	17.5	150	1.000

End Purge Time: 1222 ~~WB13~~ SCA-0037-01

Water sample: Density Measurement Start 1.000 End 1.000
 Time collected: 1220 Total volume of purged water removed: _____
 Physical appearance at start: Color Cloudy Light Brown Physical appearance at sampling: Color Clear
 Odor No Odor No
 Sheen/Free Product No Sheen/Free Product No

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

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date 3/14/12 Personnel EBR Weather Sunny 55°
Site Name WB13 SCA Evacuation Method Well # SR915-MW-95S
Site Location Camillus, NY Sampling Method Grundfos Project # 46698

Well information:

Depth of Well * 38.02 ft.
Depth to Water * 27.96 ft.
Length of Water Column ft.

* Measurements taken from

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

Start Purge Time:

Table with 9 columns: Elapsed Time (min.), (0.3-ft) Depth To Water (ft), (3%) Temperature (celsius), (0.1) pH, (3%) Conductivity (ms/cm), (10 mV) Oxidation Reduction Potential, (10%) Dissolved Oxygen (mg/l), (10%) Turbidity (NTU), (100-500 ml/min) Flow Rate (ml/min). Includes handwritten data for 0-55 minutes.

1.002

Start 10:20 End Purge Time: 11:05 SCA-0037-02

Water sample: Time collected: 1145 Density Measurement Start 1.002 End 1.000 Total volume of purged water removed: 7 gals.
Physical appearance at start: Color Slightly Cloudy, Odor None, Sheen/Free Product None.
Physical appearance at sampling: Color Clear, Odor None, Sheen/Free Product None.

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

Analytical Parameters:

Table with 6 columns: Container Size, Container Type, # Collected, Field Filtered, Preservative, Container pH.

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date 3/14/12 Personnel KNK Weather clear, mild
 Site Name WB13 SCA Evacuation Method 2nd GroundFos Well # SB915-MW-965
 Site Location Camillus, NY Sampling Method _____ Project # 46698

Well information:

Depth of Well * 37.64 ft.
 Depth to Water * 28.69 ft.
 Length of Water Column 8.95 ft.

* Measurements taken from

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

Start Purge Time: 1025

Elapsed Time (min.)	(0.3-ft) Depth To Water (ft)	(3%) Temperature (celsius)	(0.1) pH	(3%) Conductivity (ms/cm)	(10 mV) Oxidation Reduction Potential	(10%) Dissolved Oxygen (mg/l)	(10%) Turbidity (NTU)	(100-500 ml/min) Flow Rate (ml/min)
0	28.71	12.95	7.15	96	0.718	0.74	642	500
5	28.71	13.08	7.27	87	0.727	0.91	>999	440
10	28.71	13.63	7.35	85	0.727	1.50	>999	400
15	28.71	13.98	7.36	82	0.720	1.18	>999	400
20	28.71	14.25	7.37	79	0.716	1.60	>999	400
25	28.71	14.32	7.39	74	0.712	1.01	>999	400
30	28.71	14.25	7.40	71	0.711	0.95	765	400
35	28.71	14.21	7.40	66	0.708	0.85	478	440
40	28.71	14.11	7.41	64	0.710	0.91	299	440
45	28.71	14.04	7.41	63	0.709	0.90	193	440
50	28.71	14.04	7.42	62	0.709	0.93	112	440
55	28.71	13.81	7.43	63	0.710	0.97	75.7	440
60	28.71	13.68	7.40	70	0.708	1.07	64.9	400
65	28.71	14.02	7.41	65	0.708	0.98	50.1	440
70	28.71	14.09	7.43	63	0.708	0.93	36.7	440
75	28.71	14.07	7.43	64	0.709	0.98	35.8	440

End Purge Time: 1204

SCA-0037-03

Water sample:

Density Measurement

Start 1.000

End 1.000

Time collected: 1204

Total volume of purged water removed: _____

Physical appearance at start

Physical appearance at sampling

Color cloudy
 Odor none

Color clear
 Odor none

Sheen/Free Product none

Sheen/Free Product none

Field Test Results:

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

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date 3/14/12 Personnel VSK Weather Sunny - high 60s
 Site Name WB13 SCA Evacuation Method Ground box Well # SBA15-MW-97S
 Site Location Camillus, NY Sampling Method Ground box Project # 46698

Well information:

Depth of Well * 36.71 ft.
 Depth to Water * 26.98 ft.
 Length of Water Column 9.73 ft.

* Measurements taken from

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

Start Purge Time: 1030

Elapsed Time (min.)	(0.3-ft) Depth To Water (ft)	(3%) Temperature (celsius)	(0.1) pH	(3%) Conductivity (ms/cm)	(10 mV) Oxidation Reduction Potential	(10%) Dissolved Oxygen (mg/l)	(10%) Turbidity (NTU)	(100-500 ml/min) Flow Rate (ml/min)
0	27.01	15.82	6.75	1.81	100	0.00	333	150
5	27.01	15.40	6.90	1.83	67	0.00	339	100
10	27.01	14.71	7.09	1.83	42	0.00	161	150
15	27.01	14.40	7.13	1.87	35	0.00	98.1	200
20	27.01	15.26	7.16	1.88	31	0.00	79.6	200
25	27.01	15.93	7.19	1.88	29	0.00	61.7	300
30	27.01	16.09	7.21	1.83	32	0.00	70.8	300
35	27.01	16.12	7.22	1.86	32	0.00	55.5	325
40	27.01	15.98	7.24	1.86	32	0.00	51.8	325
45	27.01	15.97	7.24	1.86	34	0.00	43.8	325
50	27.01	15.99	7.26	1.86	33	0.00	39.3	325
55	27.01	16.09	7.26	1.87	33	0.00	41.9	325

End Purge Time: 1125

SCA-0037-04

Water sample: Time collected: 1136
 Density Measurement Start 1.001 End 1.000
 Total volume of purged water removed: 6 gal
 Physical appearance at start: Color Cloudy Grey Odor None Sheen/Free Product None
 Physical appearance at sampling: Color Clear Odor None Sheen/Free Product None

Field Test Results: Dissolved ferrous iron: _____
 Dissolved total iron: _____
 Dissolved total manganese: _____
 Dissolved Oxygen: _____
Ground box = 124.50 Hz

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date 3/14/12 Personnel JWB Weather ~60°F Sunny
 Site Name WB13 SCA Evacuation Method Gravities Well # SB415 MW - 485
 Site Location Camillus, NY Sampling Method Low Flow/Gravities Project # 46698

Well information:

Depth of Well * 36.15 ft.
 Depth to Water * 25.19 ft.
 Length of Water Column _____ ft.

* Measurements taken from

<input checked="" type="checkbox"/>	Top of Well Casing
<input type="checkbox"/>	Top of Protective Casing
<input type="checkbox"/>	(Other, Specify)

Start Purge Time: 1035

Elapsed Time (min.)	(0.3-ft) Depth To Water (ft)	(3%) Temperature (celsius)	(0.1) pH	(3%) Conductivity (ms/cm)	(10 mV) Oxidation Reduction Potential	(10%) Dissolved Oxygen (mg/l)	(10%) Turbidity (NTU)	(100-500 ml/min) Flow Rate (ml/min)	Density
0	28.21	13.10	6.79	3.22	67	4.48	71000	450	1.002
10	28.21	13.88	6.80	3.16	23	0.00	21000	450	1.002
15	28.21	13.88	6.81	3.14	39	0.00	21000	500	1.002
20	28.21	14.27	6.83	3.16	32	0.00	680	400	1.002
25	28.21	14.61	6.84	3.15	30	0.00	488	400	1.002
30	28.21	14.52	6.85	3.13	34	0.00	279	400	1.002
35	28.21	14.37	6.86	3.11	38	0.00	181	400	1.002
40	28.21	14.37	6.86	3.09	341	0.00	121	400	1.002
45	28.21	14.33	6.87	3.07	44	0.00	102	400	1.002
50	28.21	14.34	6.87	3.05	45	0.00	78.7	400	1.002
55	28.21	14.32	6.87	3.04	47	0.00	62.6	400	1.002
60	28.21	14.23	6.88	3.02	453	0.00	50.6	400	1.002
65	28.21	14.22	6.88	3.00	55	0.00	47.6	400	1.002
70	28.21	14.19	6.88	3.00	56	0.00	38.0	400	1.002
75	28.21	14.23	6.88	2.98	55	0.00	37.0	400	1.002
78	28.21	14.24	6.88	2.97	56	0.00	35.0	400	1.002
81	28.21	14.17	6.88	2.97	56	0.00	35.1	400	1.002

End Purge Time: 1207 1207

SCA 0037-07

Water sample: Density Measurement Start 1.002 End 1.002
 Time collected: 1207 Total volume of purged water removed: 14
 Physical appearance at start: Color Brown Physical appearance at sampling: Color clear
 Odor NO Odor NO
 Sheen/Free Product NO Sheen/Free Product NO

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

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date 03/15/12 Personnel RDH/JWB Weather ±50's, Partly Sunny
 Site Name WB13 SCA Evacuation Method Grundfos (Rediflow) Pump Well # SB915 - MW - 915
 Site Location Camillus, NY Sampling Method Grundfos (Rediflow) Pump Project # 46698

Well information:

Depth of Well * 33.65 ft.
 Depth to Water * 25.38 ft.
 Length of Water Column 8.27 ft.

* Measurements taken from

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

Start Purge Time: 1000

Elapsed Time (min.)	(0.3-ft) Depth To Water (ft)	(3%) Temperature (celsius)	(0.1) pH	(3%) Conductivity (ms/cm)	(10 mV) Oxidation Reduction Potential	(10%) Dissolved Oxygen (mg/l)	(10%) Turbidity (NTU)	(100-500 ml/min) Flow Rate (ml/min)
0	25.36	12.60	7.04	3.15	-17	5.14	>1,000	450
5	25.36	13.41	6.92	4.35	-22	1.36	>1,000	450
10	25.36	13.95	6.91	5.25	-28	0.93	>1,000	450
15	25.36	14.39	6.92	5.58	-32	0.75	>1,000	450
20	25.36	14.85	6.92	5.93	-37	0.56	>1,000	450
25	25.36	15.25	6.93	6.26	-40	0.45	747	450
30	25.36	15.38	6.93	6.41	-42	0.30	609	450
35	25.36	15.57	6.94	6.58	-46	0.26	417	450
40	25.36	15.65	6.94	6.72	-49	0.16	295	450
45	25.36	15.72	6.95	6.81	-49	0.11	231	450
50	25.36	15.74	6.95	6.86	-50	0.08	168	450
55	25.36	15.76	6.96	6.88	-51	0.08	159	450
60	25.36	15.76	6.96	6.93	-52	0.02	141	450
65	25.36	15.77	6.96	6.96	-53	0.00	122	450
70	25.36	15.81	6.96	6.97	-52	0.00	104	450
75	25.36	15.82	6.96	7.02	-53	0.00	87.8	450
80	25.36	15.86	6.96	7.09	-54	0.00	73.5	450
85	25.36	15.88	6.96	7.09	-55	0.00	61.7	450
90	25.36	15.86	6.97	7.03	-56	0.00	47.9	450
95	25.36	15.80	6.97	7.00	-56	0.00	39.5	450
100	25.36	15.84	6.97	7.04	-55	0.00	32.5	450

End Purge Time: 1210

SCA - 0038 - 01

Water sample:

Density Measurement

Start 1.004

End 1.002

Time collected: 1209

Total volume of purged water removed:

~14 gal

Physical appearance at start

Physical appearance at sampling

Color Brown
 Odor No

Color Clear
 Odor No

Sheen/Free Product No

Sheen/Free Product No

Field Test Results:

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

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date 3/15/12 Personnel KJK Weather Mostly cloudy high 60s
 Site Name WB13 SCA Evacuation Method Groundfos Well # SB 915-MW-1005
 Site Location Camillus, NY Sampling Method Groundfos Project # 46698

Well information:

Depth of Well * 32.92 ft.
 Depth to Water * 22.94 ft.
 Length of Water Column _____ ft.

* Measurements taken from

<input checked="" type="checkbox"/>	Top of Well Casing
<input type="checkbox"/>	Top of Protective Casing
<input type="checkbox"/>	(Other, Specify)

Start Purge Time: 1015

Elapsed Time (min.)	(0.3-ft) Depth To Water (ft)	(3%) Temperature (celsius)	(0.1) pH	(3%) Conductivity (ms/cm)	(10 mV) Oxidation Reduction Potential	(10%) Dissolved Oxygen (mg/l)	(10%) Turbidity (NTU)	(100-500 ml/min) Flow Rate (ml/min)
0	22.91	13.00	6.82	8.07	-16	0.00	924	375
5	22.93	13.94	6.90	8.81	-15	0.00	7999	450
10	22.92	14.50	6.96	9.41	-15	0.00	817	450
15	22.93	14.77	6.98	9.73	-14	0.00	652	400
20	22.93	14.94	6.98	10.0	-15	0.00	488	400
25	22.93	15.08	6.99	10.3	-15	0.00	383	400
30	22.93	15.13	7.00	10.5	-16	0.00	316	400
35	22.93	15.13	7.00	10.6	-17	0.00	224	400
40	22.93	15.15	7.01	10.7	-18	0.00	179	400
45	22.93	15.14	7.01	10.8	-19	0.00	135	400
50	22.93	15.14	7.02	10.9	-20	0.00	95.6	400
55	22.93	15.16	7.02	10.9	-20	0.00	80.0	400
60	22.93	15.18	7.02	10.9	-21	0.00	77.6	400
65	22.93	15.19	7.02	10.9	-22	0.00	64.3	400
70	22.93	15.22	7.02	10.9	-22	0.00	48.7	400
75	22.93	15.26	7.02	11.0	-23	0.00	41.5	400
80	22.93	15.28	7.02	11.0	-23	0.00	36.4	400
85	22.93	15.38	7.02	10.9	-23	0.00	31.4	400
90	22.93	15.40	7.02	10.9	-23	0.00	27.6	400

End Purge Time: 1203 1145

SCA-0038-02

Water sample:

Density Measurement

Start 1.004

End 1.004

Time collected: 1200

Total volume of purged water removed:

~11.0 gallons

Physical appearance at start

Physical appearance at sampling

Color Light Brown
 Odor Yes - Musty - Mottballs

Color Clear
 Odor Yes - Mottballs

Sheen/Free Product None

Sheen/Free Product None

Field Test Results:

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

Groundfos = 117.00 Hz

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date: 3/15/12 Personnel: KNK Weather: pt. cloudy, mild
 Site Name: WB13 SCA Evacuation Method: 2" Grundfos Well #: SR915-MW-1015
 Site Location: Camillus, NY Sampling Method: _____ Project #: 46698

Well information:

Depth of Well * 33.99 ft. * Measurements taken from
 Depth to Water * 23.47 ft. Top of Well Casing
 Length of Water Column 10.58 ft. Top of Protective Casing
 (Other, Specify) _____

Start Purge Time: _____

Elapsed Time (min.)	(0.3-ft) Depth To Water (ft)	(3%) Temperature (celsius)	(0.1) pH	(3%) Conductivity (ms/cm)	(10 mV) Oxidation Reduction Potential	(10%) Dissolved Oxygen (mg/l)	(10%) Turbidity (NTU)	(100-500 ml/min) Flow Rate (ml/min)
0	23.44	11.99	7.11	11.6	-142	0.0	999	460
5	23.44	14.33	7.34	11.9	-162	0.0	797	500
10	23.44	14.08	7.43	11.9	-165	0.0	347	360
15	23.43	14.58	7.44	12.0	-166	0.0	274	300
20	23.43	15.06	7.45	12.1	-167	0.0	179	340
25	23.43	15.00	7.47	12.1	-168	0.0	118	360
30	23.43	15.00	7.47	12.1	-168	0.0	88.6	360
35	23.43	14.90	7.48	12.1	-168	0.0	69.0	380
40	23.43	14.87	7.47	12.1	-166	0.0	62.9	380
45	23.43	14.81	7.47	12.1	-166	0.0	48.9	380
50	23.43	14.82	7.47	12.1	-166	0.0	37.5	380
55	23.43	14.88	7.47	12.1	-166	0.0	33.7	380

End Purge Time: 1132 SCA-0038-03

Water sample: SCA - 0038 - 003 Density Measurement Start 1.006 End 1.004
 Time collected: 1132 Total volume of purged water removed: _____

Physical appearance at start: Color cloudy / dk. gray Physical appearance at sampling: Color clear
 Odor yes chemical Odor yes chemical
 Sheen/Free Product none Sheen/Free Product none

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

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date 3/15/12 Personnel EBR Weather Overcast 50°
 Site Name WB13 SCA Evacuation Method _____ Well # SB915-MW-102S
 Site Location Camillus, NY Sampling Method Grundfos Project # 46698

Well information:

Depth of Well * 32.10 ft. * Measurements taken from _____
 Depth to Water * 22.40 ft. Top of Well Casing
 Length of Water Column _____ ft. _____ Top of Protective Casing
 (Other, Specify) _____

Start Purge Time: _____

Elapsed Time (min.)	(0.3-ft) Depth To Water (ft)	(3%) Temperature (celsius)	(0.1) pH	(3%) Conductivity (ms/cm)	(10 mV) Oxidation Reduction Potential	(10%) Dissolved Oxygen (mg/l)	(10%) Turbidity (NTU)	(100-500 ml/min) Flow Rate (ml/min)	
0	22.42	11.84	6.68	6.02	-88	1.13	>1000	520	1.004
5	22.44	12.85	7.13	6.02	-95	0.00	>1000	220	1.005
10	22.44	13.45	7.23	6.05	-96	0.00	>1000	300	1.004
15	22.44	13.85	7.25	6.04	-96	0.00	>1000	320	1.005
20	22.44	13.93	7.27	6.03	-96	0.00	>1000	300	1.006
25	22.44	13.95	7.28	6.02	-96	0.00	786	320	1.004
30	22.44	13.88	7.29	6.01	-95	0.00	484	360	1.004
35	22.45	13.80	7.30	6.01	-94	0.00	311	360	1.004
40	22.45	13.72	7.30	6.00	-94	0.00	230	350	1.004
45	22.45	13.73	7.30	6.00	-93	0.00	182	360	1.004
50	22.46	13.72	7.31	5.94	-93	0.00	130	360	1.004
55	22.46	13.67	7.31	5.94	-93	0.00	91.5	360	1.004
60	22.45	13.61	7.31	5.98	-92	0.00	76.2	360	1.004
65	22.44	13.60	7.31	5.94	-93	0.00	66.3	360	1.004
70	22.44	13.61	7.31	5.98	-93	0.00	57.6	360	1.004
75	22.44	13.60	7.32	5.98	-92	0.00	50.7	360	1.004
80	22.44	13.59	7.31	5.98	-92	0.00	37.5	360	1.004
85	22.44	13.68	7.31	5.98	-92	0.00	33.1	360	1.004
90	22.44	13.70	7.31	5.98	-91	0.00	28.7	360	1.004

Start 10:10 End Purge Time: 11:40 SCA-0038-04 | SCA-FD-0038

Water sample: Density Measurement Start 1.004 End 1.004
 Time collected: 12:20 Total volume of purged water removed: 9 gals

Physical appearance at start: Color Cloudy Odor None Sheen/Free Product None
 Physical appearance at sampling: Color Clear Odor None Sheen/Free Product None

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

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date 03/22/12
 Site Name WB13 SCA
 Site Location Camillus, NY

Personnel RDA
 Evacuation Method Grundfos (Red-Flow) Pump
 Sampling Method Grundfos (Red-Flow) Pump

Weather ± 70's, Sunny
 Well # SR915-MW-1035
 Project # 46698

Well Information:

Depth of Well * 81.00 ft.
 Depth to Water * 67.28 ft.
 Length of Water Column 13.72 ft.

* Measurements taken from

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

SCA-0043-04

Start Purge Time: 1035

Elapsed Time (min.)	(0.3-ft) Depth To Water (ft)	(3%) Temperature (celsius)	(0.1) pH	(3%) Conductivity (ms/cm)	(10 mV) Oxidation Reduction Potential	(10%) Dissolved Oxygen (mg/l)	(10%) Turbidity (NTU)	(100-500 ml/min) Flow Rate (ml/min)	SpG
0	66.83	15.79	11.47	9.64	-27	5.52	54.2	500	1.004
5	66.92	15.09	11.95	8.16	-92	2.25	19.7	500	1.002
10	66.86	15.20	11.57	5.40	-89	0.59	60.3	360	1.002
15	66.72	15.49	11.14	4.16	-79	0.41	112	350	1.002
20	66.92	16.44	10.38	3.61	-53	0.20	105	360	1.002
25	67.39	17.52	10.04	3.43	-43	0.10	93.3	380	1.002
30	67.43	17.85	9.56	3.42	-28	0.08	64.2	350	1.002
35	67.38	18.68	9.06	3.29	-14	0.00	47.5	400	1.002
40	67.41	19.05	8.92	3.18	-7	0.00	44.9	400	1.002
45	67.39	19.04	8.48	3.14	-4	0.00	37.2	400	1.002
50	67.39	19.49	8.34	3.07	-5	0.00	31.4	400	1.002
55	67.41	19.49	8.23	3.03	-10	0.00	25.8	400	1.002
60	67.40	19.47	8.13	3.04	-21	0.00	19.9	400	1.002
65	67.40	19.43	8.05	2.99	-30	0.00	17.5	400	1.002
70	67.40	19.75	7.99	2.93	-36	0.00	16.1	400	1.002
75	67.40	19.82	7.92	2.90	-47	0.00	15.0	400	1.002
80	67.40	19.83	7.86	2.90	-55	0.00	13.2	400	1.002
83	67.40	19.70	7.83	2.89	-58	0.00	12.3	400	1.002
86	67.40	19.76	7.80	2.89	-60	0.00	11.4	400	1.002
89	67.40	19.36	7.77	2.90	-62	0.00	10.1	400	1.002
92	67.40	19.49	7.74	2.90	-62	0.00	8.3	400	1.002
95	67.41	19.48	7.72	2.88	-62	0.00		400	

End Purge Time: 1242

Water sample:
 Time collected: 1241
 Physical appearance at start
 Color Clear
 Odor No
 Sheen/Free Product No

Density Measurement Start 1.004 End 1.002
 Total volume of purged water removed: ~ 13 gallons
 Physical appearance at sampling
 Color Clear
 Odor No
 Sheen/Free Product No

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

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

3/8/2012

Groundwater Sampling Logs
2nd Quarter 2012

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date 5/7/12 Personnel STW Weather 105/overcast
 Site Name WB13 SCA Evacuation Method Ground for Well # SB915-MW-875
 Site Location Camillus, NY Sampling Method Ground for Low Flow Project # 46698

Well information:

Depth of Well * 37.24 ft.
 Depth to Water * 28.76 ft.
 Length of Water Column 8.48 ft.

* Measurements taken from

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

SCA-0044-01

Start Purge Time: 11:05

Elapsed Time (min.)	(0.3-ft) Depth To Water (ft)	(3%) Temperature (celsius)	(0.1) pH	(3%) Conductivity (ms/cm)	(10 mV) Oxidation Reduction Potential	(10%) Dissolved Oxygen (mg/l)	(10%) Turbidity (NTU)	(100-500 ml/min) Flow Rate (ml/min)
0	28.80	14.87	6.03	0.792	64	0.98	89.2	360
5	28.82	14.89	6.34	0.779	36	0.04	69.8	360
10	28.81	14.97	6.57	0.769	39	0.13	75.6	360
15	28.81	15.06	6.71	0.753	47	0.310	70.9	340
20	28.81	15.21	6.83	0.744	55	0.710	64.9	300
25	28.80	15.44	6.90	0.741	57	0.93	61.1	300
30	28.80	15.58	6.93	0.737	60	1.12	58.3	300
35	28.80	15.75	6.96	0.734	62	1.27	58.4	300
40	28.80	15.81	6.97	0.732	61	1.35	59.4	300
45	28.80	15.91	6.98	0.728	63	1.41	59.0	280
50	28.80	16.08	6.97	0.727	65	1.54	52.8	280
53	28.80	16.16	6.98	0.725	65	1.53	52.0	280
56	28.81	16.19	6.98	0.724	65	1.54	54.4	280
59	28.81	16.30	6.98	0.720	66	1.62	52.5	260
62	28.81	16.41	6.98	0.719	67	1.59	53.0	260
65	28.80	16.45	6.99	0.718	71	1.53	56.1	270

Sp6
1.004

1.004

End Purge Time: 12:47

Water sample:

Density Measurement Start 1.004 End 1.004

Time collected: 12:40

Total volume of purged water removed: ~10 gallons

Physical appearance at start

Physical appearance at sampling

Color clean/slight cloudiness

Color mostly clean

Odor none

Odor none

Sheen/Free Product none

Sheen/Free Product none

Field Test Results:

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

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date 5/7/12 Personnel ABG / KJIC Weather Mostly Cloudy
 Site Name WB13 SCA Evacuation Method Gravimetric Low Flow Well # SR915-MW-87I
 Site Location Camillus, NY Sampling Method G Project # 46698

Well information:

Depth of Well * 75.02 ft.
 Depth to Water * 28.71 ft.
 Length of Water Column 46.31 ft.

* Measurements taken from

<input checked="" type="checkbox"/>	Top of Well Casing
<input type="checkbox"/>	Top of Protective Casing
<input type="checkbox"/>	(Other, Specify)

Start Purge Time: 1135

Elapsed Time (min.)	(0.3-ft) Depth To Water (ft)	(3%) Temperature (celsius)	(0.1) pH	(3%) Conductivity (ms/cm)	(10 mV) Oxidation Reduction Potential	(10%) Dissolved Oxygen (mg/l)	(10%) Turbidity (NTU)	(100-500 ml/min) Flow Rate (ml/min)	
0	28.72	11.44	6.63	3.95	50	0.80	7999	300	1.002
5	28.74	10.87	6.76	4.66	18	0.00	7999	400	1.002
10	28.69	12.05	6.83	4.67	2	0.00	7999	400	1.002
15	28.72	11.27	6.86	4.71	-3	0.00	7999	400	1.000
20	28.71	11.39	6.89	4.72	-7	0.00	643	400	1.000
25	28.71	11.44	6.91	4.75	-9	0.00	459	400	1.000
30	28.71	11.47	6.93	4.79	-10	0.00	272	400	1.000
35	28.72	11.49	6.95	4.82	-10	0.00	146	450	1.002
40	28.72	11.59	6.96	4.84	-11	0.00	108	400	1.000
45	28.72	11.52	6.98	4.88	-11	0.00	88.8	400	1.000
50	28.72	11.59	6.98	4.88	-10	0.00	68.0	400	1.000
55	28.72	11.63	6.99	4.88	-10	0.00	61.8	400	1.000
60	28.72	11.67	6.99	4.88	-8	0.00	54.1	400	1.000
65	28.72	11.65	7.01	4.88	-8	0.00	44.2	400	1.000
68	28.72	11.68	7.01	4.88	-7	0.00	33.4	400	1.000
71	28.72	11.73	7.01	4.88	-7	0.00	36.4	400	1.000
74	28.72	11.72	7.01	4.88	-6	0.00	31.0	400	1.000

End Purge Time: 1249

Water sample: SCA-004-03

Time collected: 1255

Physical appearance at start

Color Light Brown
 Odor None

Sheen/Free Product None

Density Measurement

Start 1.002 End 1.000

Total volume of purged water removed: 10 gal

Physical appearance at sampling

Color Clear
 Odor None

Sheen/Free Product None

Field Test Results:

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

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date 5/7/12 Personnel EBR Weather Overcast 70°
Site Name WB13 SCA Evacuation Method Well # SB915-WB-02L
Site Location Camillus, NY Sampling Method Gundfos Project # 46698

Well information:

Depth of Well * 111.44 ft.
Depth to Water * 29.52 ft.
Length of Water Column 81.92 ft.
* Measurements taken from [X] Top of Well Casing
Top of Protective Casing
(Other, Specify)

Start Purge Time: 1105

Table with 9 columns: Elapsed Time (min.), (0.3-ft) Depth To Water (ft), Temperature (celsius), pH, Conductivity (ms/cm), Oxidation Reduction Potential (10 mV), Dissolved Oxygen (mg/l), Turbidity (NTU), Flow Rate (ml/min). Rows 0-45 minutes.

1.052
1.056
1.054
1.052
1.054
1.054
1.054
1.054
1.054
1.052
1.052

End Purge Time: 1150

Water sample: Density Measurement Start 1.052 End 1.052
Time collected: 1220 Total volume of purged water removed: 6.0 gal
Physical appearance at start Physical appearance at sampling
Color cloudy Color Clear
Odor Yes - sulfur Odor Yes - Sulfur
Sheen/Free Product NO Sheen/Free Product None

Field Test Results: Dissolved ferrous iron:
Dissolved total iron:
Dissolved total manganese:
Dissolved Oxygen: SCA-0044-02

Analytical Parameters:

Table with 6 columns: Container Size, Container Type, # Collected, Field Filtered, Preservative, Container pH.

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date 5/7/12 Personnel A. Young Weather _____
 Site Name WB13 SCA Evacuation Method Low Flow Well # SR415-MW-87BR
 Site Location Camillus, NY Sampling Method Groundwater Project # 46698

Well information:

Depth of Well * 129.27 ft. * Measurements taken from
 Depth to Water * 29.74 ft. Top of Well Casing
 Length of Water Column 99.53 ft. Top of Protective Casing
 (Other, Specify) _____

Start Purge Time: 1110 SCA-0044 - 04,05,06 MS + MSD

Elapsed Time (min.)	(0.3-ft) Depth To Water (ft)	(3%) Temperature (celsius)	(0.1) pH	(3%) Conductivity (µs/cm)	(10 mV) Oxidation Reduction Potential	(10%) Dissolved Oxygen (mg/l)	(10%) Turbidity (NTU)	(100-500 ml/min) Flow Rate (ml/min)
0	31.02	18.14	9.25	37.0	136	3.04	29.5	375
5	31.02	17.02	10.48	51.3	85	6.21	27.3	200
10	31.02	16.44	10.09	59.7	56	0.00	311	200
15	31.02	16.20	10.04	60.7	43	0.00	192	200
20	31.01	16.03	9.96	61.3	38	0.00	88.2	180
25	31.01	15.95	9.87	62.0	40	0.00	53.1	180
30	31.00	15.97	9.72	62.5	46	0.00	29.7	180
35	30.90	15.98	9.51	63.3	58	0.00	27.6	180
40	30.90	15.98	9.39	63.7	-65	0.00	20.3	180
45	30.90	16.00	9.20	64.3	-47	0.00	15.9	180
50	30.90	16.01	9.07	64.8	-87	0.00	12.1	180
55	30.90	16.00	8.94	65.3	-177	0.00	11.3	180
60	30.89	16.02	8.88	65.6	-193	0.00	10.2	180
65	30.88	16.05	8.78	66.0	-203	0.00	10.4	180
70	30.88	16.09	8.72	66.4	-204	0.00	10.6	180
73	30.88	16.12	8.68	66.5	-207	0.00	10.7	180

End Purge Time: 1406

Water sample: _____ Density Measurement Start 1.030 End 1.042
 Time collected: 1345 Total volume of purged water removed: 3.5 gal
 Physical appearance at start _____ Physical appearance at sampling _____
 Color clear → slightly turbid (wh. n.) Color clear
 Odor Ø Odor Ø
 Sheen/Free Product Ø Sheen/Free Product Ø

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

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date 5-8-12 Personnel KJK Weather Rain ~ 55°
 Site Name WB13 SCA Evacuation Method Ground box Well # SR915-MW-~~88~~88S
 Site Location Camillus, NY Sampling Method Ground box Project # 46698

Well information:

Depth of Well * 37.40 ft.
~~54.98~~
 Depth to Water * 26.65 ft.
 Length of Water Column 26.30 ft.

* Measurements taken from

<input checked="" type="checkbox"/>	Top of Well Casing
<input type="checkbox"/>	Top of Protective Casing
<input type="checkbox"/>	(Other, Specify)

Start Purge Time: 1035

Elapsed Time (min.)	(0.3-ft) Depth To Water (ft)	(3%) Temperature (celsius)	(0.1) pH	(3%) Conductivity (ms/cm)	(10 mV) Oxidation Reduction Potential	(10%) Dissolved Oxygen (mg/l)	(10%) Turbidity (NTU)	(100-500 ml/min) Flow Rate (ml/min)
0	29.92	14.59	5.96	2.49	74	3.35	502	300
5	29.92	15.11	6.14	2.57	12	2.41	374	250
10	29.92	15.93	6.27	2.64	-32	1.96	350	400
15	29.94	15.95	6.31	2.62	-46	1.87	328	400
20	29.92	15.79	6.34	2.65	-56	1.56	298	400
25	29.92	15.69	6.36	2.68	-63	1.91	256	400
30	29.93	15.59	6.37	2.70	-68	1.04	204	400
35	29.92	15.49	6.38	2.71	-71	0.94	150	450
40	29.92	15.34	6.39	2.72	-74	0.83	145	450
45	29.92	15.26	6.39	2.73	-75	0.67	107	450
50	29.92	15.22	6.39	2.73	-77	0.53	95.1	450
55	29.92	15.15	6.40	2.73	-78	0.30	63.3	500
60	29.92	15.06	6.40	2.73	-79	0.31	50.2	500
65	29.92	15.04	6.40	2.74	-80	0.14	53.5	500
70	29.29	15.04	6.40	2.74	-81	0.00	47.0	500
73	29.92	15.06	6.40	2.74	-81	0.00	44.0	500
76	29.92	15.07	6.40	2.75	-81	6.00	39.5	500

1135
1145

End Purge Time: 1157

Water sample: SCA-0045-01
 Time collected: 1205

Density Measurement Start 1.006 End 1.002
 Total volume of purged water removed: 11 gal

Physical appearance at start
 Color Light Gray
 Odor None
 Sheen/Free Product None

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

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

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date 5.8.12 Personnel A. Young Weather _____
 Site Name WB13 SCA Evacuation Method Low Flow Well # 513915-MW ~~885~~ 88J
 Site Location Camillus, NY Sampling Method Gruntfos Project # 48698

Well information:

Depth of Well * 54.95 ft.
 Depth to Water * 37.90 ft.
 Length of Water Column 26.05 ft.

* Measurements taken from

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

Start Purge Time: 10:28 10:30

SCA-0045-02

Elapsed Time (min.)	(0.3-ft) Depth To Water (ft)	(3%) Temperature (celsius)	(0.1) pH	(3%) Conductivity (ms/cm)	(10 mV) Oxidation Reduction Potential	(10%) Dissolved Oxygen (mg/l)	(10%) Turbidity (NTU)	(100-500 ml/min) Flow Rate (ml/min)
0	28.66	13.87	7.57	14.6	-205	0.00	489	1000
5	28.66	14.01	7.33	14.5	-186	0.00	207	540
10	28.65	14.18	7.22	14.5	-170	0.00	134	600
15	28.65	14.14	7.18	14.5	-167	0.00	76.3	500
20	28.65	14.18	7.15	14.4	-165	0.00	59.7	500
25	28.65	14.08	7.14	14.4	-164	0.00	47.6	470
30	28.65	14.10	7.13	14.5	-164	0.00	40.6	460
35	28.65	14.20	7.12	14.5	-164	0.00	27.5	460
40	28.65	14.22	7.11	14.5	-163	0.00	22.5	420
45	28.65	14.23	7.10	14.5	-163	0.00	19.7	420
48	28.65	14.24	7.10	14.4	-163	0.00	16.2	420

End Purge Time: 11:49

Water sample:

Time collected: 11:47

Physical appearance at start

Color cloudy
 Odor Ø

Sheen/Free Product Ø

Density Measurement

Start 1.008 End 1.008

Total volume of purged water removed:

9 gal

Physical appearance at sampling

Color clear
 Odor Ø

Sheen/Free Product Ø

Field Test Results:

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

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date 5.8.12 Personnel STW Weather W/S/Rainy
 Site Name WB13 SCA Evacuation Method Groundfos Well # SR15-mw-88D
 Site Location Camillus, NY Sampling Method Groundfos Project # 46688

Well information:

Depth of Well * 70.55 ft.
 Depth to Water * 78.10 ft.
 Length of Water Column 42.45 ft.

* Measurements taken from

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

SCA-0045-03

Pg. 1 of 2

Start Purge Time: 1030

Elapsed Time (min.)	(0.3-ft) Depth To Water (ft)	(3%) Temperature (celsius)	(0.1) pH	(3%) Conductivity (ms/cm)	(10 mV) Oxidation Reduction Potential	(10%) Dissolved Oxygen (mg/l)	(10%) Turbidity (NTU)	(100-500 ml/min) Flow Rate (ml/min)
0	28.31	15.57	6.30	23.6	-118	1.02	over	240
5	28.35	14.66	6.64	24.7	-134	0.08	over	290
10	28.35	14.90	6.75	25.10	-142	0.00	over	300
15	28.35	15.11	6.80	25.9	-143	0.00	over	320
20	28.33	15.25	6.82	16.7	-139	0.00	over	240
25	28.31	15.10	6.81	18.4	-130	0.00	over	140
30	28.33	14.80	6.84	18.2	-130	0.00	over	100
35	28.33	14.46	6.89	19.3	-143	0.00	889	260
40	28.33	15.23	6.90	19.6	-148	0.00	798	280
45	28.33	15.19	6.91	16.3	-152	0.00	593	290
50	28.33	15.21	6.92	16.4	-153	0.00	496	300
55	28.33	15.31	6.93	17.4	-156	0.00	572	300
60	28.34	15.39	6.94	17.2	-158	0.00	350	300
65	28.34	15.44	6.95	18.2	-162	0.00	317	300
70	28.34	15.46	6.96	20.4	-164	0.00	286	300
75	28.34	15.46	6.96	20.0	-165	0.00	255	300
80	28.42	15.52	6.97	19.9	-167	0.00	246	300
85	28.37	15.79	6.94	9.26	-171	0.00	354	340 340
90	28.34	15.62	6.99	10.80	-173	0.00	419	300
95	28.34	15.67	6.99	9.01	-173	0.00	327	300
100	28.33	15.82	6.97	2.75	-167	0.00	253	200
105	28.32	15.84	6.99	6.25	-169	0.00	226	200
110	28.30	15.90	7.01	9.22	-172	0.00	178	130

1035

Sp6 1.012

End Purge Time: _____

Water sample: _____ Density Measurement Start _____ End _____

Time collected: _____ Total volume of purged water removed: _____

Physical appearance at start
 Color cloudy (brownish)
 Odor none
 Sheen/Free Product none

Physical appearance at sampling
 Color _____
 Odor _____
 Sheen/Free Product _____

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

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

Date 5/8/12
 Site Name WB13 SCA
 Site Location Camillus, NY

Personnel STW
 Evacuation Method Grundfos
 Sampling Method Grundfos

Weather WDS / Rainy
 Well # SB915-mw-89D
 Project # 46698

Well information:

Depth of Well * 70.55 ft.
 Depth to Water * 28.10 ft.
 Length of Water Column 42.45 ft.

* Measurements taken from

<input checked="" type="checkbox"/>	Top of Well Casing
<input type="checkbox"/>	Top of Protective Casing
<input type="checkbox"/>	(Other, Specify)

SCA-0015-03

Pg. 2 of 2

Start Purge Time: _____

Elapsed Time (min.)	(0.3-ft) Depth To Water (ft)	(3%) Temperature (celsius)	(0.1) pH	(3%) Conductivity (ms/cm)	(10 mV) Oxidation Reduction Potential	(10%) Dissolved Oxygen (mg/l)	(10%) Turbidity (NTU)	(100-500 ml/min) Flow Rate (ml/min)
115	28.30	15.85	7.00	11.6	-173	0.00	157	160
120	28.29	15.88	7.01	16.52	-172	0.00	140	100
125	28.29	15.90	7.01	3.47	-172	0.00	128	120
130	28.30	15.93	7.06	12.8	-170	0.00	126	130
135	28.30	15.92	7.02	13.5	-171	0.00	109	140
140	28.30	15.93	7.04	12.6	-172	0.00	105	160
145	28.30	15.97	7.02	18.3	-171	0.00	100	160
150	28.30	15.97	7.02	17.8	-171	0.00	90.3	180
155	28.29	15.98	7.02	17.7	-170	0.00	99.4	180
160	28.30	16.00	7.02	16.8	-170	0.00	126	190
165	28.30	16.01	7.02	16.5	-168	0.00	80.1	180
168	28.29	16.01	7.02	15.8	-169	0.00	33.3	180
171	28.29	16.02	7.02	17.5	-169	0.00	61.9	190
174	28.30	16.02	7.02	16.9	-170	0.00	58.4	180

1.012

End Purge Time: 1402

Water sample: _____
 Time collected: 1400

Density Measurement Start 1.012 End 1.012
 Total volume of purged water removed: ~11

Physical appearance at start
 Color _____
 Odor _____
 Sheen/Free Product _____

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

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

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date 5.8.12 Personnel EBR Weather Rain 60°
 Site Name WB13 SCA Evacuation Method _____ Well # 5B915-MW-88RR
 Site Location Camillus, NY Sampling Method Grundfos Project # 46698

Well information:

Depth of Well * 111.41 ft.
 Depth to Water * 27.90 ft.
 Length of Water Column 83.51 ft.

* Measurements taken from

<input checked="" type="checkbox"/>	Top of Well Casing
<input type="checkbox"/>	Top of Protective Casing
<input type="checkbox"/>	(Other, Specify)

Start Purge Time: 1030

Elapsed Time (min.)	(0.3-ft) Depth To Water (ft)	(3%) Temperature (celsius)	(0.1) pH	(3%) Conductivity (ms/cm)	(10 mV) Oxidation Reduction Potential	(10%) Dissolved Oxygen (mg/l)	(10%) Turbidity (NTU)	(100-500 ml/min) Flow Rate (ml/min)	
0	27.11	13.59	8.10	33.5	-105	0.00	78.6	240	1.026
5	30.37	13.63	7.63	39.1	-202	0.00	61.0	160	1.028
10	30.55	13.34	7.20	40.2	-152	0.00	43.8	100	1.028
15	30.55	13.52	7.12	40.6	-143	0.00	37.1	180	1.030
20	30.56	13.20	7.06	43.2	-136	0.00	28.7	140	1.031
25	30.49	13.12	6.97	46.8	-125	0.00	19.5	180	1.031
30	30.54	13.16	6.95	48.2	-117	0.00	15.2	200	1.036
35	30.64	13.16	6.90	45.4	-110	0.00	11.4	160	1.036
40	30.68	13.18	6.88	47.8	-104	0.00	8.2	160	1.036
45	30.68	13.11	6.86	47.6	-100	0.00	6.8	160	1.036
50	30.69	13.18	6.85	48.3	-94	0.00	5.2	160	1.036
55	30.75	13.23	6.84	48.7	-93	0.00	4.5	160	1.038
60	30.88	12.93	6.86	50.4	-90	0.00	4.4	220	1.038
65	31.15	12.89	6.85	50.6	-88	0.00	3.8	210	1.038
70	31.12	12.97	6.86	50.3	-88	0.00	2.6	200	1.038

End Purge Time: 1140

Water sample: _____ Density Measurement Start 1.026 End 1.038
 Time collected: 1240 Total volume of purged water removed: 4 gals.

Physical appearance at start
 Color Cloudy
 Odor None
 Sheen/Free Product None

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

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

5B915-0045-04

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date 5/9/12 Personnel STW Weather 60/overcast
 Site Name WB13 SCA Evacuation Method Grundfos Well # SB915-MW-895
 Site Location Camillus, NY Sampling Method Grundfos Project # 48698

Well information:

Depth of Well * 34.35 ft. * Measurements taken from SCA-0046-01
 Depth to Water * 27.55 ft. X Top of Well Casing p.1 of 2
 Length of Water Column 6.80 ft. _____ Top of Protective Casing
 (Other, Specify) _____

Start Purge Time: 1015

Elapsed Time (min.)	(0.3-ft) Depth To Water (ft)	(3%) Temperature (celsius)	(0.1) pH	(3%) Conductivity (ms/cm)	(10 mV) Oxidation Reduction Potential	(10%) Dissolved Oxygen (mg/l)	(10%) Turbidity (NTU)	(100-500 ml/min) Flow Rate (ml/min)
0	27.00	15.54	6.94	1.85	109	0.00	over	100
5	27.00	15.64	6.99	1.93	42	0.00	over	360
15	27.62	19.25	7.03	2.03	-2	0.00	over	80
NEW PUMP								
30	27.59	18.45	7.12	1.92	54	0.00	over	180
35	27.59	18.04	7.02	1.91	14	0.00	over	220
40	27.52	17.84	7.01	1.98	-8	0.00	over	260
45	27.52	17.94	7.01	2.00	-9	0.00	over	320
50	27.52	17.96	7.01	1.99	-6	0.00	over	140
55	27.51	17.95	7.01	1.97	-3	0.00	over	200
60	27.50	17.88	7.01	1.99	-9	0.00	335	140
65	27.52	17.86	7.01	2.01	-10	0.00	565	180
70	27.53	17.87	7.01	2.03	-12	0.00	459	200
75	27.53	17.92	7.01	2.02	-12	0.00	339	200
80	27.54	18.00	7.01	2.03	-11	0.00	260	200
85	27.54	18.11	7.01	2.02	-10	0.00	229	200
90	27.54	18.22	7.01	2.02	-10	0.00	179	140
95	27.54	18.40	7.01	2.02	-10	0.00	164	140
100	27.54	18.56	7.02	2.01	-10	0.00	154	140
105	27.54	18.74	7.02	2.02	-14	0.00	131	110
110	27.54	18.94	7.02	2.02	-15	0.00	105	140
115	27.54	19.12	7.02	2.02	-15	0.00	86.4	140
120	27.54	19.33	7.02	2.02	-15	0.00	72.2	140

SP6
1.004

1.002

End Purge Time: _____

Water sample: Density Measurement Start 1.004 End 1.000
 Time collected: 1304 Total volume of purged water removed: 7 gallons
 Physical appearance at start: Color slightly light brown Physical appearance at sampling: Color clear
 Odor none Odor no
 Sheen/Free Product none Sheen/Free Product no

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

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

Date 5-9-12 Personnel STW Weather ~65°F Rain / clouds
 Site Name WB13 SCA Evacuation Method Gravelos Well # JB915-MW-895
 Site Location Camillus, NY Sampling Method Gravelos Project # 46698

Well information:
 Depth of Well * 34.35 ft.
 Depth to Water * 27.55 ft.
 Length of Water Column 6.80 ft.
 * Measurements taken from SCA-0046-01 p. 2 of 2
 Top of Well Casing
 Top of Protective Casing
 (Other, Specify)

Start Purge Time: 1015

Elapsed Time (min.)	(0.3-ft) Depth To Water (ft)	(3%) Temperature (celsius)	(0.1) pH	(3%) Conductivity (ms/cm)	(10 mV) Oxidation Reduction Potential	(10%) Dissolved Oxygen (mg/l)	(10%) Turbidity (NTU)	(100-500 ml/min) Flow Rate (ml/min)
<u>125</u>	<u>27.54</u>	<u>19.51</u>	<u>7.02</u>	<u>2.01</u>	<u>-13</u>	<u>0.00</u>	<u>67.6</u>	<u>140</u>
<u>130</u>	<u>27.54</u>	<u>19.67</u>	<u>7.02</u>	<u>2.00</u>	<u>-11</u>	<u>0.00</u>	<u>56.1</u>	<u>140</u>
<u>133</u>	<u>27.54</u>	<u>19.77</u>	<u>7.03</u>	<u>2.00</u>	<u>-10</u>	<u>0.00</u>	<u>54.9</u>	<u>140</u>
<u>136</u>	<u>27.54</u>	<u>19.85</u>	<u>7.02</u>	<u>2.00</u>	<u>-10</u>	<u>0.00</u>	<u>52.9</u>	<u>140</u>

SPG
1.000

End Purge Time: 1305

Water sample: Density Measurement Start 1.004 End 1.000
 Time collected: 1304 Total volume of purged water removed: _____
 Physical appearance at start: Color cloudy light brown
 Odor NO Physical appearance at sampling: Color clear
 Sheen/Free Product NO Odor NO
 Sheen/Free Product NO

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

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date: 5.9.12 Personnel: JAK Weather: Overcast ~ 60°F
 Site Name: WB13 SCA Evacuation Method: 2" Groundfos Well #: SB915-MW ~~891~~ 89I
 Site Location: Camillus, NY Sampling Method: _____ Project #: 46698

Well information:

Depth of Well * 55.85 ft.
 Depth to Water * 27.53 ft.
 Length of Water Column 28.32 ft.

* Measurements taken from

<input checked="" type="checkbox"/>	Top of Well Casing
<input type="checkbox"/>	Top of Protective Casing
<input type="checkbox"/>	(Other, Specify)

Start Purge Time: 1020

Elapsed Time (min.)	(0.3-ft) Depth To Water (ft)	(3%) Temperature (celsius)	(0.1) pH	(3%) Conductivity (ms/cm)	(10 mV) Oxidation Reduction Potential	(10%) Dissolved Oxygen (mg/l)	(10%) Turbidity (NTU)	(100-500 ml/min) Flow Rate (ml/min)
0	27.59	14.33	6.78	7.84	33	0.00	over range	560
5	27.61	14.59	6.85	8.03	-15	0.00	over range	260
10	27.60	14.41	6.88	8.19	-36	0.00	941	320
15	27.60	15.08	6.90	8.25	-46	0.00	over range	220
20	27.60	15.00	6.93	8.34	-52	0.00	959	280
25	27.60	15.26	6.94	8.33	-54	0.00	over range	320
30	27.61	15.29	6.95	8.35	-54	0.00	over range	340
35	27.61	15.25	6.96	8.35	-53	0.00	875	340
40	27.62	15.19	6.95	8.38	-51	0.00	904	380
45	27.62	15.14	6.93	8.40	-47	0.00	688	380
50	27.62	15.06	6.91	8.43	-44	0.00	566	380
55	27.62	15.03	6.91	8.45	-43	0.00	408	380
60	27.62	14.99	6.92	8.47	-41	0.00	302	380
65	27.62	15.00	6.94	8.49	-38	0.00	234	380
70	27.62	14.98	6.95	8.53	-38	0.00	171	380
75	27.62	15.03	6.95	8.55	-37	0.00	135	380
80	27.62	15.04	6.96	8.57	-35	0.00	99.6	380
85	27.62	15.13	6.96	8.60	-34	0.00	75.4	380
90	27.62	15.26	6.97	8.63	-33	0.00	55.5	380
95	27.62	15.25	7.00	8.67	-33	0.00	42.5	380
100	27.62	15.28	7.01	8.70	-33	0.00	38.1	380
105	27.62	15.37	7.03	8.72	-33	0.00	28.4	380
110	27.62	15.45	7.03	8.74	-33	0.00	22.8	380

End Purge Time: 1235

Water sample: SCA-0046-02
 Time collected: 1235

Density Measurement Start 1.006 End 1.004
 Total volume of purged water removed: 12 gal

Physical appearance at start

Color: cloudy
 Odor: NONE
 Sheen/Free Product: NONE

Physical appearance at sampling

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

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

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date: 5/9/12 Personnel: A. Young Weather: _____
 Site Name: WB13 SCA Evacuation Method: Low Flow Well #: S13915-MW-89D
 Site Location: Camillus, NY Sampling Method: Groundwater Project #: 46698

Well information:

Depth of Well * 75.43 ft. * Measurements taken from _____
 Depth to Water * 27.61 ft. _____ Top of Well Casing
 Length of Water Column _____ ft. _____ Top of Protective Casing
 (Other, Specify) _____

Start Purge Time: 1018 SCA-0046-03

Elapsed Time (min.)	(0.3-ft) Depth To Water (ft)	(3%) Temperature (celsius)	(0.1) pH	(3%) Conductivity (ms/cm)	(10 mV) Oxidation Reduction Potential	(10%) Dissolved Oxygen (mg/l)	(10%) Turbidity (NTU)	(100-500 ml/min) Flow Rate (ml/min)	
0	27.65	14.62	6.09	15.1	-42	0.00	overrange	870	1.010
5	27.65	15.58	6.33	16.4	-38	0.00	overrange	360	
10	27.66	15.65	6.37	16.6	-42	0.00	overrange	400	1.010
15	27.66	15.96	6.40	17.0	-42	0.00	overrange	400	
20	27.65	16.00	6.41	17.1	-41	0.00	overrange	400	1.008
25	27.65	15.98	6.42	17.0	-41	0.00	overrange	360	
30	27.65	15.98	6.43	17.0	-41	0.00	933	400	1.010
35	27.65	15.99	6.43	17.0	-41	0.00	630	400	
40	27.65	15.94	6.43	17.1	-40	0.00	404	410	1.008
45	27.65	15.91	6.43	17.2	-38	0.00	292	410	
50	27.65	15.86	6.43	17.2	-37	0.00	155	420	1.008
55	27.65	15.85	6.43	17.2	-36	0.00	106	460	
60	27.65	15.80	6.44	17.2	-36	0.00	64.5	460	1.008
65	27.65	15.85	6.44	17.2	-35	0.00	48.0	460	
70	27.65	15.83	6.44	17.3	-35	0.00	40.3	460	1.010
73	27.65	15.84	6.44	17.3	-34	0.00	32.5	460	
76	27.65	15.88	6.44	17.3	-34	0.00	28.5	460	1.010
79	27.65	15.87	6.44	17.2	-34	0.00	23.5	460	1.010

End Purge Time: 1202

Water sample: SCA-0046-03 Density Measurement Start 1.010 End 1.010
 Time collected: 1158 Total volume of purged water removed: 12 gal

Physical appearance at start
 Color: turbid - white/gray
 Odor: Ø
 Sheen/Free Product: Ø

Physical appearance at sampling
 Color: clear
 Odor: Ø
 Sheen/Free Product: Ø

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

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date 5/9/12 Personnel KJK Weather Overcast - 60s
 Site Name WB13 SCA Evacuation Method Groundwater Well # 58915-MW-89RR
 Site Location Camillus, NY Sampling Method Groundwater Project # 46698

Well information:

Depth of Well * _____ ft. * Measurements taken from
 Depth to Water * 27.46 ft. Top of Well Casing
 Length of Water Column _____ ft. Top of Protective Casing
 _____ (Other, Specify)

Start Purge Time: 1025

Elapsed Time (min.)	(0.3-ft) Depth To Water (ft)	(3%) Temperature (celsius)	(0.1) pH	(3%) Conductivity (ms/cm)	(10 mV) Oxidation Reduction Potential	(10%) Dissolved Oxygen (mg/l)	(10%) Turbidity (NTU)	(100-500 ml/min) Flow Rate (ml/min)	
0	27.78	17.54	5.77	23.1	161	2.21	45.6	400	1.010
5	27.93	16.82	6.30	88.3	-104	0.00	533	400	1.048
10	28.40	16.28	6.77	94.0	-127	0.00	63.0	600	1.046
15	28.41	16.26	6.83	93.8	-130	0.00	107	350	1.046
20	28.10	16.23	6.92	91.7	-132	0.00	64.4	300	1.046
25	28.06	16.19	6.95	91.1	-132	0.00	98.2	300	1.046
30	28.01	16.14	6.97	91.1	-131	0.00	102	300	1.044
35	27.97	16.10	6.98	91.2	-131	0.00	143	300	1.044
40	27.95	16.05	7.00	91.3	-130	0.00	137	250	1.044
45	27.92	15.98	7.01	91.3	-129	0.00	11.1	200	1.046
50	27.93	15.94	7.02	91.5	-129	0.00	108	200	1.044
55	27.90	15.88	7.03	91.5	-130	0.00	122	200	1.044
60	28.06	15.81	7.04	91.7	-130	0.00	82.1	400	1.044
65	28.05	15.72	7.05	91.8	-131	0.00	69.5	300	1.044
70	28.24	15.71	7.06	92.1	-132	0.00	40.4	400	1.044
75	28.37	15.70	7.07	92.8	-133	0.00	52.1	500	1.044
80	28.34	15.78	7.07	91.9	-134	0.00	33.8	500	1.044
85	28.27	15.89	7.06	91.7	-134	0.00	32.7	400	1.044
90	28.19	16.17	7.06	90.7	-134	0.00	2.63	400	1.044
93	28.24	16.20	7.06	90.8	-134	0.00	62.3	400	1.044
96	28.27	16.33	7.07	89.0	-134	0.00	13.5	400	1.044
99	28.28	16.42	7.07	89.6	-134	0.00	6.72	375	1.044
102	28.30	16.53	7.07	89.0	-134	0.00	4.90	375	1.044

End Purge Time: 1207

Water sample: SCA-0046-04

Time collected: 1228

Physical appearance at start

Color Clear
 Odor None
 Sheen/Free Product None

Density Measurement

Start 1.010 End 1.044

Total volume of purged water removed:

11 gal

Physical appearance at sampling

Color Clear
 Odor None
 Sheen/Free Product None

Field Test Results:

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

New turbidity meter

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date 5/10/12 Personnel LSJL Weather Scattered Showers - low 50s
 Site Name WB13 SCA Evacuation Method Groundwater Well # SB915-MW-90S
 Site Location Camillus, NY Sampling Method Groundwater Project # 46698

Well information:

Depth of Well * 33.03 ft. *v, 163 - 1.5 gal*
 Depth to Water * 23.89 ft. *x 3* * Measurements taken from
 Length of Water Column 9.14 ft. *4.5 gal*

<input checked="" type="checkbox"/>	Top of Well Casing
<input type="checkbox"/>	Top of Protective Casing
<input type="checkbox"/>	(Other, Specify)

Start Purge Time: 1030

Elapsed Time (min.)	(0.3-ft) Depth To Water (ft)	(3%) Temperature (celsius)	(0.1) pH	(3%) Conductivity (ms/cm)	(10 mV) Oxidation Reduction Potential	(10%) Dissolved Oxygen (mg/l)	(10%) Turbidity (NTU)	(100-500 ml/min) Flow Rate (ml/min)	
0	23.91	11.68	6.57	7.63	-87	0.00	985	460	1.004
5	23.91	12.46	6.76	7.67	-97	0.00	193	460	1.004
10	23.91	12.68	6.81	7.68	-99	0.00	180	440	1.004
15	23.91	12.72	6.83	7.68	-101	0.00	213	440	1.004
20	23.91	12.86	6.85	7.68	-101	0.00	296	500	1.006
25	23.91	12.79	6.86	7.65	-101	0.00	289	380	1.004
30	23.91	13.06	6.87	7.60	-100	0.00	331	420	1.004
35	23.91	13.17	6.88	7.54	-100	0.00	362	400	1.002
40	23.91	13.26	6.88	7.50	-99	0.00	407	400	1.004
45	23.91	13.26	6.89	7.49	-99	0.00	398	400	1.004
50	23.91	13.22	6.89	7.46	-98	0.00	388	440	1.004
55	23.91	13.07	6.90	7.43	-98	0.00	320	420	1.004
60	23.91	13.10	6.90	7.43	-97	0.00	286	420	1.004
65	23.91	13.09	6.90	7.41	-97	0.00	224	420	1.004
70	23.91	13.04	6.91	7.41	-97	0.00	160	420	1.002
75	23.91	13.01	6.91	7.40	-96	0.00	116	420	1.002
80	23.91	12.95	6.91	7.39	-96	0.00	89.3	420	1.002
85	23.91	12.95	6.91	7.37	-96	0.00	64.1	420	1.002
90	23.91	12.92	6.91	7.37	-95	0.00	54.8	440	1.002
95	23.91	12.91	6.92	7.36	-95	0.00	35.6	440	1.002
100	23.91	12.88	6.92	7.36	-94	0.00	45.1	440	1.002

End Purge Time: 1210

Water sample: SCA-0047-01

Time collected: 1225

Physical appearance at start

Color Light Brown
 Odor None

Sheen/Free Product None

Density Measurement

Start 1.004

End 1.002

Total volume of purged water removed:

Physical appearance at sampling

Color Clear
 Odor None

Sheen/Free Product None

Field Test Results:

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

(105.70 Hz)

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date 5/10/12 Personnel STW Weather 50/overcast
 Site Name WB13 SCA Evacuation Method Grundfos Well # SB915-MW-90 I
 Site Location Camillus, NY Sampling Method Grundfos Project # 46698

Well information:

SCA-0047-02

Depth of Well * _____ ft.
 Depth to Water * 25.25 ft.
 Length of Water Column _____ ft.

*** Measurements taken from**

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

Start Purge Time: 1025

Elapsed Time (min.)	(0.3-ft) Depth To Water (ft)	(3%) Temperature (celsius)	(0.1) pH	(3%) Conductivity (ms/cm)	(10 mV) Oxidation Reduction Potential	(10%) Dissolved Oxygen (mg/l)	(10%) Turbidity (NTU)	(100-500 ml/min) Flow Rate (ml/min)
0	25.30	13.55	6.70	10.9	-36	0.00	901	420
5	25.32	13.53	6.96	11.2	-73	0.00	over	460
10	25.32	13.49	7.09	11.2	-84	0.00	805	360
15	25.30	13.28	7.16	11.2	-85	0.00	444	360
20	25.30	13.25	7.02	11.3	-87	0.00	235	380
25	25.30	13.24	7.22	11.3	-90	0.00	158	400
30	25.31	13.18	7.24	11.3	-91	0.00	90.6	400
35	25.30	13.15	7.25	11.3	-93	0.00	56.5	400
40	25.30	13.13	7.25	11.2	-94	0.00	35.7	400
45	25.30	13.13	7.26	11.2	-95	0.00	26.0	400
50	25.30	13.10	7.26	11.1	-96	0.00	22.5	400
53	25.30	13.09	7.26	11.1	-96	0.00	16.8	400
56	25.30	13.08	7.26	11.1	-97	0.00	15.5	400
59	25.30	13.04	7.26	11.1	-97	0.00	12.1	400
62	25.30	13.04	7.26	11.1	-98	0.00	9.79	400
65	25.30	13.04	7.26	11.1	-99	0.00	10.6	400
68	25.30	13.05	7.26	11.1	-99	0.00	10.2	400

1030

SPG 1.004

1.004

End Purge Time: 1156

Water sample:

Density Measurement

Start 1.004 End 1.004

Time collected: 1155

Total volume of purged water removed:

~11 gal

Physical appearance at start

Physical appearance at sampling

Color slightly cloudy
 Odor none

Color clear
 Odor none

Sheen/Free Product none

Sheen/Free Product none

Field Test Results:

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

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date 5/10/12 Personnel JAK Weather Overcast, Light Rain
 Site Name WB13 SCA Evacuation Method Ground FOS Well # SB915-WB-04L
 Site Location Camillus, NY Sampling Method _____ Project # 46698

Well information:

Depth of Well * 102.32 ft.
 Depth to Water * 24.19 ft.
 Length of Water Column ~~78.13~~ 78.13 ft.

* Measurements taken from

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

Start Purge Time: 1025

Elapsed Time (min.)	(0.3-ft) Depth To Water (ft)	(3%) Temperature (celsius)	(0.1) pH	(3%) Conductivity (ms/cm)	(10 mV) Oxidation Reduction Potential	(10%) Dissolved Oxygen (mg/l)	(10%) Turbidity (NTU)	(100-500 ml/min) Flow Rate (ml/min)
0	24.19	11.58	7.78	22.2	-172	2.90	27.5	500 1.010
5	24.19	12.30	7.31	22.7	-159	0.00	10.6	450
10	24.19	12.48	7.20	23.0	-161	0.00	5.48	480 1.010
15	24.19	12.55	7.18	23.1	-162	0.00	4.98	480
20	24.19	12.63	7.15	23.2	-164	0.00	9.82	480 1.010
25	24.19	12.74	7.12	23.2	-162	0.00	13.5	480
30	24.19	12.84	6.99	24.5	-142	0.00	17.7	480 1.010
35	24.19	12.88	6.94	24.9	-139	0.00	9.74	480
40	24.19	12.94	6.92	24.9	-139	0.00	5.43	480 1.010
45	24.19	12.95	6.92	25.0	-139	0.00	4.10	480

End Purge Time: 1130 SCA-0047-03

Water sample: _____ Density Measurement Start 1.010 End 1.010
 Time collected: 1130 Total volume of purged water removed: 9.0 gal
 Physical appearance at start _____ Physical appearance at sampling _____
 Color Clear Color Clear
 Odor NONE Odor NONE
 Sheen/Free Product NONE Sheen/Free Product NONE

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

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date 5/10/12 Personnel A. Young Weather _____
 Site Name WB13 SCA Evacuation Method Low Flow Well # SR916-MW-908R
 Site Location Camillus, NY Sampling Method Grounds / Low Flow Project # 46698

Well information:

Depth of Well * 131.58 ft.
 Depth to Water * 26.78 ft.
 Length of Water Column _____ ft.

* Measurements taken from

<input checked="" type="checkbox"/>	Top of Well Casing
<input type="checkbox"/>	Top of Protective Casing
<input type="checkbox"/>	(Other, Specify)

Start Purge Time: 1033

SCA-0047-04

Elapsed Time (min.)	(0.3-ft) Depth To Water (ft)	(3%) Temperature (celsius)	(0.1) pH	(3%) Conductivity (ms/cm)	(10 mV) Oxidation Reduction Potential	(10%) Dissolved Oxygen (mg/l)	(10%) Turbidity (NTU)	(100-500 ml/min) Flow Rate (ml/min)
0	26.05	11.76	5.54	78.3	165	7.20	376	1160
5	35.67	11.57	6.34	63.7	6	0.00	237	400
10	35.60	11.28	6.44	64.2	18	0.00	351	320
15	35.52	11.26	6.48	64.6	-34	0.00	366	340
20	35.56	11.31	6.55	65.0	-63	0.00	244	340
25	35.66	11.36	6.62	63.4	-80	0.00	121	340
30	35.75	11.48	6.72	61.6	-103	0.00	68.9	340
35	35.72	11.52	6.86	60.6	-128	0.00	49.5	340
40	35.63	11.55	6.95	60.1	-140	0.00	39.9	340
45	35.63	11.54	7.01	59.8	-147	0.00	35.7	340
50	35.55	11.55	7.05	59.5	-151	0.00	29.2	340
53	35.53	11.51	7.07	59.3	-154	0.00	27.0	340
56	35.50	11.50	7.08	59.0	-155	0.00	23.2	330

1.030
1.030
1.032
1.032
1.032
1.030
1.030

End Purge Time: 1201

Water sample:

Time collected: 1159

Density Measurement

Start 1.030 End 1.030
 Total volume of purged water removed: 8.5 gal

Physical appearance at start

Color slightly turbid-brown
 Odor Ø

Physical appearance at sampling

Color clear
 Odor Ø

Sheen/Free Product

Ø

Sheen/Free Product

Ø

Field Test Results:

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

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

Date 5/15/12
 Site Name WB13 SCA
 Site Location Camillus, NY

Personnel JAK
 Evacuation Method Grundfos
 Sampling Method Low-Flow

Weather overcast, ~60°F
 Well # SB915-MW-915
 Project # 46698

Well information:

Depth of Well * 43.95 ft.
 Depth to Water * 22.50 ft.
 Length of Water Column 21.45 ft.

* Measurements taken from
 Top of Well Casing
 Top of Protective Casing
 (Other, Specify)

Start Purge Time: 1015

Elapsed Time (min.)	(0.3-ft) Depth To Water (ft)	(3%) Temperature (celsius)	(0.1) pH	(3%) Conductivity (ms/cm)	(10 mV) Oxidation Reduction Potential	(10%) Dissolved Oxygen (mg/l)	(10%) Turbidity (NTU)	(100-500 ml/min) Flow Rate (ml/min)
0	24.74	13.81	12.59	51.5	-244	0.35	108	100
5	24.75	14.09	12.60	51.5	-250	0.00	106	150
10	24.75	14.57	12.60	51.7	-254	0.00	96.5	150
15	24.73	15.08	12.59	51.6	-255	0.00	73.0	150
20	24.71	15.43	12.59	51.6	-253	0.00	83.1	150
25	24.75	15.46	12.59	51.1	-257	0.00	82.1	150
30	24.71	15.58	12.59	50.7	-257	0.00	90.2	150
35	24.77	15.33	12.60	50.7	-259	0.00	82.9	150
40	24.74	15.66	12.59	50.2	-260	0.00	60.4	150
45	24.78	15.53	12.60	50.4	-260	0.00	50.3	150
50	24.77	15.91	12.59	49.9	-262	0.00	37.0	150
55	24.78	15.92	12.59	50.1	-262	0.00	29.7	150
60	24.79	16.02	12.58	49.7	-264	0.00	24.1	150
65	24.79	16.00	12.59	49.8	-264	0.00	20.2	150

1.024
1.023
1.024
1.023
1.023
1.023
1.022
1.022
1.022

End Purge Time: 1210

SCA-0050-01

Water sample:
 Time collected: 1205
 Physical appearance at start
 Color cloudy
 Odor NONE
 Sheen/Free Product NONE

Density Measurement Start 1.024 End 1.022
 Total volume of purged water removed: 5.0 gal
 Physical appearance at sampling
 Color Clear
 Odor NONE
 Sheen/Free Product NONE

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

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date 5/15/12 Personnel AKM Weather 70° overcast humid
 Site Name WB13 SCA Evacuation Method Grndfns Well # S895-MW-91SN
 Site Location Camillus, NY Sampling Method low flow Project # 46698

Well information:

Depth of Well * 90.40 ft. * Measurements taken from SCA-0050-02
 Depth to Water * 76.49 ft. Top of Well Casing
 Length of Water Column 13.91 ft. Top of Protective Casing
 (Other, Specify)

Start Purge Time: 1025

Elapsed Time (min.)	(0.3-ft) Depth To Water (ft)	(3%) Temperature (celsius)	(0.1) pH	(3%) Conductivity (ms/cm)	(10 mV) Oxidation Reduction Potential	(10%) Dissolved Oxygen (mg/l)	(10%) Turbidity (NTU)	(100-500 ml/min) Flow Rate (ml/min)	Density
0	76.72	18.60	8.38	23.8	-121	0.97	164	420	1.016
5	76.72	17.41	8.07	22.6	-147	0.43	60.7	500	1.012
10	76.74	17.23	7.40	16.7	-124	0.05	42.0	500	1.000
15	76.72	17.22	7.14	14.1	-109	0.00	32.1	480	1.006
20	76.72	17.26	7.06	12.8	-101	0.00	32.1	460	1.006
25	76.70	17.36	7.00	11.8	-96	0.00	21.3	440	1.004
30	76.70	17.44	6.98	11.5	-93	0.00	22.4	420	1.004
35	76.68	17.59	6.97	10.8	-92	0.00	25.9	360	1.004
40	76.70	17.72	6.95	10.5	-90	0.00	25.8	400	1.004
45	76.70	17.86	6.94	9.6	-88	0.00	15.5	400	1.004
50	76.69	18.09	6.92	9.4	-86	0.00	12.0	400	1.004
55	76.69	18.21	6.91	9.12	-85	0.00	10.7	400	1.004
60	76.70	18.37	6.90	8.85	-83	0.00	9.65	400	1.004

End Purge Time: 1128

Water sample: _____ Density Measurement Start 1.016 End 1.004
 Time collected: 1150 Total volume of purged water removed: 8

Physical appearance at start light murky grey Physical appearance at sampling Clear
 Color murky grey Color Clear
 Odor sulfur Odor Slight odor of sulfur
 Sheen/Free Product none Sheen/Free Product none

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

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date 5/15/12 Personnel A. Young Weather Overcast ~65°
 Site Name WB13 SCA Evacuation Method Low Flow/Ground Gas Well # SB915-MW-91E
 Site Location Camillus, NY Sampling Method ↓ Project # 46698

Well information:

Depth of Well * 127.88 ft. * Measurements taken from
 Depth to Water * 76.12 ft. Top of Well Casing
 Length of Water Column 51.76 ft. Top of Protective Casing
 (Other, Specify)

Start Purge Time: 10:19 SCA-0050-03

Elapsed Time (min.)	(0.3-ft) Depth To Water (ft)	(3%) Temperature (celsius)	(0.1) pH	(3%) Conductivity (ms/cm)	(10 mV) Oxidation Reduction Potential	(10%) Dissolved Oxygen (mg/l)	(10%) Turbidity (NTU)	(100-500 ml/min) Flow Rate (ml/min)	
0	76.12	13.63	7.28	7.52	-103	7.73	71000	300	1.006
5	76.08	13.24	7.17	8.01	-100	6.08	71000	400	1.006
10	76.09	13.71	7.13	8.09	-97	5.23	990	410	1.004
15	76.10	14.22	7.12	8.11	-95	4.52	579	440	1.004
20	76.10	14.26	7.10	8.12	-92	2.97	335	420	1.006
25	76.12	14.32	7.09	8.13	-91	2.82	215	400	1.006
30	76.12	14.29	7.09	8.12	-90	2.23	167	400	1.006
35	76.12	14.43	7.09	8.12	-90	1.59	118	400	1.006
40	76.12	14.47	7.08	8.11	-90	1.03	87.5	400	1.004
45	76.12	14.61	7.08	8.11	-90	0.46	63.0	400	1.004
50	76.12	14.69	7.08	8.11	-89	0.04	48.2	400	1.004
55	76.12	14.79	7.07	8.10	-88	0.00	47.9	400	1.004
60	76.12	14.85	7.07	8.10	-87	0.00	39.9	400	1.004
63	76.12	14.87	7.06	8.10	-87	0.00	36.2	400	1.004
66	76.12	14.91	7.06	8.10	-87	0.00	32.0	400	1.004

End Purge Time: 11:42 (197.5042)

Water sample: Density Measurement Start 1.006 End 1.004
 Time collected: 11:41 Total volume of purged water removed: 8 gal
 Physical appearance at start Physical appearance at sampling
 Color Slightly turbid/white Color clear
 Odor Ø Odor Ø
 Sheen/Free Product Ø Sheen/Free Product Ø

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

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date 5/15/12 Personnel KJK Weather Overcast ~65°F
 Site Name WB13 SCA Evacuation Method Groundfos Well # SRASB915-14W-91D
 Site Location Camillus, NY Sampling Method Groundfos Project # 46698

Well information:

Depth of Well * 136.19 ft.
 Depth to Water * 75.85 ft.
 Length of Water Column _____ ft.

* Measurements taken from

<input checked="" type="checkbox"/>	Top of Well Casing
<input type="checkbox"/>	Top of Protective Casing
<input type="checkbox"/>	(Other, Specify)

Start Purge Time: 1010

Elapsed Time (min.)	(0.3-ft) Depth To Water (ft)	(3%) Temperature (celsius)	(0.1) pH	(3%) Conductivity (ms/cm)	(10 mV) Oxidation Reduction Potential	(10%) Dissolved Oxygen (mg/l)	(10%) Turbidity (NTU)	(100-500 ml/min) Flow Rate (ml/min)
0	176.88	13.46	6.76	7.74	102	0.00	442	640
5	176.43	13.65	8.05	8.19	-30	0.00	290	480
10	176.45	12.67	8.25	8.02	-104	0.00	108	480
15	176.47	12.96	7.62	7.94	-102	0.00	32.2	480
20	176.47	13.24	7.42	7.89	-83	0.00	20.0	480
25	176.47	13.40	7.32	7.87	-73	0.00	15.7	480
30	176.51	13.47	7.28	7.87	-69	0.00	13.7	520
35	176.48	13.62	7.26	7.87	-68	0.00	12.0	490
40								

1.004
1.004
1.004
1.004
1.004
1.004
1.002
1.002

End Purge Time: 1045

Water sample: SCA-0050-05 = DUP
 Time collected: 1118 ~~SCA-0050-04~~

Density Measurement Start 1.004 End 1.002
 Total volume of purged water removed: ~60 gal

Physical appearance at start
 Color Clear
 Odor None
 Sheen/Free Product None

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

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

(193.00 Hz)

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date 5.7.12 Personnel JWB Weather _____
 Site Name WB13 SCA Evacuation Method Groutless Well # SR915-MW-91BR
 Site Location Camillus, NY Sampling Method Back Bailee Project # 48698

Well information:

Depth of Well * 209.95 ft. * Measurements taken from
 Depth to Water * 85.16 ft. Top of Well Casing
 Length of Water Column 124.79 ft. Top of Protective Casing
 (Other, Specify)

1x well volume: 20.3 gallons

Start Purge Time: 1220

Elapsed Time (min.)	(0.3-ft) Depth To Water (ft)	(3%) Temperature (celsius)	(0.1) pH	(3%) Conductivity (ms/cm)	(10 mV) Oxidation Reduction Potential	(10%) Dissolved Oxygen (mg/l)	(10%) Turbidity (NTU)	(100-500 ml/min) Flow Rate (ml/min)	Density
0	96.10	15.66	4.31	2100.0	225	0.72	21600	N/A	1.100
10	122.17	15.29	5.47	2100.0	61	0.00	79.4	NA	1.092
20	151.23	16.17	6.76	2100.0	-68	0.00	63.2	NA	1.090
30	171.00	17.03	7.38	2100.0	-153	0.00	61.8	NA	1.090
440	Dry								
5/8/12	1040 DTW: 93.05								
	Using Bailee to collect sample								
	Sample @ 1108								

End Purge Time: 1300

Water sample: _____ Density Measurement Start 1.100 End 1.090
 Time collected: 1108 on 5/8/12 Total volume of purged water removed: 20.6 gallon
 Physical appearance at start _____ Physical appearance at sampling _____
 Color Milky-gray Color clear
 Odor NO Odor NO
 Sheen/Free Product NO Sheen/Free Product NO

Field Test Results: Dissolved ferrous iron: _____ * Well Purged dry on 5.7.12 @ 1300
 Dissolved total iron: _____
 Dissolved total manganese: _____
 Dissolved Oxygen: _____

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date 5/16/12 Personnel A. Young Weather ~75°F Sun
Site Name WB13 SCA Evacuation Method Low Flow/Groundbox Well # SR915-MW-92S
Site Location Camillus, NY Sampling Method Project # 46698

Well information:

Depth of Well * 50.65 ft.
Depth to Water * 27.03 ft.
Length of Water Column 23.62 ft.
* Measurements taken from SCA-0051-01
Top of Well Casing
Top of Protective Casing
(Other, Specify)

Start Purge Time: 1016

Table with 9 columns: Elapsed Time (min.), (0.3-ft) Depth To Water (ft), (3%) Temperature (celsius), (0.1) pH, (3%) Conductivity (ms/cm), (10 mV) Oxidation Reduction Potential, (10%) Dissolved Oxygen (mg/l), (10%) Turbidity (NTU), (100-500 ml/min) Flow Rate (ml/min). Rows include data points from 0 to 40 minutes.

End Purge Time: 1147

(118.10 Hz)

Water sample: Time collected: 1145
Density Measurement Start 1.016 End 1.012
Total volume of purged water removed: 2gal
Physical appearance at start: Color clear, Odor, Sheen/Free Product
Physical appearance at sampling: Color clear, Odor, Sheen/Free Product

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

Analytical Parameters:

Table with 6 columns: Container Size, Container Type, # Collected, Field Filtered, Preservative, Container pH.

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date 5/16/12 Personnel EBR Weather Sunny 65°
 Site Name WB13 SCA Evacuation Method Grundfos Well # SR915-M6-92J
 Site Location Camillus, NY Sampling Method Grundfos Project # 46698

Well information:

Depth of Well * 81.08 ft.
 Depth to Water * 75.03 ft.
 Length of Water Column _____ ft.

* Measurements taken from

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

Start Purge Time: 1020

Elapsed Time (min.)	(0.3-ft) Depth To Water (ft)	(3%) Temperature (celsius)	(0.1) pH	(3%) Conductivity (ms/cm)	(10 mV) Oxidation Reduction Potential	(10%) Dissolved Oxygen (mg/l)	(10%) Turbidity (NTU)	(100-500 ml/min) Flow Rate (ml/min)
0	78.30	13.91	11.61	37.1	-197	0.00	163	250
5	72.19	13.71	11.78	34.8	-227	0.00	231	300
10	72.18	16.56	11.06	25.7	-218	0.00	255	300
15	72.18	18.16	9.58	20.5	-208	0.00	195	300
20	72.18	18.65	8.74	17.3	-201	0.00	122	300
25	72.18	18.95	8.48	15.0	-194	0.00	78.9	300
30	72.18	19.14	8.35	13.7	-191	0.00	58.8	250
35	72.18	19.01	8.25	12.8	-187	0.00	42.9	250
40	72.18	18.97	8.18	11.9	-184	0.00	32.6	250
45	72.18	19.37	8.13	11.2	-182	0.00	28.4	250
50	72.18	19.67	8.09	10.7	-180	0.00	24.6	250
55	72.18	19.56	8.05	10.5	-177	0.00	21.9	260

End Purge Time: 1115

Water sample:

Time collected: 1150

Physical appearance at start

Color Cloudy
 Odor None
 Sheen/Free Product None

Density Measurement

Total volume of purged water removed:

Start 1.022 End 1.006
4 gal/s.

Physical appearance at sampling

Color Clear
 Odor None
 Sheen/Free Product None

Field Test Results:

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

SCA-0051-02
Grundfos @ 198.20

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date 5/16/12 Personnel JAK/AM Weather Sunny 70°
 Site Name WB13 SCA Evacuation Method Gravel Well # SB915-MW-92D
 Site Location Camillus, NY Sampling Method Low Flow Project # 46698

Well information:

Depth of Well * 105.27 ft. * Measurements taken from SCA-0051-03
 Depth to Water * 75.34 ft. Top of Well Casing
 Length of Water Column 29.93 ft. Top of Protective Casing
 (Other, Specify)

Start Purge Time: 1020

Elapsed Time (min.)	(0.3-ft) Depth To Water (ft)	(3%) Temperature (celsius)	(0.1) pH	(3%) Conductivity (ms/cm)	(10 mV) Oxidation Reduction Potential	(10%) Dissolved Oxygen (mg/l)	(10%) Turbidity (NTU)	(100-500 ml/min) Flow Rate (ml/min)	Density
0	75.35	14.21	6.87	3.38	128	33.3	81.6	530	1.004
5	75.39	14.91	6.31	3.16	61	2.8	51.5	300	1.004
10	75.39	14.95	6.41	3.18	60	0.0	18.5	320	1.004
15	75.39	15.39	6.46	3.17	59	0.0	11.1	320	1.004
20	75.39	15.107	6.52	3.18	61	0.0	8.53	360	1.004
25	75.39	15.80	6.56	3.18	60	0.0	6.74	360	1.004
30	75.39	15.93	6.58	3.18	61	0.0	4.82	380	1.004
35	75.39	16.03	6.61	3.18	62	0.0	4.1	400	1.004
40	75.39	15.90	6.61	3.18	62	0.0	4.20	400	1.004
45	75.39	15.93	6.63	3.18	60	0.0	4.25	400	1.004

End Purge Time: 1125

Water sample: Density Measurement Start 1.004 End 1.004
 Time collected: 1125 Total volume of purged water removed: 6 gallons
 Physical appearance at start: Color clear Physical appearance at sampling: Color clear
 Odor none Odor none
 Sheen/Free Product none Sheen/Free Product none

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

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservatives	Container pH

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date 5.8.12 Personnel JWB Weather ~60°F Rain
 Site Name WB13 SCA Evacuation Method Gandy Well # SBAK-MW-92 BL
 Site Location Camillus, NY Sampling Method Bailer Project # 46698

Well information:

Depth of Well * _____ ft. * Measurements taken from
 Depth to Water * 77.65 ft. Top of Well Casing
 Length of Water Column _____ ft. Top of Protective Casing
 (Other, Specify)

Start Purge Time: 1140

Elapsed Time (min.)	(0.3-ft) Depth To Water (ft)	(3%) Temperature (celsius)	(0.1) pH	(3%) Conductivity (ms/cm)	(10 mV) Oxidation Reduction Potential	(10%) Dissolved Oxygen (mg/l)	(10%) Turbidity (NTU)	(100-500 ml/min) Flow Rate (ml/min)	Density
0	95.5	13.69	5.16	67.2	107	2.27	47.1	NA	1.036
10	134.0	14.64	6.02	63.8	-48	0.43	31.9	NA	1.036
20	160.0	15.18	6.30	64.6	-73	0.00	21.5	NA	1.036
30	180.0	15.92	6.55	64.1	-79	0.02	23.8	NA	1.032
5/9/12 Using Bailer to collect samples @ 1110 OTW: 79.25									

End Purge Time: _____

Water sample: SCA-0046-07 Density Measurement Start 1.036 End 1.032
 Time collected: 1132 on 5/9/12 Total volume of purged water removed: _____
 Physical appearance at start Physical appearance at sampling
 Color Brown Color Clear
 Odor NO Odor NO
 Sheen/Free Product NO Sheen/Free Product NO

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

** 5.8.12 purged well dry*

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date 5/14/12 Personnel A. Young Weather _____
 Site Name WB13 SCA Evacuation Method Gravels/Low Flow Well # SR915-MW-93S
 Site Location Camillus, NY Sampling Method ↓ Project # 46698

Well Information:

Depth of Well * 26.19 ft. * Measurements taken from
 Depth to Water * 22.58 ft. Top of Well Casing
 Length of Water Column _____ ft. Top of Protective Casing
 _____ (Other, Specify)

Start Purge Time: 1036 SCA-0049-01

Elapsed Time (min.)	(0.3-ft) Depth To Water (ft)	(3%) Temperature (celsius)	(0.1) pH	(3%) Conductivity (ms/cm)	(10 mV) Oxidation Reduction Potential	(10%) Dissolved Oxygen (mg/l)	(10%) Turbidity (NTU)	(100-500 ml/min) Flow Rate (ml/min)
0	22.58	19.76	6.06	6.25	73	3.61	71000	220
5	22.55	17.85	6.31	6.35	38	1.60	71000	300
10	22.55	16.87	6.48	6.59	32	0.16	643	320
15	22.55	16.30	6.59	6.69	26	0.00	296	320
20	22.56	16.18	6.64	6.63	21	0.00	186	350
25	22.55	16.05	6.68	6.62	19	0.00	166	350
30	22.56	15.97	6.70	6.63	17	0.00	158	350
35	22.56	15.90	6.72	6.63	15	0.00	148	350
40	22.56	15.87	6.73	6.64	13	0.00	137	350
45	22.56	15.77	6.75	6.64	11	0.00	126	350
50	22.56	15.70	6.76	6.65	9	0.00	113	350
55	22.56	15.66	6.77	6.69	8	0.00	110	350
60	22.56	15.28	6.77	6.75	7	0.00	106	350
65	22.57	15.25	6.78	6.74	6	0.00	96.2	350
70	22.57	15.57	6.78	6.71	5	0.00	92.0	350
75	22.57	15.85	6.78	6.67	4	0.00	78.2	360
80	22.58	15.78	6.79	6.66	3	0.00	68.4	370
85	22.58	15.80	6.80	6.67	3	0.00	65.5	350
90	22.59	15.83	6.80	6.66	2	0.00	59.7	360
93	22.59	15.81	6.81	6.66	2	0.00	58.8	360

End Purge Time: 1226

Water sample: Density Measurement Start 1.004 End 1.004

Time collected: 1226 Total volume of purged water removed: 11 gal

Physical appearance at start: Color brown/white turbid
 Odor Ø
 Sheen/Free Product Ø

Physical appearance at sampling: Color clear
 Odor Ø
 Sheen/Free Product Ø

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

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date 5/14/12 Personnel JAK Weather overcast, ~65°F
 Site Name WB13 SCA Evacuation Method Groutless Well # SR915-MW-93I
 Site Location Camillus, NY Sampling Method Low-Flow Project # 46698

Well information:

Depth of Well * 51.70 ft. * Measurements taken from
 Depth to Water * 22.92 ft. Top of Well Casing
 Length of Water Column 28.78 ft. Top of Protective Casing
 (Other, Specify)

Start Purge Time: 1035

Elapsed Time (min.)	(0.3-ft) Depth To Water (ft)	(3%) Temperature (celsius)	(0.1) pH	(3%) Conductivity (ms/cm)	(10 mV) Oxidation Reduction Potential	(10%) Dissolved Oxygen (mg/l)	(10%) Turbidity (NTU)	(100-500 ml/min) Flow Rate (ml/min)
0	22.95	12.71	6.18	7.24	85	1.97	7999	400
5	22.98	12.94	6.28	7.28	50	0.58	7999	480
10	22.99	13.08	6.35	7.30	35	0.02	7999	460
15	22.99	13.17	6.37	7.31	27	0.00	614	480
20	22.99	13.19	6.40	7.29	20	0.00	433	420
25	22.97	13.20	6.41	7.29	16	0.00	358	430
30	22.97	13.22	6.42	7.28	11	0.00	266	430
35	22.97	13.24	6.43	7.27	8	0.00	226	430
40	22.97	13.38	6.43	7.26	6	0.00	196	400
45	22.97	13.40	6.44	7.26	5	0.00	161	340
50	22.97	13.46	6.44	7.26	4	0.00	153	340
55	22.97	13.71	6.44	7.25	3	0.00	143	320
60	22.97	13.81	6.44	7.26	2	0.00	138	300
65	22.97	13.83	6.45	7.25	0	0.00	123	300
70	22.96	14.02	6.45	7.25	-1	0.00	111	300
75	22.96	14.11	6.45	7.25	-2	0.00	107	260
80	22.96	14.02	6.45	7.25	-2	0.00	102	260
85	22.96	14.05	6.45	7.24	-3	0.00	98.8	260
90	22.96	14.16	6.46	7.24	-3	0.00	91.4	260
95	22.96	14.20	6.46	7.24	-4	0.00	87.2	260
100	22.96	14.12	6.46	7.24	-5	0.00	80.9	260
105	22.96	14.33	6.46	7.24	-5	0.00	83.2	260

End Purge Time: 1330

Water sample: Density Measurement Start 1.004 End 1.004
 Time collected: 1320 Total volume of purged water removed: 14.0 gal
 Physical appearance at start: Color cloudy / Brown Physical appearance at sampling: Color clear
 Odor none Odor none
 Sheen/Free Product none Sheen/Free Product none

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

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date 5/14/12 Personnel KJK Weather Mostly Cloudy
 Site Name WB13 SCA Evacuation Method Ground fs Well # SB915-MW-93D
 Site Location Camillus, NY Sampling Method Ground fs Project # 46698

Well information:

Depth of Well * 63.86 ft.
 Depth to Water * 22.90 ft.
 Length of Water Column 40.96 ft.

* Measurements taken from

<input type="checkbox"/>	Top of Well Casing
<input checked="" type="checkbox"/>	Top of Protective Casing
<input type="checkbox"/>	(Other, Specify)

Start Purge Time: 1040

Elapsed Time (min.)	(0.3-ft) Depth To Water (ft)	(3%) Temperature (celsius)	(0.1) pH	(3%) Conductivity (ms/cm)	(10 mV) Oxidation Reduction Potential	(10%) Dissolved Oxygen (mg/l)	(10%) Turbidity (NTU)	(100-500 ml/min) Flow Rate (ml/min)	
0	22.93	12.83	6.56	8.29	-13	0.00	7999	950	1.010
5	22.92	12.86	6.61	8.14	-11	0.00	933	400	1.008
10	22.92	13.14	6.62	8.11	-8	0.00	654	380	1.006
15	22.92	13.53	6.63	8.08	-8	0.00	544	400	1.004
20	22.92	13.59	6.64	8.09	-7	0.00	384	400	1.004
25	22.92	13.58	6.65	8.03	-3	0.00	219	400	1.004
30	22.92	13.52	6.66	8.01	-2	0.00	253	400	1.004
35	22.92	13.53	6.66	7.98	-2	0.00	278	400	1.004
40	22.92	13.47	6.67	7.97	-1	0.00	232	400	1.002
45	22.92	13.52	6.67	7.95	0	0.00	220	400	1.002
50	22.92	13.69	6.67	7.91	1	0.00	203	400	1.002
55	22.92	13.80	6.67	7.90	2	0.00	206	400	1.002
60	22.92	13.73	6.67	7.91	2	0.00	193	400	1.002
65	22.92	13.85	6.67	7.87	3	0.00	198	400	1.002
70	22.92	13.91	6.67	7.87	3	0.00	170	400	1.002
75	22.92	13.81	6.68	7.83	4	0.00	150	400	1.002
80	22.92	13.82	6.68	7.82	4	0.00	145	400	1.002
85	22.92	13.87	6.68	7.83	4	0.00	149	400	1.002
90	22.92	13.89	6.70	7.83	6	0.00	126	400	1.002
95	22.92	13.81	6.71	7.82	5	0.00	114	400	1.002
100	22.92	13.95	6.71	7.80	5	0.00	104	400	1.002
105	22.92	14.10	6.72	7.80	5	0.00	80	400	1.002
120	22.92	14.17	6.72	7.80	5	0.00	79.2	400	1.002
115	22.92	14.20	6.73	7.79	6	0.00	79.7	400	1.002

End Purge Time: 1235

Water sample: SA-0049-03

Time collected: 1254

Physical appearance at start

Color Brown

Odor None

Sheen/Free Product None

Density Measurement

Start 1.010 End 1.002

Total volume of purged water removed: 15 gal

Physical appearance at sampling

Color Clear

Odor None

Sheen/Free Product None

Field Test Results:

Dissolved ferrous iron: _____

Dissolved total iron: _____

Dissolved total manganese: _____

Dissolved Oxygen: _____

(105.00 Hz)

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date 5/14/12 Personnel EBR/AKM Weather Partly Sunny 70°
 Site Name WB13 SCA Evacuation Method _____ Well # SB13-MW 93 BR
 Site Location Camillus, NY Sampling Method Ground Fos Project # 46698

Well information:

Depth of Well * 154.84 ft. * Measurements taken from
 Depth to Water * 27.71 ft. Top of Well Casing
 Length of Water Column _____ ft. Top of Protective Casing
 (Other, Specify) _____

Start Purge Time: 1030

Elapsed Time (min.)	(0.3-ft) Depth To Water (ft)	(3%) Temperature (celsius)	(0.1) pH	(3%) Conductivity (ms/cm)	(10 mV) Oxidation Reduction Potential	(10%) Dissolved Oxygen (mg/l)	(10%) Turbidity (NTU)	(100-500 ml/min) Flow Rate (ml/min)
0	26.20	14.24	5.33	>100	117	3.41	215	240
5	28.50	14.04	5.50	>100	78	0.09	87.1	200
10	31.15	14.85	5.71	>100	17	0.00	145	180
15	31.70	14.91	5.93	>100	-32	0.00	88.6	100
20	32.55	14.56	6.11	>100	-60	0.00	82.6	140
25	33.08	14.81	6.20	>100	-51	0.00	116	140
30	33.40	15.26	6.26	>100	-50	0.00	58.0	160
35	33.75	15.24	6.30	>100	-48	0.00	49.8	110
40	34.24	15.05	6.32	>100	-46	0.00	63.1	100
45	34.65	14.72	6.34	>100	-44	0.00	64.7	110
50	35.01	14.78	6.36	>100	-42	0.00	59.8	140
55	35.25	15.04	6.38	>100	-42	0.00	43.4	140
60	35.65	15.14	6.34	>100	-42	0.00	64.2	150
65	35.90	15.28	6.40	>100	-42	0.00	89.4	140
70	36.10	15.54	6.41	>100	-42	0.00	83.3	140
75	36.19	15.43	6.41	>100	-43	0.00	98.8	100
85	36.30	16.17	6.43	>100	-43	0.00	35.7	100
90	36.50	16.23	6.44	>100	-43	0.00	30.5	100

1.080
1.080
1.084
1.084
1.084
1.082
1.082
1.080
1.080
1.080
1.080
1.080

End Purge Time: 1200 SCA-0049-04

Water sample: _____ Density Measurement Start 1.080 End 1.080
 Time collected: 1315 Total volume of purged water removed: 3 gals.
 Physical appearance at start _____ Physical appearance at sampling _____
 Color Clear Color Clear
 Odor None Odor None
 Sheen/Free Product None Sheen/Free Product None

Field Test Results: Dissolved ferrous iron: _____ * Bubbles caused turbidity to jump
 Dissolved total iron: _____ arounds.
 Dissolved total manganese: _____
 Dissolved Oxygen: _____

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date 5/1/12 Personnel SJW Weather 70/sunny
 Site Name WB13 SCA Evacuation Method Grndfbs Well # SR915-MW-94S
 Site Location Camillus, NY Sampling Method Grndfbs Project # 46698

Well information:

Depth of Well * 32.30 ft. * Measurements taken from
 Depth to Water * 21.35 ft. Top of Well Casing
 Length of Water Column _____ ft. Top of Protective Casing
 _____ ft. (Other, Specify)

Start Purge Time: 1000

1010

SFG
1.002

Elapsed Time (min.)	(0.3-ft) Depth To Water (ft)	(3%) Temperature (celsius)	(0.1) pH	(3%) Conductivity (ms/cm)	(10 mV) Oxidation Reduction Potential	(10%) Dissolved Oxygen (mg/l)	(10%) Turbidity (NTU)	(100-500 ml/min) Flow Rate (ml/min)
0	22.69	14.23	6.51	1.54	92	0.00	80	160
5	22.70	14.16	6.49	1.54	101	0.00	98.8	140
10	22.70	15.29	6.47	1.55	53	0.00	93.2	140
15	22.73	15.73	6.48	1.55	59	0.40	69.2	180
20	22.79	16.15	6.47	1.54	66	0.80	47.0	180
25	22.75	16.52	6.46	1.54	71	1.09	38.2	140
30	22.72	16.89	6.46	1.53	74	1.22	29.8	160
35	22.72	17.29	6.46	1.52	72	1.28	24	160
40	22.72	17.52	6.46	1.57	74	1.32	19.9	120
45	22.72	17.74	6.46	1.51	76	1.35	15.3	120
50	22.73	18.05	6.46	1.50	80	1.36	11.5	130
55	22.72	18.21	6.46	1.50	84	1.38	10.0	130
60	22.73	18.44	6.45	1.49	85	1.40	9.64	130
63	22.74	18.27	6.45	1.51	86	1.55	9.13	150
66	22.74	18.59	6.45	1.49	87	1.50	9.28	180
69	22.73	18.74	6.44	1.49	89	1.55	9.03	160
72	22.74	19.00	6.44	1.49	91	1.65	8.95	160
75	22.74	19.06	6.44	1.48	92	1.67	9.07	160

1.000

End Purge Time: 1222

Water sample: Density Measurement Start 1.002 End 1.000
 Time collected: 1220 Total volume of purged water removed: ~6 gallons
 Physical appearance at start: Color slightly cloudy Physical appearance at sampling: Color clear
 Odor none Odor none
 Sheen/Free Product none Sheen/Free Product none

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

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date 5/11/12 Personnel EBR Weather Sunny 65°
 Site Name WB13 SCA Evacuation Method _____ Well # SR915-MW-955
 Site Location Camillus, NY Sampling Method Grundfos Project # 46698

Well information:

Depth of Well * 38.02 ft. * Measurements taken from
 Depth to Water * 28.40 ft. Top of Well Casing
 Length of Water Column _____ ft. Top of Protective Casing
 _____ (Other, Specify)

Start Purge Time: 1035

Elapsed Time (min.)	(0.3-ft) Depth To Water (ft)	(3%) Temperature (celsius)	(0.1) pH	(3%) Conductivity (ms/cm)	(10 mV) Oxidation Reduction Potential	(10%) Dissolved Oxygen (mg/l)	(10%) Turbidity (NTU)	(100-500 ml/min) Flow Rate (ml/min)	
0	28.41	13.48	11.29	2.61	41	Heart	14.6	500	1.004
5	28.41	13.26	10.09	2.31	54	0.00	46.0	440	1.004
10	28.41	13.39	9.88	2.36	59	0.00	17.5	440	1.003
15	28.41	13.48	9.38	2.42	69	0.00	10.8	440	1.004
20	28.41	13.58	9.27	2.43	74	0.00	9.06	440	
25	28.41	13.57	9.18	2.44	77	0.00	7.11	460	1.004
30	28.41	13.61	9.11	2.43	81	0.00	6.44	440	1.004
35	28.41	13.63	9.00	2.42	84	0.00	6.23	440	1.003
40	28.41	13.68	8.89	2.42	87	0.00	6.33	440	
45	28.41	13.75	8.80	2.41	91	0.00	6.15	440	1.002

End Purge Time: 1120

Water sample: _____ Density Measurement Start 1.004 End 1.002
 Time collected: 1145 Total volume of purged water removed: 6.5 gals.
 Physical appearance at start _____ Physical appearance at sampling _____
 Color Slightly Cloudy Color Clear
 Odor None Odor None
 Sheen/Free Product None Sheen/Free Product None

Field Test Results: Dissolved ferrous iron: _____
 Dissolved total iron: _____ SCA-0048-02
 Dissolved total manganese: _____
 Dissolved Oxygen: _____

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date 5/11/12 Personnel A. Young Weather _____
 Site Name WB13 SCA Evacuation Method Low Flow / Groundfos Well # SR915-MW-96S
 Site Location Camillus, NY Sampling Method ↓ Project # 46698

Well information:

Depth of Well * 37.64 ft.
 Depth to Water * 29.12 ft.
 Length of Water Column 8.52 ft.

* Measurements taken from

<input checked="" type="checkbox"/>	Top of Well Casing
<input type="checkbox"/>	Top of Protective Casing
<input type="checkbox"/>	(Other, Specify)

Start Purge Time: 1022 SCA-0048-03

Elapsed Time (min.)	(0.3-ft) Depth To Water (ft)	(3%) Temperature (celsius)	(0.1) pH	(3%) Conductivity (ms/cm)	(10 mV) Oxidation Reduction Potential	(10%) Dissolved Oxygen (mg/l)	(10%) Turbidity (NTU)	(100-500 ml/min) Flow Rate (ml/min)	
0	29.15	14.57	6.46	1.15	124	1.32	71000	360	1.002
5	29.14	14.24	6.32	1.15	100	0.43	601	380	1.002
10	29.14	15.09	6.96	1.08	84	0.67	558	400	
15	29.13	15.39	7.03	1.02	78	0.78	543	400	1.002
20	29.12	15.55	7.09	0.994	78	0.76	642	400	
25	29.12	15.67	7.12	0.989	77	0.69	821	410	1.002
30	29.12	15.68	7.14	0.987	77	0.61	954	400	
35	29.12	15.68	7.17	0.989	77	0.47	71000	400	1.002
40	29.12	14.09	7.19	1.01	82	0.02	71000	900	
45	29.12	14.13	7.20	1.03	76	0.00	71000	800	1.000
50	29.12	14.81	7.21	1.02	72	0.00	623	520	
55	29.12	15.73	7.22	1.02	67	0.00	410	480	1.002
60	29.12	16.04	7.22	1.03	65	0.00	285	450	
65	29.12	16.07	7.23	1.04	63	0.00	169	420	1.000
70	29.12	16.00	7.24	1.04	65	0.00	103	420	
75	29.12	15.44	7.24	1.04	66	0.00	74.3	420	1.000
80	29.12	15.72	7.24	1.05	69	0.00	48.0	420	
85	29.12	15.64	7.25	1.05	70	0.00	33.2	420	1.000
90	29.12	15.61	7.25	1.05	72	0.00	23.5	420	1.002
93	29.12	15.62	7.25	1.05	73	0.00	20.0	420	1.002

End Purge Time: 1205 120.90 Hz

Water sample: _____ Density Measurement Start 1.002 End 1.002
 Time collected: 1204 Total volume of purged water removed: 13gal
 Physical appearance at start _____ Physical appearance at sampling _____
 Color brown / turbid Color clear
 Odor ∅ Odor ∅
 Sheen/Free Product ∅ Sheen/Free Product ∅

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

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date 5/11/12 Personnel JAK Weather SUNNY 70°F
 Site Name WB13 SCA Evacuation Method Grundsfos Well # SR915-MW-475
 Site Location Camillus, NY Sampling Method Low-flow Project # 46698

Well Information:

Depth of Well * 36.71 ft. * Measurements taken from
 Depth to Water * 27.37 ft. Top of Well Casing
 Length of Water Column 9.34 ft. Top of Protective Casing
 (Other, Specify)

Start Purge Time: 1030

Elapsed Time (min.)	(0.3-ft) Depth To Water (ft)	(3%) Temperature (celsius)	(0.1) pH	(3%) Conductivity (ms/cm)	(10 mV) Oxidation Reduction Potential	(10%) Dissolved Oxygen (mg/l)	(10%) Turbidity (NTU)	(100-500 ml/min) Flow Rate (ml/min)
0	27.34	15.42	7.05	2.03	131	0.00	251	380
5	27.34	15.01	7.15	2.12	105	0.00	66.0	380
10	27.34	14.98	7.19	2.11	102	0.00	45.8	390
15	27.34	14.94	7.20	2.12	102	0.00	37.1	390
20	27.34	14.87	7.22	2.14	104	0.00	27.7	400
25	27.34	14.77	7.22	2.15	98	0.00	24.7	400
30	27.34	14.76	7.23	2.16	95	0.00	18.8	410
35	27.34	14.79	7.23	2.17	93	0.00	17.1	420
40	27.34	14.91	7.24	2.17	91	0.00	16.1	420
45	27.34	14.95	7.24	2.17	90	0.00	13.1	420

1.002
1.002
1.002
1.002
1.002
1.002
1.002
1.002
1.002

End Purge Time: 1135 SCA-0048-04

Water sample: Density Measurement Start 1.002 End 1.002
 Time collected: 1135 Total volume of purged water removed: 8.0 gal
 Physical appearance at start: Color Cloudy Physical appearance at sampling: Color Clear
 Odor NONE Odor NONE
 Sheen/Free Product NONE Sheen/Free Product NONE

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

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date 5/9/12 Personnel EBR Weather Overcast 62°
 Site Name WB13 SCA Evacuation Method _____ Well # SRB15-MW-98.5
 Site Location Camillus, NY Sampling Method Grundfos Project # 46698

Well information:

Depth of Well * 36.15 ft. * Measurements taken from
 Depth to Water * 25.63 ft. Top of Well Casing
 Length of Water Column _____ ft. Top of Protective Casing
 (Other, Specify) _____

Start Purge Time: 11:27

Elapsed Time (min.)	(0.3-ft) Depth To Water (ft)	(3%) Temperature (celsius)	(0.1) pH	(3%) Conductivity (ms/cm)	(10 mV) Oxidation Reduction Potential	(10%) Dissolved Oxygen (mg/l)	(10%) Turbidity (NTU)	(100-500 ml/min) Flow Rate (ml/min)	
0	25.68	14.27	6.73	3.23	187	2.37	>1000	340	1.002
5	25.66	13.89	6.95	3.28	108	0.27	>1000	350	1.002
10	25.65	14.25	6.96	3.35	79	0.00	>1000	350	1.002
15	25.65	14.28	6.97	3.38	65	0.00	511	360	1.002
20	25.65	14.21	6.97	3.34	60	0.00	295	400	1.002
25	25.65	14.15	6.97	3.34	58	0.00	209	400	
30	25.65	14.23	6.97	3.37	57	0.00	136	400	1.002
35	25.65	14.43	6.97	3.37	57	0.00	106	400	
40	25.65	14.58	6.98	3.35	57	0.00	70.5	400	1.002
45	25.65	14.59	6.98	3.34	57	0.00	55.7	400	
50	25.65	14.55	6.99	3.32	56	0.00	42.0	400	1.002
55	25.65	14.57	6.99	3.31	56	0.00	32.8	400	
60	25.65	14.58	6.99	3.30	56	0.00	26.9	400	1.002
65	25.65	14.64	6.99	3.29	56	0.00	22.3	400	1.002
70	25.65	14.59	6.99	3.28	55	0.00	16.7	400	
75	25.65	14.59	6.99	3.27	55	0.00	16.2	400	1.002
76	25.65	14.52	6.99	3.27	54	0.00	13.7	400	1.002

End Purge Time: 12:46

Water sample: _____ Density Measurement Start 1.002 End 1.002
 Time collected: 1305 Total volume of purged water removed: 9 gals.
 Physical appearance at start: Color Light Brown Physical appearance at sampling: Color Clear
 Odor None Odor None
 Sheen/Free Product None Sheen/Free Product None

Field Test Results: Dissolved ferrous iron: _____ SCA-0046-05
 Dissolved total iron: _____ SCA-0046-06 - Field Duplicate
 Dissolved total manganese: _____
 Dissolved Oxygen: _____

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date 5/11/12 Personnel KJK Weather Sunny ~60°
 Site Name WB13 SCA Evacuation Method Grounded Well # SR91R-MW-995
 Site Location Camillus, NY Sampling Method Grounded Project # 46698

Well Information:

Depth of Well * 33.65 ft.
 Depth to Water * 32.42 ft.
 Length of Water Column 25.57 ft.

* Measurements taken from

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

Start Purge Time: 0441 1041

Elapsed Time (min.)	(0.3-ft) Depth To Water (ft)	(3%) Temperature (celsius)	(0.1) pH	(3%) Conductivity (ms/cm)	(10 mV) Oxidation Reduction Potential	(10%) Dissolved Oxygen (mg/l)	(10%) Turbidity (NTU)	(100-500 ml/min) Flow Rate (ml/min)
0045 - 0	25.57	12.52	7.03	3.59	89	0.00	7999	400
5	25.57	13.55	6.91	4.05	27	0.00	540	400
10	25.57	13.84	6.92	4.25	7	0.00	334	400
15	25.57	13.77	6.92	4.32	0	0.00	264	450
20	25.57	13.67	6.91	4.40	-5	0.00	224	475
25	25.57	13.67	6.91	4.48	-9	0.00	193	475
30	25.57	13.68	6.91	4.58	-12	0.00	190	475
35	25.57	13.72	6.90	4.64	-15	0.00	126	475
40	25.57	13.71	6.90	4.70	-17	0.00	105	475
45	25.57	13.74	6.91	4.73	-18	0.00	94.4	475
50	25.57	13.75	6.91	4.77	-19	0.00	79.4	475
55	25.57	13.78	6.91	4.78	-20	0.00	53.4	475
60	25.57	13.80	6.92	4.81	-21	0.00	38.1	475
63	25.57	13.83	6.92	4.82	-21	0.00	36.3	475
66	25.57	13.86	6.92	4.81	-22	0.00	33.2	475

End Purge Time: 1051

Water sample: SCA-0048-05

Time collected: 1158

Physical appearance at start

Color Brown
 Odor None
 Sheen/Free Product None

Density Measurement

Total volume of purged water removed:

Physical appearance at sampling

Color Clear
 Odor None
 Sheen/Free Product None

Field Test Results:

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

(113.00 Hz)

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date 5/11/12 Personnel JWB Weather ~65° of Sunny
 Site Name WB13 SCA Evacuation Method Peristaltic Pump Well # SB915-MW-1005
 Site Location Camillus, NY Sampling Method Low Flow Project # 46698

Well information:

Depth of Well * 32.92 ft.
 Depth to Water * 23.26 ft.
 Length of Water Column 9.66 ft.

* Measurements taken from

<input checked="" type="checkbox"/>	Top of Well Casing
<input type="checkbox"/>	Top of Protective Casing
<input type="checkbox"/>	(Other, Specify)

Start Purge Time: 1100

Elapsed Time (min.)	(0.3-ft) Depth To Water (ft)	(3%) Temperature (celsius)	(0.1) pH	(3%) Conductivity (ms/cm)	(10 mV) Oxidation Reduction Potential	(10%) Dissolved Oxygen (mg/l)	(10%) Turbidity (NTU)	(100-500 ml/min) Flow Rate (ml/min)	Density
0	23.25	14.93	6.07	12.5	-85	0.00	151	300	1.006
5	23.25	13.97	6.94	13.9	-197	0.00	98.4	480	
10	23.25	13.91	7.27	14.6	-202	0.00	51.5	480	
15	23.25	13.97	7.40	14.7	-202	0.00	37.1	480	
20	23.25	14.00	7.45	14.8	-203	0.00	21.9	480	1.006
25	23.25	13.94	7.51	14.8	-202	0.00	16.9	480	
30	23.25	13.97	7.55	14.8	-203	0.00	13.8	480	
35	23.25	13.99	7.57	14.8	-201	0.00	10.4	480	
40	23.25	13.99	7.57	14.8	-202	0.00	9.45	480	1.006

End Purge Time: 1140

Water sample: SCA-0048-06

Time collected: 1157

Physical appearance at start

Color clear
 Odor NO

Sheen/Free Product NO

Density Measurement

Start 1.006 End 1.006

Total volume of purged water removed: 5 gallons

Physical appearance at sampling

Color clear
 Odor NO

Sheen/Free Product NO

Field Test Results:

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

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date 5.10.12 Personnel JWB Weather ~55°F Cloudy
 Site Name WB13 SCA Evacuation Method Ground Gas / Peristaltic Well # SR915-MW-1015
 Site Location Camillus, NY Sampling Method Low flow Project # 46698

Well information:

Depth of Well * 33.99 ft.
 Depth to Water * 23.61 ft.
 Length of Water Column 10.38 ft.

* Measurements taken from

<input checked="" type="checkbox"/>	Top of Well Casing
<input type="checkbox"/>	Top of Protective Casing
<input type="checkbox"/>	(Other, Specify)

Start Purge Time: ~~1100~~ 1100

Elapsed Time (min.)	(0.3-ft) Depth To Water (ft)	(3%) Temperature (celsius)	(0.1) pH	(3%) Conductivity (ms/cm)	(10 mV) Oxidation Reduction Potential	(10%) Dissolved Oxygen (mg/l)	(10%) Turbidity (NTU)	(100-500 ml/min) Flow Rate (ml/min)
0	23.64	14.01	6.91	10.4	-115	0.00	71000	300
5	pump quit switched out							
10	23.61	15.75	7.07	9.18	-101	0.00	71000	300
15	23.61	15.38	7.09	9.23	-106	0.00		
Restart using Peristaltic Pump								
0	23.61	12.85	7.16	9.35	-90	0.00	200	350
5	23.61	12.86	7.16	9.37	-100	0.00	207	350
10	23.61	12.82	7.20	9.85	-112	0.00	182	350
15	23.61	12.82	7.23	10.2	-119	0.00	174	350
20	23.61	12.80	7.24	10.4	-124	0.00	88.8	350
25	23.61	12.84	7.24	10.5	-128	0.00	80.8	400
30	23.61	12.82	7.24	10.5	-132	0.00	72.2	400
35	23.61	12.81	7.24	10.6	-135	0.00	43.0	400
40	23.61	12.79	7.23	10.6	-136	0.00	37.4	400
45	23.61	12.78	7.23	10.6	-137	0.00	29.4	400
48	23.61	12.79	7.22	10.5	-138	0.00	28.7	400
51	23.61	12.79	7.22	10.6	-138	0.00	26.9	400

End Purge Time: 1245

Water sample: SCA-0047-05

Time collected: 1402

Density Measurement Start 1.004 End 1.004
 Total volume of purged water removed: ~8 gallons

Physical appearance at start
 Color Med. Brown
 Odor no
 Sheen/Free Product no

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

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

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date 5/14/12 Personnel JWR Weather ~70°F Sunny / clouds
 Site Name WB13 SCA Evacuation Method Groundfos / Peristaltic Well # SR915-MW-102S
 Site Location Camillus, NY Sampling Method Low flow Project # 46698

Well information:

Depth of Well * 32.10 ft.
 Depth to Water * 22.70 ft.
 Length of Water Column 9.40 ft.

* Measurements taken from

<input checked="" type="checkbox"/>	Top of Well Casing
<input type="checkbox"/>	Top of Protective Casing
<input type="checkbox"/>	(Other, Specify)

Start Purge Time: 1055

Elapsed Time (min.)	(0.3-ft) Depth To Water (ft)	(3%) Temperature (celsius)	(0.1) pH	(3%) Conductivity (ms/cm)	(10 mV) Oxidation Reduction Potential	(10%) Dissolved Oxygen (mg/l)	(10%) Turbidity (NTU)	(100-500 ml/min) Flow Rate (ml/min)
0	22.75	17.27	6.94	5.80	-17	0.69	71000	300
5	22.75	17.34	6.93	5.78	-17	0.50	71000	300
10	22.75	17.54	6.93	5.83	-16	0.00	71000	300
15	Stopped @ and switch to peristaltic pump due to turbidity							
0	22.75	14.51	7.05	6.08	-23	3.00	>1000	230
5	22.75	13.46	6.94	6.07	-17	6.37	71000	300
10	22.75	13.18	6.92	6.06	-16	0.00	71000	300
15	22.75	13.04	6.92	6.05	-58	0.00	1000	300
20	22.75	13.19	6.92	6.03	-59	0.00	1000	300
25	22.75	13.43	6.91	6.01	-60	0.00	673	300
30	22.75	13.49	6.97	5.97	-61	0.00	432	300
35	22.75	13.56	6.93	5.94	-62	0.00	313	300
40	22.75	13.62	6.92	5.46	-61	0.00	265	300
45	22.75	13.60	6.91	5.95	-62	0.00	201	300
50	22.75	13.60	6.91	5.93	-62	0.00	143	300
55	22.75	13.59	6.92	5.95	-62	0.00	104	300
60	22.75	13.64	6.98	5.97	-63	0.00	78.8	300
65	22.75	13.81	6.93	5.97	-63	0.00	63.2	300
70	22.75	13.74	6.93	5.96	-64	0.00	51.4	300
75	22.75	13.86	6.93	5.95	-64	0.00	35.1	300
78	22.75	13.91	6.93	5.95	-65	0.00	32.8	300
81	22.75	13.78	6.93	5.93	-65	0.00	31.7	300
84								

1130

Density 1.004

1.004

End Purge Time: 1254

Water sample: SCA-0049-05

Time collected: 1316

Physical appearance at start

Color Brown

Odor No

Sheen/Free Product NO

Density Measurement

Start 1.004

End 1.004

Total volume of purged water removed:

~8 gal

Physical appearance at sampling

Color Clear

Odor No

Sheen/Free Product NO

Field Test Results:

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

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date 5/16/12 Personnel JWB Weather 75°F Sun/Clouds
 Site Name WB13 SCA Evacuation Method Groutfos Well # SR915-MW-1035
 Site Location Camillus, NY Sampling Method Low Flow Project # 46698

Well information:

Depth of Well * 81.00 ft.
 Depth to Water * 67.70 ft.
 Length of Water Column 12.30 ft.

* Measurements taken from

<input checked="" type="checkbox"/>	Top of Well Casing
<input type="checkbox"/>	Top of Protective Casing
<input type="checkbox"/>	(Other, Specify)

Start Purge Time: 1030

Elapsed Time (min.)	(0.3-ft) Depth To Water (ft)	(3%) Temperature (celsius)	(0.1) pH	(3%) Conductivity (ms/cm)	(10 mV) Oxidation Reduction Potential	(10%) Dissolved Oxygen (mg/l)	(10%) Turbidity (NTU)	(100-500 ml/min) Flow Rate (ml/min)	Density
0	67.93	15.90	11.87	3.59	18	3.26	161	400	1.002
5	67.93	14.93	11.83	3.59	-1	1.06	88.1	400	
10	67.93	16.02	10.08	3.01	20	0.00	51.9	400	
15	67.93	16.59	9.11	2.92	49	0.00	26.1	400	
20	67.93	16.79	8.81	2.89	61	0.00	19.1	400	1.002
25	67.93	16.92	8.60	2.86	67	0.00	15.4	400	
30	67.93	16.99	8.33	2.83	53	0.00	16.4	400	
35	67.93	17.10	8.24	2.82	40	0.00	14.7	400	
40	67.93	17.31	8.14	2.81	24	0.00	13.1	400	
45	67.93	17.37	8.05	2.81	11	0.00	11.7	400	
50	67.93	17.55	8.01	2.78	1	0.00	10.4	400	
55	67.93	17.47	7.92	2.79	-8	0.00	9.95	400	
60	67.93	17.53	7.91	2.79	-8	0.00	10.13	400	
65	67.93	17.68	7.89	2.78	-9	0.00	9.47	400	

End Purge Time: 1136

Water sample:
 Time collected: 1153
 Physical appearance at start
 Color clear
 Odor no
 Sheen/Free Product no

Density Measurement Start 1.002 End 1.002
 Total volume of purged water removed: 8 gallons
 Physical appearance at sampling
 Color clear
 Odor no
 Sheen/Free Product no

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

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

Groundwater Sampling Logs
3rd Quarter 2012

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date 7/18/12 Personnel EBR Weather Overcast 83°
 Site Name WB13 SCA Evacuation Method Grundfos Well # 58915-MW-965
 Site Location Camillus, NY Sampling Method Grundfos Project # 46698

Well information:

Depth of Well * 37.78 ft.
 Depth to Water * 30.53 ft.
 Length of Water Column _____ ft.

* Measurements taken from

<input checked="" type="checkbox"/>	Top of Well Casing
<input type="checkbox"/>	Top of Protective Casing
<input type="checkbox"/>	(Other, Specify)

Start Purge Time: 1350

Elapsed Time (min.)	(0.3-ft) Depth To Water (ft)	(3%) Temperature (celsius)	(0.1) pH	(3%) Conductivity (ms/cm)	(10 mV) Oxidation Reduction Potential	(10%) Dissolved Oxygen (mg/l)	(10%) Turbidity (NTU)	(100-500 ml/min) Flow Rate (ml/min)	S.G.
0	30.61	16.57	7.75	1.67	59	0.00	711	480	1.004
5	30.62	16.00	7.74	1.69	24	0.00	388	420	1.002
10	30.60	15.24	7.71	1.69	25	0.00	168	420	1.002
15	30.60	14.97	7.74	1.68	31	0.00	73	420	1.002
20	30.60	14.93	7.75	1.68	37	0.00	37	420	1.002
25	30.60	14.84	7.76	1.68	41	0.00	25	420	1.002
30	30.60	14.95	7.76	1.67	42	0.00	19	420	1.002
35	30.60	15.00	7.76	1.67	43	0.00			

End Purge Time: 1435

Water sample:
 Time collected: 1450
 Physical appearance at start
 Color Brown
 Odor None
 Sheen/Free Product None

Density Measurement Start 1.004 End 1.002
 Total volume of purged water removed: 9 gals.
 Physical appearance at sampling
 Color Clear
 Odor None
 Sheen/Free Product None

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

* Pumped 3 gals. before going thru Horiba.

7
 SCA-0056-09

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date 7-17-12 Personnel JMN Weather PT Cloudy 90's
 Site Name WB13 SCA Evacuation Method Grinders Well # SR915-MW-925
 Site Location Camillus, NY Sampling Method Low flow Project # 46698

Well information:

Depth of Well * 50.65 ft. * Measurements taken from
 Depth to Water * 31.62 ft. Top of Well Casing
 Length of Water Column _____ ft. Top of Protective Casing
 (Other, Specify) _____

Start Purge Time: _____

Elapsed Time (min.)	(0.3-ft) Depth To Water (ft)	(3%) Temperature (celsius)	(0.1) pH	(3%) Conductivity (ms/cm)	(10 mV) Oxidation Reduction Potential	(10%) Dissolved Oxygen (mg/l)	(10%) Turbidity (NTU)	(100-500 ml/min) Flow Rate (ml/min)
0	32.40	22.60	12.87	31.5	-203	0.0	52.1	180
5	32.72	22.33	12.85	33.2	-223	0.0	28.0	150
10	32.95	22.61	12.83	33.4	-224	0.0	23.6	150
15	33.18	22.45	12.83	33.8	-224	0.0	19.8	150
20	33.46	22.23	12.83	33.7	-228	0.0	16.3	140
25	33.66	22.63	12.80	34.2	-231	0.0	9.15	120
30	33.76	22.88	12.78	34.4	-233	0.0	9.72	120
35	33.82	23.04	12.78	34.9	-233	0.0	9.30	120

End Purge Time: 1305

Water sample: _____ Density Measurement Start 1.014 End 1.014

Time collected: 1300 Total volume of purged water removed: 2 gal

Physical appearance at start: Color Clear Odor NM Sheen/Free Product NM
 Physical appearance at sampling: Color Clear Odor NM Sheen/Free Product NM

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

SCA-0056-07

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date 7/17/2012 Personnel P. Frazier Weather Sunny 85°F
 Site Name WB13 SCA Evacuation Method submersible Pump Well # SB915-MW-90 S
 Site Location Camillus, NY Sampling Method Low-Flow Project # 46698

Well information:

Depth of Well * 33.03 ft.
 Depth to Water * 25.21 ft.
 Length of Water Column 7.82 ft.

* Measurements taken from

<u>X</u>	Top of Well Casing
	Top of Protective Casing
	(Other, Specify)

Start Purge Time: 1105

Elapsed Time (min.)	(0.3-ft) Depth To Water (ft)	(3%) Temperature (celsius)	(0.1) pH	(3%) Conductivity (ms/cm)	(10 mV) Oxidation Reduction Potential	(10%) Dissolved Oxygen (mg/l)	(10%) Turbidity (NTU)	(100-500 ml/min) Flow Rate (ml/min)
0	25.24	18.92	6.55	6.64	-72	1.48	>1000	300
5	25.24	15.46	7.16	6.91	-92	0.02	>1000	420
10	25.24	15.81	7.24	6.94	-96	0.08	>1000	480
15	25.24	15.36	7.25	6.95	-96	0.00	>1000	480
20	25.24	15.33	7.26	6.92	-97	0.00	>1000	440
25	25.24	15.72	7.35	6.91	-103	0.00	>1000	440
30	25.24	15.35	7.33	6.89	-102	0.00	935	440
35	25.24	15.50	7.35	6.90	-103	0.00	449	440
40	25.24	15.57	7.35	6.88	-102	0.00	256	450
45	25.24	15.58	7.36	6.90	-102	0.00	123	450
50	25.24	15.47	7.37	6.88	-101	0.01	69.6	450
55	25.24	15.38	7.38	6.85	-100	0.00	43.1	450
60	25.24	15.40	7.38	6.85	-98	0.00	36.0	450
65	25.24	15.34	7.39	6.85	-97	0.00	30.4	450
68	25.24	15.46	7.39	6.84	-97	0.00	30.1	450
71	25.24	15.41	7.39	6.84	-97	0.00	23.8	450
74	25.24	15.45	7.39	6.84	-97	0.00	24.9	450
77	25.24	15.44	7.39	6.83	-97	0.00	25.8	450

End Purge Time: 1224

Water sample:

Density Measurement Start 1.006 End 1.006

Time collected: 1310

Total volume of purged water removed: _____

Physical appearance at start

Physical appearance at sampling

Color Tan - opaque
 Odor None

Color Clear
 Odor None

Sheen/Free Product None

Sheen/Free Product None

Field Test Results:
 Dissolved ferrous iron: N/A
 Dissolved total iron: N/A
 Dissolved total manganese: N/A
 Dissolved Oxygen: N/A

SCA-0056-01
SCA-0056-02 (MS)
SCA-0056-03 (MSD)

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date 6/17/12 Personnel TBP Weather _____
 Site Name WB13 SCA Evacuation Method _____ Well # S8915-MW-90 I
 Site Location Camillus, NY Sampling Method _____ Project # 46698

Well information:

Depth of Well * _____ ft. * Measurements taken from _____
 Depth to Water * 27.00 ft. Top of Well Casing
 Length of Water Column _____ ft. Top of Protective Casing
 (Other, Specify) _____

Start Purge Time: _____

Elapsed Time (min.)	(0.3-ft) Depth To Water (ft)	(3%) Temperature (celsius)	(0.1) pH	(3%) Conductivity (ms/cm)	(10 mV) Oxidation Reduction Potential	(10%) Dissolved Oxygen (mg/l)	(10%) Turbidity (NTU)	(100-500 ml/min) Flow Rate (ml/min)
0	<u>28.08</u>	<u>12.78</u>	<u>6.40</u>	<u>11.1</u>	<u>-12</u>	<u>8.20</u>	<u>21000</u>	<u>2000</u>
5	<u>26.67</u>	<u>18.97</u>	<u>6.57</u>	<u>10.1</u>	<u>-60</u>	<u>0.18</u>	<u>185</u>	<u>300</u>
10	<u>26.67</u>	<u>20.00</u>	<u>6.63</u>	<u>9.99</u>	<u>-77</u>	<u>6.04</u>	<u>88.2</u>	<u>300</u>
15	<u>26.67</u>	<u>19.99</u>	<u>6.65</u>	<u>9.99</u>	<u>-86</u>	<u>0.00</u>	<u>40.8</u>	<u>300</u>
20	<u>26.67</u>	<u>19.98</u>	<u>6.66</u>	<u>9.96</u>	<u>-89</u>	<u>0.00</u>	<u>35.2</u>	<u>300</u>
25	<u>26.67</u>	<u>19.90</u>	<u>6.67</u>	<u>9.98</u>	<u>-94</u>	<u>0.00</u>	<u>27.7</u>	<u>320</u>
30	<u>26.67</u>	<u>19.85</u>	<u>6.67</u>	<u>10.0</u>	<u>-98</u>	<u>0.00</u>	<u>18.8</u>	<u>320</u>
35	<u>26.67</u>	<u>19.80</u>	<u>6.68</u>	<u>10.0</u>	<u>-99</u>	<u>0.00</u>	<u>16.2</u>	<u>320</u>
40	<u>26.67</u>	<u>19.78</u>	<u>6.68</u>	<u>10.0</u>	<u>-100</u>	<u>0.00</u>	<u>13.6</u>	<u>320</u>
45	<u>26.67</u>	<u>19.70</u>	<u>6.68</u>	<u>10.0</u>	<u>-101</u>	<u>0.00</u>	<u>11.4</u>	<u>320</u>
50	<u>26.67</u>	<u>19.59</u>	<u>6.63</u>	<u>10.0</u>	<u>-103</u>	<u>0.00</u>	<u>7.91</u>	<u>320</u>
55	<u>26.67</u>	<u>19.75</u>	<u>6.68</u>	<u>10.0</u>	<u>-103</u>	<u>0.00</u>	<u>8.01</u>	<u>320</u>
60	<u>26.67</u>	<u>19.82</u>	<u>6.68</u>	<u>10.1</u>	<u>-105</u>	<u>0.00</u>	<u>6.39</u>	<u>320</u>

End Purge Time: 1210

Water sample: _____ Density Measurement Start 1.006 End 1.006

Time collected: 1237 Total volume of purged water removed: _____

Physical appearance at start: Color cloudy, Odor NONE, Sheen/Free Product NONE
 Physical appearance at sampling: Color clear, Odor NONE, Sheen/Free Product NONE

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

SCA-0056-06

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date 7/17/12 Personnel STW Weather 90s/partially sunny
 Site Name WB13 SCA Evacuation Method Grindfos Well # SB915-WB-04L
 Site Location Camillus, NY Sampling Method _____ Project # 46698

Well information:

Depth of Well * _____ ft. * Measurements taken from
 Depth to Water * 26.48 ft. Top of Well Casing
 Length of Water Column _____ ft. Top of Protective Casing
 _____ (Other, Specify)

Start Purge Time: 1100 - ran ~ 0.25 gallons into bucket to clear line.

Elapsed Time (min.)	(0.3-ft) Depth To Water (ft)	(3%) Temperature (celsius)	(0.1) pH	(3%) Conductivity (ms/cm)	(10 mV) Oxidation Reduction Potential	(10%) Dissolved Oxygen (mg/l)	(10%) Turbidity (NTU)	(100-500 ml/min) Flow Rate (ml/min)
0	25.49	17.89	7.36	21.8	-121	0.00	370	320
5	25.47	16.91	7.03	23.4	-123	0.00	299	300
10	25.47	16.81	6.89	23.9	-122	0.00	216	300
15	25.48	16.92	6.80	24.1	-122	0.00	158	300
20	25.48	17.07	6.76	24.0	-123	0.00	107	300
25	25.51	17.01	6.80	24.0	-126	0.00	77.0	300
30	25.52	16.96	6.78	24.1	-127	0.00	57.2	300
35	25.49	16.72	6.76	22.9	-128	0.00	52.5	300
40	25.49	16.59	6.79	22.9	-130	0.00	37.1	300
45	25.53	16.64	6.78	22.3	-131	0.00	33.9	300
50	25.54	16.72	6.76	22.3	-132	0.00	30.7	300
55	25.53	16.81	6.73	22.8	-131	0.00	26.2	300
60	25.52	16.54	6.76	23.0	-133	0.00	21.4	300
65	25.52	16.51	6.76	22.9	-133	0.00	14.7	300
70	25.53	16.56	6.77	23.0	-134	0.00	13.0	300
75	25.53	16.47	6.76	23.2	-135	0.00	9.57	300
80	25.53	16.34	6.74	24.3	-134	0.00	9.30	300
85	25.53	16.38	6.74	24.4	-135	0.00	8.66	300

End Purge Time: _____

Water sample:

Time collected: 1307

Physical appearance at start

Color brown/grey
 Odor slight sulphur

Sheen/Free Product none

Density Measurement

Start 1.010 End 1.010

Total volume of purged water removed:

~12 gall.

Physical appearance at sampling

Color clear
 Odor none

Sheen/Free Product

none

Field Test Results:

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

SCA-0056-05

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date 7/17/12 Personnel EBR Weather Hot Sunny 88°
 Site Name WB13 SCA Evacuation Method _____ Well # 58915-MW-908R
 Site Location Camillus, NY Sampling Method Groundfos Project # 46698

Well information:

Depth of Well * 131.58 ft.
 Depth to Water * 28.09 ft.
 Length of Water Column _____ ft.

* Measurements taken from

<input checked="" type="checkbox"/>	Top of Well Casing
<input type="checkbox"/>	Top of Protective Casing
<input type="checkbox"/>	(Other, Specify)

Start Purge Time: 1110

Elapsed Time (min.)	(0.3-ft) Depth To Water (ft)	(3%) Temperature (celsius)	(0.1) pH	(3%) Conductivity (ms/cm)	(10 mV) Oxidation Reduction Potential	(10%) Dissolved Oxygen (mg/l)	(10%) Turbidity (NTU)	(100-500 ml/min) Flow Rate (ml/min)	S.G.
0	28.10	18.84	6.16	53.6	168	1.17	214	200	1.036
5	31.72	18.36	6.40	74.6	-16	0.06	502	200	1.038
10	31.95	16.98	6.63	73.5	-36	0.00	384	200	1.036
15	32.16	16.93	6.75	68.0	-33	0.00	285	180	
20	32.48	16.35	6.82	65.8	-33	0.00	223	200	1.034
25	32.89	15.87	6.96	64.9	-42	0.00	174	220	
30	33.20	16.23	6.94	64.3	-55	0.00	130	800	1.032
35	33.24	16.63	6.92	63.1	-65	0.00	182	200	1.032
40	33.46	15.95	6.94	58.3	-66	0.00	80	200	
45	33.72	16.33	6.95	68.9	-70	0.00	68	280	1.030
50	33.73	16.64	6.98	57.2	-75	0.00	63	200	1.030
55	33.73	16.83	7.02	54.0	-84	0.00	55	200	
60	33.73	16.88	7.08	58.8	-94	0.00	53	280	
65	33.73	17.16	7.12	58.3	-101	0.00	49	200	1.030
70	33.73	17.14	7.18	56.7	-110	0.00	41	200	
75	33.73	17.74	7.23	57.4	-116	0.00	38	200	1.028
80	33.73	17.97	7.27	57.5	-123	0.00	33	280	1.028

End Purge Time: 1230

Water sample:
 Time collected: 1319
 Physical appearance at start
 Color Milky
 Odor None
 Sheen/Free Product None

Density Measurement Start 1.036 End 1.028
 Total volume of purged water removed: 16 gals.
 Physical appearance at sampling
 Color Clear
 Odor None
 Sheen/Free Product None

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

SCA-0056-04

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date 7/17/12 Personnel KJK Weather Sunny ~95° F
Site Name WB13 SCA Evacuation Method Groundfex Well # SB915-MW-97 I
Site Location Camillus, NY Sampling Method Groundfex Project # 46698

Well information:

Depth of Well * 81.08 ft.
Depth to Water * 76.92 ft.
Length of Water Column 4.16 ft.

* Measurements taken from

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

Start Purge Time: 1255

Table with 9 columns: Elapsed Time (min.), Depth To Water (ft), Temperature (celsius), pH, Conductivity (ms/cm), Oxidation Reduction Potential, Dissolved Oxygen (mg/l), Turbidity (NTU), Flow Rate (ml/min). Rows 6-51 contain data points.

1.018
1.016
1.010
1.008
1.004
1.004
1.004
1.004
1.004
1.004
1.004

End Purge Time: 1346

Water sample:
Time collected: 1405
Physical appearance at start
Color Cloudy
Odor None
Sheen/Free Product None

Density Measurement Start 1.018 End 1.004
Total volume of purged water removed: 6 gal
Physical appearance at sampling
Color Clear
Odor None
Sheen/Free Product None

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

SLA-0056-08

Analytical Parameters:

Table with 6 columns: Container Size, Container Type, # Collected, Field Filtered, Preservative, Container pH

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date 7/17/12 Personnel JWR Weather ~90F Sun
 Site Name WB13 SCA Evacuation Method Gravelos Pump Well # SR915-MW-92A
 Site Location Camillus, NY Sampling Method Low Flow Project # 46698

Well information:

Depth of Well * 105.27 ft.
 Depth to Water * 76.98 ft.
 Length of Water Column 29.29 ft.

* Measurements taken from

<input checked="" type="checkbox"/>	Top of Well Casing
<input type="checkbox"/>	Top of Protective Casing
<input type="checkbox"/>	(Other, Specify)

Start Purge Time: 1105

Elapsed Time (min.)	(0.3-ft) Depth To Water (ft)	(3%) Temperature (celsius)	(0.1) pH	(3%) Conductivity (ms/cm)	(10 mV) Oxidation Reduction Potential	(10%) Dissolved Oxygen (mg/l)	(10%) Turbidity (NTU)	(100-500 ml/min) Flow Rate (ml/min)	Density
0	77.05	20.55	7.08	2.45	112	1.37	-	-	
5	77.05	18.68	7.44	2.41	86	0.00	64.2	320	1.002
10	77.05	17.70	7.42	2.42	50	0.00	18.8	320	
15	77.05	17.84	7.41	2.46	14	0.00	10.8	320	1.002
20	77.05	18.15	7.41	2.49	11	0.00	8.21	320	
25	77.05	18.16	7.41	2.49	14	0.00	5.80	320	
30	77.05	18.26	7.41	2.50	20	0.00	4.72	320	1.002

End Purge Time: 1135

Water sample: _____ Density Measurement Start 1.002 End 1.002
 Time collected: 1148 Total volume of purged water removed: ~3.5 gallons
 Physical appearance at start _____ Physical appearance at sampling _____
 Color Clear Color Clear
 Odor None Odor None
 Sheen/Free Product None Sheen/Free Product None

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

SCA-0056-09

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date 7/18/12 Personnel JWB Weather ~85°F Sunny
 Site Name WB13 SCA Evacuation Method Grundfos Pump Well # 58915-ML-1035
 Site Location Camillus, NY Sampling Method Low Flow Project # 46698

Well information:

Depth of Well * 80.84 ft.
 Depth to Water * 69.38 ft.
 Length of Water Column 11.46 ft.

* Measurements taken from

<input checked="" type="checkbox"/>	Top of Well Casing
<input type="checkbox"/>	Top of Protective Casing
<input type="checkbox"/>	(Other, Specify)

Start Purge Time: 1255

Elapsed Time (min.)	(0.3-ft) Depth To Water (ft)	(3%) Temperature (celsius)	(0.1) pH	(3%) Conductivity (ms/cm)	(10 mV) Oxidation Reduction Potential	(10%) Dissolved Oxygen (mg/l)	(10%) Turbidity (NTU)	(100-500 ml/min) Flow Rate (ml/min)	Density
0	69.70	18.76	12.03	15.2	-98	0.00	67.7	500	1.006
5	69.70	16.95	11.58	12.4	-126	0.00	125	500	
10	69.70	16.92	8.69	5.12	-14	0.00	39.8	500	1.002
15	69.70	16.75	7.78	4.70	-2	0.00	33.5	500	
20	69.70	16.89	7.24	3.96	10	0.00	24.0	500	
25	69.70	16.95	7.08	3.63	16	0.00	16.9	500	
30	69.70	16.99	6.91	3.30	28	0.00	11.9	500	
35	69.70	16.96	6.87	3.19	29	0.00	9.08	500	
40	69.70	18.05	6.79	2.98	36	0.00	7.09	500	
45	69.70	18.17	6.76	2.87	26	0.00	4.91	500	
48	69.70	18.14	6.74	2.87	34	0.00	3.69	500	
51	69.70	18.17	6.74	2.83	36	0.00	3.48	500	
54	69.70	18.16	6.73	2.82	37	0.00	2.97	500	1.002

End Purge Time: 1350

Water sample: Density Measurement Start 1.006 End 1.002
 Time collected: 1400 Total volume of purged water removed: ~9 gallons
 Physical appearance at start: Color Clear Physical appearance at sampling: Color Clear
 Odor None Odor None
 Sheen/Free Product None Sheen/Free Product None

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

SCA-0057-08

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date	<u>7/11/12</u>	Personnel	<u>ERR, TBP, JWR</u>	Weather	<u>~85° Sunny</u>
Site Name	<u>WB13 SCA</u>	Evacuation Method	<u>Groundwater Pump</u>	Well #	<u>SB915-MU-91BR</u>
Site Location	<u>Camillus, NY</u>	Sampling Method	<u>Butler</u>	Project #	<u>46698</u>

Well information:

Depth of Well * 209.95 ft.
 Depth to Water * 85.73 ft.
 Length of Water Column 124.22 ft.

* Measurements taken from

<input checked="" type="checkbox"/>	Top of Well Casing
<input type="checkbox"/>	Top of Protective Casing
<input type="checkbox"/>	(Other, Specify)

Start Purge Time: _____

Elapsed Time (min.)	(0.3-ft) Depth To Water (ft)	(3%) Temperature (celsius)	(0.1) pH	(3%) Conductivity (ms/cm)	(10 mV) Oxidation Reduction Potential	(10%) Dissolved Oxygen (mg/l)	(10%) Turbidity (NTU)	(100-500 ml/min) Flow Rate (ml/min)
0		19.85	6.83	>100	-82	3.26	56.4	
5		19.87	7.42	>100	-126	3.67	48.9	
10		18.67	7.73	>100	-126	1.09	21.5	
15		20.4	7.84	>100	-176	2.34	17.1	
20								
25								
		Purged ~18 gal well went			Dry			
7/18/12 @ 1125	940Z	Sampling using a PVC Butler.						

End Purge Time: _____

Water sample:

Time collected: 7/18/12 @ 1151

Physical appearance at start

Color Milky-grea
 Odor NO
 Sheen/Free Product NO

Density Measurement

Start 1.082 End 1.084

Total volume of purged water removed:

~18 gallons

Physical appearance at sampling

Color Clear
 Odor NO
 Sheen/Free Product NO

Field Test Results:

Dissolved ferrous iron: -
 Dissolved total iron: -
 Dissolved total manganese: -
 Dissolved Oxygen: ✓

SCA-0057-03

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date 7/11/12 - 7/18/12 Personnel JWR, KJK Weather -90° F Sunny
 Site Name WB13 SCA Evacuation Method Groundwater Pump Well # SR915-MW-02 RB
 Site Location Camillus, NY Sampling Method Bailed Project # 46698

Well information:

Depth of Well * _____ ft. * Measurements taken from _____
 Depth to Water * 78.63 ft. Top of Well Casing
 Length of Water Column _____ ft. _____ Top of Protective Casing
 (Other, Specify) _____

Start Purge Time: 1050

Elapsed Time (min.)	(0.3-ft) Depth To Water (ft)	(3%) Temperature (celsius)	(0.1) pH	(3%) Conductivity (ms/cm)	(10 mV) Oxidation Reduction Potential	(10%) Dissolved Oxygen (mg/l)	(10%) Turbidity (NTU)	(100-500 ml/min) Flow Rate (ml/min)
0	86.30	18.51	8.39	90.0	-168	8.42		NA
11:05:15	91.70	17.98	7.62	93.1	-136	1.86	94.3	NA
20	105.52	17.09	7.35	92.2	-130	6.93	43.8	NA
37	163.80	18.74	7.04	91.1	-126	0.94	24.2	NA
48	185.82	19.30	6.85	88.8	-115	0.56	26.5	NA
7/18/12 @ 1218	79.32	Using Bailar to sample						

1.034
1.032
1.032

End Purge Time: _____

Water sample: Time collected: 7/18/12 @ 1236

Physical appearance at start
 Color _____
 Odor _____
 Sheen/Free Product _____

Density Measurement Start 1.034 End 1.032

Total volume of purged water removed: ~24 gallons

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

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

SCA-0057-04

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filled	Preservative	Container pH

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date 7/18/12 Personnel EBR Weather Overcast 77°
Site Name WB13 SCA Evacuation Method Well # SB915-MW-91S
Site Location Camillus, NY Sampling Method Grundfos Project # 46698

Well information:

Depth of Well * 43.95 ft. * Measurements taken from
Depth to Water * 27.29 ft.
Length of Water Column ft.
[X] Top of Well Casing
Top of Protective Casing
(Other, Specify)

Start Purge Time: 1138

Table with 9 columns: Elapsed Time (min.), (0.3-ft) Depth To Water (ft), (3%) Temperature (celsius), (0.1) pH, (3%) Conductivity (ms/cm), (10 mV) Oxidation Reduction Potential, (10%) Dissolved Oxygen (mg/l), (10%) Turbidity (NTU), (100-500 ml/min) Flow Rate (ml/min). Includes handwritten data for 0-35 minutes and S.G. values.

End Purge Time: 1215

Water sample: Time collected: 1316 Density Measurement Start 1.020 End 1.022
Total volume of purged water removed: 2 gals.
Physical appearance at start: Color Cloudy, Odor None, Sheen/Free Product None
Physical appearance at sampling: Color Clear, Odor None, Sheen/Free Product None

Field Test Results: Dissolved ferrous iron:
Dissolved total iron:
Dissolved total manganese:
Dissolved Oxygen:
SCA-0057-05

Analytical Parameters:

Table with 6 columns: Container Size, Container Type, # Collected, Field Filtered, Preservative, Container pH.

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date 7/18/12 Personnel STW Weather 85/cloudy
 Site Name WB13 SCA Evacuation Method grubbers Well # SR115-MW-9 15N
 Site Location Camillus, NY Sampling Method _____ Project # 46698

Well Information:

Depth of Well * _____ ft. * Measurements taken from _____
 Depth to Water * 77.85 ft. Top of Well Casing
 Length of Water Column _____ ft. _____ Top of Protective Casing
 (Other, Specify) _____

Start Purge Time: 1135

Elapsed Time (min.)	(0.3-ft) Depth To Water (ft)	(3%) Temperature (celsius)	(0.1) pH	(3%) Conductivity (ms/cm)	(10 mV) Oxidation Reduction Potential	(10%) Dissolved Oxygen (mg/l)	(10%) Turbidity (NTU)	(100-500 ml/min) Flow Rate (ml/min)
0	77.98	21.70	8.25	21.8	-212	0.83	187	320
5	77.98	19.10	8.44	19.7	-210	0.15	72.5	240
10	78.08	18.64	8.04	16.6	-187	0.02	69.4	320
15	78.12	19.22	7.75	13.5	-165	0.00	43.2	320
20	78.12	19.38	7.59	12.1	-151	0.00	37.5	320
25	78.09	19.42	7.44	11.2	-139	0.00	23.3	320
30	78.30	19.79	7.34	10.6	-132	0.00	21.1	320
35	78.31	19.81	7.29	10.1	-128	0.00	17.5	320
40	78.23	19.94	7.25	9.79	-124	0.00	16.5	320
45	78.09	20.00	7.22	9.56	-123	0.00	15.0	320
50	78.08	20.00	7.19	9.30	-121	0.00	13.9	320
55	78.04	20.16	7.18	9.09	-119	0.00	13.5	320
60	78.06	20.43	7.16	9.01	-118	0.00	11.5	320
65	78.09	20.30	7.15	7.80	-117	0.00	13.2	320
70								

End Purge Time: _____

Water sample: _____ Density Measurement Start 1.012 End 1.008
 Time collected: 1307 Total volume of purged water removed: ~10
 Physical appearance at start: Color slight brown murk Physical appearance at sampling: Color clear
 Odor chemical/sulphur Odor none
 Sheen/Free Product none Sheen/Free Product none

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

SCA-0057-02

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

Date 7/18/2012 Personnel P. Freyzer Weather Mostly Cloudy 85° breezy
 Site Name WB13 SCA Evacuation Method Submersible Pump Well # SB915-MW-91I
 Site Location Camillus, NY Sampling Method Low-Flow Project # 46698

Well Information:

Depth of Well * 127.89 ft. * Measurements taken from
 Depth to Water * 77.65 ft. Top of Well Casing
 Length of Water Column 50.23 ft. Top of Protective Casing
 (Other, Specify)

Start Purge Time: 1138

Elapsed Time (min.)	(0.3-ft) Depth To Water (ft)	(3%) Temperature (celsius)	(0.1) pH	(3%) Conductivity (ms/cm)	(10 mV) Oxidation Reduction Potential	(10%) Dissolved Oxygen (mg/l)	(10%) Turbidity (NTU)	(100-500 ml/min) Flow Rate (ml/min)
0	77.65	18.92	6.68	6.15	12	1.37	7100	320
5	77.70	15.56	6.59	6.78	-66	0.08	7100	500
10	77.69	14.82	6.97	6.96	-67	0.00	7100	500
15	77.69	14.72	7.07	6.99	-64	0.00	588	500
20	77.69	14.87	7.20	6.99	-66	0.00	823	500
25	77.69	14.88	7.16	7.00	-63	0.00	148	470
30	77.69	14.90	7.15	7.00	-62	0.00	117	470
35	77.69	14.79	7.15	7.00	-63	0.00	78.3	480
40	77.69	14.88	7.15	7.01	-64	0.00	64.3	480
45	77.69	14.87	7.15	7.01	-64	0.00	41.2	480
50	77.69	14.85	7.15	7.02	-66	0.00	21.1	480
55	77.69	14.85	7.16	7.02	-66	0.00	32.0	480
60	77.69	14.90	7.17	7.03	-68	0.00	32.9	480

End Purge Time: 1240

Water sample: SCA-0057-01 Density Measurement Start 1.004 End 1.006
 Time collected: 1250 AM Total volume of purged water removed: 9 gal

Physical appearance at start	Physical appearance at sampling
Color <u>Tanish - Clear</u>	Color <u>Clear</u>
Odor <u>None</u>	Odor <u>None</u>
Sheen/Free Product <u>None</u>	Sheen/Free Product <u>None</u>

Field Test Results:

- Dissolved ferrous iron: N/A
- Dissolved total iron: N/A
- Dissolved total manganese: N/A
- Dissolved Oxygen: N/A

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date 7-18-12 Personnel JMN Weather Partly Cloudy 80's
 Site Name WB13 SCA Evacuation Method Grounds Well # SB915-MW-91D
 Site Location Camillus, NY Sampling Method Low Flow Project # 46698

Well information:

Depth of Well * 136.19 ft.
 Depth to Water * 77.28 ft.
 Length of Water Column _____ ft.

* Measurements taken from

<input checked="" type="checkbox"/>	Top of Well Casing
<input type="checkbox"/>	Top of Protective Casing
<input type="checkbox"/>	(Other, Specify)

Start Purge Time: 1130

Elapsed Time (min.)	(0.3-ft) Depth To Water (ft)	(3%) Temperature (celsius)	(0.1) pH	(3%) Conductivity (ms/cm)	(10 mV) Oxidation Reduction Potential	(10%) Dissolved Oxygen (mg/l)	(10%) Turbidity (NTU)	(100-500 ml/min) Flow Rate (ml/min)
0	^{14.06} 75.70	15.70	6.33	7.80	137	1.17	260	500
5	77.88	15.01	6.66	7.94	39	0.25	90.5	500
10	77.80	15.53	6.62	7.97	11	0.14	49.4	450
15	77.80	15.73	6.57	7.83	-4	0.06	27.4	480
20	77.60	15.90	6.54	7.82	-16	0.00	21.4	480
25	77.80	15.87	6.53	7.81	-26	0.00	19.4	480
30	77.80	15.95	6.53	7.73	-36	0.00	15.7	480
35	77.80	16.13	6.53	7.82	-42	0.00	13.4	480
40	77.80	16.10	6.53	7.84	-47	0.00	13.1	480
45	77.85	16.10	6.53	7.92	-50	0.00	12.0	480

End Purge Time: 1220

Water sample: _____
 Time collected: 1303
 Physical appearance at start:
 Color Cloudy
 Odor NM
 Sheen/Free Product NM

Density Measurement Start 1.003 End 1.002
 Total volume of purged water removed: _____
 Physical appearance at sampling:
 Color Clear
 Odor NM
 Sheen/Free Product NM

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

SCA-0057-06, DUP
SCA-0057-07 DUP

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date: 8/16/2012 Personnel: P. Freyer Weather: Sunny 82°F
 Site Name: WB13 SCA Evacuation Method: Peristaltic Pump Well #: SB915-MW-985
 Site Location: Camillus, NY Sampling Method: Low flow Project #: 46698

Well information:

Depth of Well * 36.15 ft.
 Depth to Water * 26.84 ft.
 Length of Water Column 9.31 ft.

* Measurements taken from

<input checked="" type="checkbox"/>	Top of Well Casing
<input type="checkbox"/>	Top of Protective Casing
<input type="checkbox"/>	(Other, Specify)

Start Purge Time: 1050

Elapsed Time (min.)	(0.3-ft) Depth To Water (ft)	(3%) Temperature (celsius)	(0.1) pH	(3%) Conductivity (ms/cm)	(10 mV) Oxidation Reduction Potential	(10%) Dissolved Oxygen (mg/l)	(10%) Turbidity (NTU)	(100-500 ml/min) Flow Rate (ml/min)
0	26.82	20.79	7.20	3.57	25	1.34	630	400
5	26.82	16.55	7.29	3.47	8	0.00	369	400
10	26.82	14.68	7.32	3.40	-4	0.00	178	420
15	26.82	12.70	7.34	3.39	-11	0.00	143	400
20	26.82	12.49	7.34	3.49	-14	0.00	70	420
27	26.82	12.49	7.35	3.47	-8	0.00	62	420
30	26.82	12.31	7.35	3.47	-11	0.00	51	400
35	26.82	12.35	7.35	3.44	-12	0.00	34	400
40	26.82	12.28	7.35	3.42	-12	0.00	30	400
45	26.82	12.24	7.35	3.40	-11	0.00	15	400
50	26.82	12.21	7.35	3.40	-14	0.00	14	400
55	26.82	12.21	7.35	3.39	-14	0.00	14	400
60	26.82	12.23	7.35	3.37	-15	0.00	14	400

End Purge Time: 1154

Water sample: Density Measurement Start 1.002 End 1.002
 Time collected: 1218 Total volume of purged water removed: ~8

Physical appearance at start: Color Clearish brown Odor None Sheen/Free Product None
 Physical appearance at sampling: Color Clear Odor None Sheen/Free Product None

Field Test Results: Dissolved ferrous iron: N/A
 Dissolved total iron: N/A
 Dissolved total manganese: N/A
 Dissolved Oxygen: N/A

SCA-0055-02

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date 7/16/12 Personnel TBP Weather _____
 Site Name WB13 SCA Evacuation Method _____ Well # SR915-MW-975
 Site Location Camillus, NY Sampling Method _____ Project # 46698

Well information:

Depth of Well * 36.71 ft. * Measurements taken from _____
 Depth to Water * 28.79 ft. Top of Well Casing
 Length of Water Column _____ ft. _____ Top of Protective Casing
 (Other, Specify) _____

Start Purge Time: _____

Elapsed Time (min.)	(0.3-ft) Depth To Water (ft)	(3%) Temperature (celsius)	(0.1) pH	(3%) Conductivity (ms/cm)	(10 mV) Oxidation Reduction Potential	(10%) Dissolved Oxygen (mg/l)	(10%) Turbidity (NTU)	(100-500 ml/min) Flow Rate (ml/min)
0	28.79	19.68	6.19	2.14	148	1.47	7100	300
5	28.79	17.29	6.50	2.53	85	0.40	466	300
10	28.79	17.20	6.53	2.71	49	0.42	161	300
15	28.79	17.28	6.53	2.76	40	.43	69.0	300
20	28.79	17.20	6.54	2.79	35	.39	48.0	300
25	28.79	17.24	6.54	2.89	29	.32	25.8	300
30	28.79	17.30	6.54	2.89	26	.29	17.1	300
35	28.79	17.43	6.54	2.90	24	.29	14.8	300
40	28.79	15.24	6.60	2.78	25	.29	25.6	300
45	28.79	15.68	6.59	2.76	26	.28	14.1	300
50	28.79	16.21	6.58	2.87	25	.27	10.6	300
55	28.79	16.57	6.59	2.88	25	.33	7.63	300
60								

1030

1.004

1.004

1.004

1.004

End Purge Time: 1125

Water sample: _____ Density Measurement Start 1.004 End 1.004
 Time collected: 1145 Total volume of purged water removed: ~10 gallons
 Physical appearance at start: Color Cloudy Physical appearance at sampling: Color clear
 Odor NONE Odor NONE
 Sheen/Free Product NONE Sheen/Free Product NONE

Field Test Results: Dissolved ferrous iron: - SCA-00055-03
 Dissolved total iron: -
 Dissolved total manganese: -
 Dissolved Oxygen: -

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date 7/16/12 Personnel EBR Weather Hot 80°F Sunny
 Site Name WB13 SCA Evacuation Method _____ Well # SR915-M6-89S
 Site Location Camillus, NY Sampling Method Peristaltic Project # 46698

Well information:

Depth of Well * 34.35 ft.
 Depth to Water * 28.71 ft.
 Length of Water Column _____ ft.

* Measurements taken from

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

Start Purge Time: 1115

Elapsed Time (min.)	(0.3-ft) Depth To Water (ft)	(3%) Temperature (celsius)	(0.1) pH	(3%) Conductivity (ms/cm)	(10 mV) Oxidation Reduction Potential	(10%) Dissolved Oxygen (mg/l)	(10%) Turbidity (NTU)	(100-500 ml/min) Flow Rate (ml/min)	S.G.
0	28.72	19.26	6.82	1.44	79	0.16	87.3	250	1.002
5	28.72	17.73	7.12	1.98	87	0.24	25.3	260	1.002
10	28.72	17.41	7.26	1.95	91	0.05	18.3	260	
15	28.72	17.56	7.34	1.97	95	0.05	14.3	260	1.002
20	28.72	17.51	7.40	1.95	97	0.04	11.7	260	1.004
25	28.72	17.32	7.41	1.97	98	0.01	7.84	260	1.004
30	28.72	17.11	7.41	1.99	100	0.01	5.67	260	1.003
35	28.72	17.42	7.40	1.97	102	0.00	4.26	260	1.002

End Purge Time: 1150

Water sample: _____ Density Measurement Start 1.002 End 1.002
 Time collected: 1254 Total volume of purged water removed: _____

Physical appearance at start
 Color Brown
 Odor None
 Sheen/Free Product None

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

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

SCA-0055-04

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date 7/16/12 Personnel JMN Weather Sunny/ Pt Cloudy 85°F
 Site Name WB13 SCA Evacuation Method Gravelos Well # SB915-MW-89I
 Site Location Camillus, NY Sampling Method _____ Project # 46698

Well information:

Depth of Well * 55.85 ft.
 Depth to Water * 28.73 ft.
 Length of Water Column _____ ft.

* Measurements taken from

<input checked="" type="checkbox"/>	Top of Well Casing
<input type="checkbox"/>	Top of Protective Casing
<input type="checkbox"/>	(Other, Specify)

Start Purge Time: 1125

Elapsed Time (min.)	(0.3-ft) Depth To Water (ft)	(3%) Temperature (celsius)	(0.1) pH	(3%) Conductivity (ms/cm)	(10 mV) Oxidation Reduction Potential	(10%) Dissolved Oxygen (mg/l)	(10%) Turbidity (NTU)	(100-500 ml/min) Flow Rate (ml/min)
0	28.86	15.56	6.66	9.56	-6	23.1	590	480
5	28.86	15.54	6.88	8.82	-6	3.0	322	480
10	28.86	15.29	6.98	8.67	-7	0.0	166	420
15	28.85	15.38	7.03	8.67	-9	0.0	131	420
20	28.86	15.41	7.06	8.70	-11	0.0	97.3	420
25	28.86	15.50	7.08	8.72	-11	0.0	89.1	420
30	28.86	15.44	7.08	8.75	-11	0.0	80.0	420
35	28.86	15.34	7.10	8.77	-10	0.0	79.1	420
40	28.86	15.32	7.11	8.79	-9	0.0	71.7	420
45	28.86	15.45	7.12	8.80	-7	0.0	58.5	420
50	28.86	15.65	7.12	8.80	-6	0.0	52.9	420
55	28.86	15.53	7.13	8.83	-4	0.0	35.5	420
60	28.86	15.54	7.13	8.83	-2	0.0	29.7	420
65	28.86	15.60	7.13	8.85	0	0.0	26.7	420
70	28.86	15.53	7.13	8.86	0	0.0	18.1	420

1125
1130

1.003
1.001
1.003
1.003
1.004
1.004
1.004
1.004
1.004
1.002
1.002
1.002
1.002
1.002
1.002
1.002

End Purge Time: 1258

Water sample:

Density Measurement

Start 1.003

End 1.002

Time collected: 1256

Total volume of purged water removed:

12gal

Physical appearance at start

Physical appearance at sampling

Color Cloudy

Color Clear

Odor None

Odor None

Sheen/Free Product None

Sheen/Free Product None

Field Test Results:

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

SCA-0055-05

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date 7/16/12 Personnel JAK Weather ~ 90°F, Partly cloudy
 Site Name WB13 SCA Evacuation Method Ground Gas Well # SB915-M62-891
 Site Location Camillus, NY Sampling Method Low-Flow Project # 46698

Well information:

Depth of Well * 75.43 ft.
 Depth to Water * 28.81 ft.
 Length of Water Column 46.62 ft.

* Measurements taken from

<input checked="" type="checkbox"/>	Top of Well Casing
<input type="checkbox"/>	Top of Protective Casing
<input type="checkbox"/>	(Other, Specify)

Start Purge Time: 1115

Elapsed Time (min.)	(0.3-ft) Depth To Water (ft)	(3%) Temperature (celsius)	(0.1) pH	(3%) Conductivity (ms/cm)	(10 mV) Oxidation Reduction Potential	(10%) Dissolved Oxygen (mg/l)	(10%) Turbidity (NTU)	(100-500 ml/min) Flow Rate (ml/min)
0	28.84	15.84	6.80	17.8	-48	0.00	7999	150
5	28.84	16.33	6.74	17.9	-53	0.00	7999	200
10	28.84	16.73	6.70	17.9	-58	0.00	7999	200
15	28.84	16.58	6.85	17.9	-35	0.00	7999	200
20	28.84	15.98	6.81	18.1	-41	0.00	914	400
25	28.85	16.03	6.79	18.2	-44	0.00	629	450
30	28.86	15.92	6.65	18.3	-44	0.00	392	480
35	28.85	16.11	6.60	18.3	-44	0.00	278	480
40	28.85	16.00	6.58	18.2	-43	0.00	165	400
45	28.84	15.95	6.59	18.2	-43	0.00	116	400
50	28.84	15.98	6.57	18.3	-42	0.00	76.5	400
55	28.84	16.09	6.58	18.3	-42	0.00	57.1	400
60	28.84	16.30	6.69	18.2	-47	0.00	38.7	400
65	28.84	16.16	6.72	18.1	-49	0.00	30.4	410
70	28.84	16.15	6.73	18.1	-48	0.00	23.7	410

1.008
1.006
1.006
1.006
1.006
1.006

End Purge Time: 1225

SCA-0055-06

Water sample: Density Measurement Start 1.008 End 1.006
 Time collected: 1240 Total volume of purged water removed: 10 gal

Physical appearance at start: Color Light brown - cloudy
 Odor NO
 Sheen/Free Product NO

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

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

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date 7/16/12 Personnel SJW Weather 90/overcast
 Site Name WB13 SCA Evacuation Method Groundfos Well # SB915-MW-89BR
 Site Location Camillus, NY Sampling Method _____ Project # 46698

Well information:

Depth of Well * _____ ft. * Measurements taken from _____
 Depth to Water * 28.95 ft. X Top of Well Casing
 Length of Water Column _____ ft. _____ Top of Protective Casing
 (Other, Specify) _____

Start Purge Time: 12:10

1220

Elapsed Time (min.)	(0.3-ft) Depth To Water (ft)	(3%) Temperature (celsius)	(0.1) pH	(3%) Conductivity (ms/cm)	(10 mV) Oxidation Reduction Potential	(10%) Dissolved Oxygen (mg/l)	(10%) Turbidity (NTU)	(100-500 ml/min) Flow Rate (ml/min)
0	29.27	18.01	6.74	31.5	57	1.02	56.3	320
5	29.30	16.52	6.79	82.9	-75	0.44	18.5	300
10	29.28	16.78	7.09	84.6	-88	0.31	90.8	300
15	29.24	16.53	7.19	84.4	-87	0.18	43.5	240
20	29.35	15.78	7.27	83.9	-91	0.10	21.1	300
25	29.37	15.75	7.32	83.4	-94	0.12	13.9	320
30	29.39	15.83	7.34	82.1	-97	0.00	10.0	320
35	29.39	15.87	7.35	81.4	-99	0.00	10.6	320
38	29.41	16.16	7.34	81.4	-101	0.00	11.0	300
41	29.43	16.18	7.34	81.3	-102	0.00	7.09	300
44	29.41	16.02	7.34	80.8	-102	0.00	6.28	300
47	29.41	16.02	7.33	80.8	-102	0.00	6.62	300

SP6
1.018

1.040

End Purge Time: 1309

Water sample:
 Time collected: 1336
 Physical appearance at start
 Color clear
 Odor none
 Sheen/Free Product none

Density Measurement Start 1.018 End 1.040
 Total volume of purged water removed: ~5 gallons
 Physical appearance at sampling
 Color clear
 Odor none
 Sheen/Free Product none

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

SCA-0055-07

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date 7/16/12 Personnel KJK Weather Partly Sunny ~ 85°F
 Site Name WB13 SCA Evacuation Method Ground to S Well # SB15-MCW-995
 Site Location Camillus, NY Sampling Method Ground to S Project # 46698

Well information:

Depth of Well * 33.65 ft.
 Depth to Water * 26.95 ft.
 Length of Water Column 6.70 ft.

* Measurements taken from

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

Start Purge Time: 1200

Elapsed Time (min.)	(0.3-ft) Depth To Water (ft)	(3%) Temperature (celsius)	(0.1) pH	(3%) Conductivity (ms/cm)	(10 mV) Oxidation Reduction Potential	(10%) Dissolved Oxygen (mg/l)	(10%) Turbidity (NTU)	(100-500 ml/min) Flow Rate (ml/min)
0	26.96	16.61	6.69	3.92	-12	0.77	7999	460
5	26.96	15.32	6.49	5.70	-37	0.16	297	600
10	26.96	15.62	6.46	6.08	-48	0.07	141	400
15	26.96	15.88	6.45	6.35	-52	0.03	75.6	400
20	26.96	16.06	6.45	6.47	-55	0.00	47.6	400
25	26.96	16.14	6.45	6.45	-56	0.00	40.6	400
30	26.96	16.19	6.45	6.56	-58	0.00	29.8	400
33	26.96	16.23	6.45	6.58	-59	0.00	27.0	400
36	26.96	16.24	6.45	6.59	-60	0.00	26.0	400

End Purge Time: 1236

Water sample: SCA-COSS-08
 Time collected: 1244
 Physical appearance at start
 Color Light Brown
 Odor None
 Sheen/Free Product None

Density Measurement Start 1.006 End 1.004
 Total volume of purged water removed: 6 gal
 Physical appearance at sampling
 Color Clear
 Odor None
 Sheen/Free Product None

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

(118.00 Hz)

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date 7/16/17 Personnel TBP Weather _____
 Site Name WB13 SCA Evacuation Method _____ Well # SB915-MW-1005
 Site Location Camillus, NY Sampling Method _____ Project # 46698

Well information:

Depth of Well * 32.42 ft.
 Depth to Water * 24.47 ft.
 Length of Water Column _____ ft.

* Measurements taken from

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

Start Purge Time: _____

Elapsed Time (min.)	(0.3-ft) Depth To Water (ft)	(3%) Temperature (celsius)	(0.1) pH	(3%) Conductivity (ms/cm)	(10 mV) Oxidation Reduction Potential	(10%) Dissolved Oxygen (mg/l)	(10%) Turbidity (NTU)	(100-500 ml/min) Flow Rate (ml/min)
0	24.47	16.81	8.46	14.8	-119	1.27	32	700
5	24.47	15.21	8.48	14.5	-187	0.00	22.9	700
10	24.47	14.95	8.49	14.4	-189	0.00	16.5	660
15	24.47	15.37	8.49	14.3	-192	0.00	14.7	600
20	24.47	15.68	8.49	14.2	-193	0.00	12.6	500
25	24.47	15.68	8.43	14.3	-195	0.00	9.10	500
30	24.47	15.58	8.49	14.3	-195	0.00	6.88	500

End Purge Time: 1315

Water sample: _____ Density Measurement Start 1.010 End 1.010
 Time collected: 1338 Total volume of purged water removed: _____

Physical appearance at start
 Color clear
 Odor Yes
 Sheen/Free Product NONE

Physical appearance at sampling
 Color clear
 Odor Slight
 Sheen/Free Product NB

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

SCA-0055-09

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date 7/13/12 Personnel JWR Weather ~90°F Sunny
 Site Name WB13 SCA Evacuation Method Peristaltic Pump Well # SR415-MG-1015
 Site Location Camillus, NY Sampling Method Low flow Project # 46698

Well information:

Depth of Well * 23.71 ft.
 Depth to Water * 24.95 ft.
 Length of Water Column 8.76 ft.

* Measurements taken from

<input checked="" type="checkbox"/>	Top of Well Casing
<input type="checkbox"/>	Top of Protective Casing
<input type="checkbox"/>	(Other, Specify)

Start Purge Time: 1125

Elapsed Time (min.)	(0.3-ft) Depth To Water (ft)	(3%) Temperature (celsius)	(0.1) pH	(3%) Conductivity (ms/cm)	(10 mV) Oxidation Reduction Potential	(10%) Dissolved Oxygen (mg/l)	(10%) Turbidity (NTU)	(100-500 ml/min) Flow Rate (ml/min)	Density
0	24.95	19.24	6.27	13.0	-33	2.11	302	220	
5	24.95	17.92	6.98	12.8	-118	0.00	294	220	1.004
10	24.95	16.26	7.49	12.2	-148	0.00	159	300	
15	24.95	15.39	7.70	11.9	-154	0.00	100	300	
20	24.95	14.15	7.71	12.0	-150	0.00	76.1	350	1.004
25	24.95	13.94	7.70	11.9	-147	0.00	57.9	350	
30	24.95	13.59	7.68	11.9	-146	0.00	55.9	350	
35	24.95	13.51	7.69	11.8	-147	0.00	47.4	350	
40	24.95	13.64	7.69	11.8	-148	0.00	37.9	350	
45	24.95	13.56	7.71	11.8	-150	0.00	34.2	350	
48	24.95	13.66	7.72	11.8	-151	0.00	31.2	350	
51	24.95	13.46	7.73	11.8	-152	0.00	26.2	350	
54	24.95	13.48	7.74	11.8	-153	0.00	27.8	350	
57	24.95	13.50	7.75	11.8	-154	0.00	26.7	350	1.004

End Purge Time: 1237

Water sample: _____ Density Measurement Start 1.004 End 1.004
 Time collected: 1237 Total volume of purged water removed: ~4.0 gallons
 Physical appearance at start _____ Physical appearance at sampling _____
 Color Light - med gray Color Clear
 Odor Slight Odor Slight
 Sheen/Free Product None Sheen/Free Product NO

Field Test Results: Dissolved ferrous iron: - SCA-0054-01
 Dissolved total iron: -
 Dissolved total manganese: -
 Dissolved Oxygen: -

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date 7/13/12 Personnel PK Freyer Weather Sunny 85°F
 Site Name WB13 SCA Evacuation Method peristaltic pump Well # SR915-MW-102S
 Site Location Camillus, NY Sampling Method Low-Flow Project # 46698

Well information:

Depth of Well * 31.90 ft. * Measurements taken from
 Depth to Water * 23.86 ft. Top of Well Casing
 Length of Water Column _____ ft. Top of Protective Casing
 (Other, Specify) _____

Start Purge Time: 11:20

Elapsed Time (min.)	(0.3-ft) Depth To Water (ft)	(3%) Temperature (celsius)	(0.1) pH	(3%) Conductivity (ms/cm)	(10 mV) Oxidation Reduction Potential	(10%) Dissolved Oxygen (mg/l)	(10%) Turbidity (NTU)	(100-500 ml/min) Flow Rate (ml/min)
0	23.86	32.10	6.26	4.64	-9	2.30	252	400
5	23.89	18.55	6.81	5.61	-51	0.0	141	400
10	23.89	17.08	6.83	5.76	-48	0.26	79.7	400
15	23.89	14.81	6.81	6.08	-47	0.00	53.6	400
20	23.88	15.63	6.80	6.12	-51	0.00	51.8	300
35	23.88	17.00	6.89	6.13	-66	0.00	30.6	400
40	23.88	13.64	6.84	6.20	-64	0.00	18.1	400
45	23.87	13.53	6.86	6.20	-66	0.00	13.5	400
50	23.88	13.43	6.88	6.21	-67	0.00	13.1	400
55	23.88	13.37	6.89	6.21	-68	0.00	11.5	400
60	23.88	13.44	6.93	6.20	-70	0.00	5.21	400
65	23.88	13.44	7.03	6.19	-75	0.00	5.41	400
70	23.88	13.39	7.04	6.19	-76	0.00	3.76	400
73	23.88	13.38	7.02	6.21	-75	0.00	4.89	400
76	23.88	13.38	7.03	6.22	-73	0.00	4.76	400
79	23.88	13.30	6.99	6.19	-72	0.00	4.88	400

Resume pumping @ 20 Pump lowered Pump failed

End Purge Time: 12:41

Water sample: SCA-0854-02 Density Measurement Start 1.004 End 1.008
 Time collected: 1310 Total volume of purged water removed: ~7 gal

Physical appearance at start
 Color clearish (slight gray)
 Odor None
 Sheen/Free Product None

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

Field Test Results: Dissolved ferrous iron: N/A
 Dissolved total iron: N/A
 Dissolved total manganese: N/A
 Dissolved Oxygen: N/A

* Battery died on the peristaltic pump @ 1144, resumed pumping @ 1153

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date 7/13/12 Personnel A.K. Morton Weather 90+ hazy hot humid
 Site Name WB13 SCA Evacuation Method Ground Gas Well # SR415-MW-93S
 Site Location Camillus, NY Sampling Method low flow Project # 46698

Well information:

Depth of Well * 26.19 ft.
 Depth to Water * 23.47 ft.
 Length of Water Column 2.72 ft.

* Measurements taken from

SCA-0054-03

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

Start Purge Time: 1125

Elapsed Time (min.)	(0.3-ft) Depth To Water (ft)	(3%) Temperature (celsius)	(0.1) pH	(3%) Conductivity (ms/cm)	(10 mV) Oxidation Reduction Potential	(10%) Dissolved Oxygen (mg/l)	(10%) Turbidity (NTU)	(100-500 ml/min) Flow Rate (ml/min)	Density
0	23.47	17.88	6.40	5.75	122	94.5	>100	300	1.004
5	23.47	18.11	6.70	5.80	77	79.8	>100	300	1.004
10	23.48	18.64	6.85	5.84	38	74.7	>100	320	1.004
15	23.48	18.58	6.97	5.89	21	73.1	651	320	1.002
20	23.48	17.40	7.03	6.06	10	72.3	400	340	1.002
25	23.48	17.04	7.07	6.01	6	68.8	400	360	1.004
30	23.48	17.77	7.10	5.97	2	4.5	319	320	1.002
35	23.48	17.76	7.12	5.97	0.00	0.0	292	320	1.002
40	23.48	17.93	7.13	5.99	-3	0.0	257	320	1.002
45	23.48	17.85	7.15	6.00	-5	0.0	194	320	1.002
50	23.48	17.92	7.16	5.99	-7	0.0	180	320	1.004
55	23.48	18.03	7.16	5.97	-7	0.0	160	320	1.002
60	23.48	17.99	7.16	5.98	-8	0.0	153	320	1.002
65	23.48	17.98	7.17	5.99	-8	0.0	104	320	1.002
70	23.48	17.88	7.17	6.00	-9	0.0	97.8	320	1.007
75	23.48	18.00	7.17	5.99	-9	0.0	78.6	320	1.002
80	23.48	17.91	7.18	6.00	-9	0.0	65.6	320	1.002
85	23.48	18.20	7.18	5.97	-9	0.0	57.3	320	1.002
90	23.48	18.24	7.18	5.96	-10	0.0	53.4	380	1.002

End Purge Time: 1316

Water sample:

Density Measurement

Start 1.504

End 1.002

Time collected: 1316

Total volume of purged water removed:

11 gallons

Physical appearance at start

Physical appearance at sampling

Color murky grey/brown very turbid
 Odor none

Color clear
 Odor none

Sheen/Free Product none

Sheen/Free Product none

Field Test Results:

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

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date 7/13/12 Personnel EBR Weather Sunny 85°F
 Site Name WB13 SCA Evacuation Method _____ Well # SR915-MW-93J
 Site Location Camillus, NY Sampling Method Ground Yes Project # 46698

Well information:

Depth of Well * 51.70 ft. * Measurements taken from
 Depth to Water * 23.76 ft. X Top of Well Casing
 Length of Water Column _____ ft. _____ Top of Protective Casing
 (Other, Specify) _____

Start Purge Time: 1200

Elapsed Time (min.)	(0.3-ft) Depth To Water (ft)	(3%) Temperature (celsius)	(0.1) pH	(3%) Conductivity (ms/cm)	(10 mV) Oxidation Reduction Potential	(10%) Dissolved Oxygen (mg/l)	(10%) Turbidity (NTU)	(100-500 ml/min) Flow Rate (ml/min)	S.G.
0	23.78	18.06	7.84	6.38	109	9.44	>1000	500	1.006
5	23.85	16.22	7.01	6.84	56	8.45	>1000	400	1.006
10	23.83	16.84	7.06	6.85	38	10.93	>1000	200	
15	27.73	17.88	7.12	6.85	20	10.16	740	200	1.006
20	27.81	17.94	7.15	6.85	8	5.01	617	200	
25	27.83	17.78	7.17	6.85	0	5.04	554	200	1.006
30	27.83	17.65	7.18	6.85	-5	4.44	506	200	
35	27.83	17.50	7.19	6.84	-9	3.94	513	200	1.006
40	27.83	19.17	7.29	6.49	13	0.00	554	200	
45	27.83	19.30	7.22	6.51	-7	0.00	457	200	1.004
50	27.83	19.28	7.23	6.47	-12	0.00	386	200	
55	27.83	19.10	7.23	6.48	-13	0.00	377	200	
60	27.83	19.07	7.23	6.48	-14	0.00	303	200	1.004
65	27.83	19.78	7.24	6.39	-15	0.00	263	200	
70	27.83	19.13	7.23	6.43	-17	0.00	373	200	
75	27.83	19.23	7.22	6.47	-16	0.53	222	200	1.004
80	27.83	19.11	7.22	6.50	-16	0.30	192	200	
85	27.83	19.26	7.21	6.48	-16	0.13	175	200	
90	27.83	19.33	7.20	6.50	-16	0.00	162	200	
95	27.83	19.24	7.21	6.47	-17	0.00	147	200	
100	27.83	19.32	7.21	6.46	-18	0.00	136	200	
105	27.83	18.93	7.21	6.42	-19	0.00	114	200	1.004
110	27.83	18.81	7.21	6.45	-19	0.00	95.3	200	1.004

End Purge Time: _____

Water sample: _____ Density Measurement Start 1.006 End 1.004
 Time collected: 1422 Total volume of purged water removed: _____

Physical appearance at start Physical appearance at sampling
 Color Brown Color Clear
 Odor None Odor None
 Sheen/Free Product None Sheen/Free Product None

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

SCA-0054-04

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

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

Date 7/13/12 Personnel EBR Weather Sunny
 Site Name WB13 SCA Evacuation Method _____ Well # SB915-MW-93I
 Site Location Camillus, NY Sampling Method Ground Fos Project # 46698

Well information:

Depth of Well * 51.70 ft. * Measurements taken from
 Depth to Water * _____ ft. Top of Well Casing
 Length of Water Column _____ ft. _____ Top of Protective Casing
 (Other, Specify) _____

Start Purge Time: _____

Elapsed Time (min.)	(0.3-ft) Depth To Water (ft)	(3%) Temperature (celsius)	(0.1) pH	(3%) Conductivity (ms/cm)	(10 mV) Oxidation Reduction Potential	(10%) Dissolved Oxygen (mg/l)	(10%) Turbidity (NTU)	(100-500 ml/min) Flow Rate (ml/min)	
115	27.83	18.74	7.21	6.46	-14	0.00	76.0	300	S.G. 1.004
120	27.83	18.74	7.21	6.50	-18	0.00	65.5	300	
125	27.83	18.65	7.21	6.51	-18	0.00	54.6	300	1.004
130	27.83	18.65	7.22	6.50	-18	0.60	42.7		

End Purge Time: _____

Water sample: _____ Density Measurement Start _____ End _____
 Time collected: 1422 Total volume of purged water removed: _____

Physical appearance at start: Color _____ Odor _____ Sheen/Free Product _____
 Physical appearance at sampling: Color _____ Odor _____ Sheen/Free Product _____

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

SCA-0054-04

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date 7/13/12 Personnel KSK Weather Sunny
 Site Name WB13 SCA Evacuation Method Groundfos Well # SR915-MW-930
 Site Location Camillus, NY Sampling Method Groundfos Project # 46698

Well information:

Depth of Well * 63.86 ft.
 Depth to Water * 22.97 ft.
 Length of Water Column 40.89 ft.

* Measurements taken from

<input checked="" type="checkbox"/>	Top of Well Casing
<input type="checkbox"/>	Top of Protective Casing
<input type="checkbox"/>	(Other, Specify)

Start Purge Time: 1200

Elapsed Time (min.)	(0.3-ft) Depth To Water (ft)	(3%) Temperature (celsius)	(0.1) pH	(3%) Conductivity (ms/cm)	(10 mV) Oxidation Reduction Potential	(10%) Dissolved Oxygen (mg/l)	(10%) Turbidity (NTU)	(100-500 ml/min) Flow Rate (ml/min)
0	22.93	23.89	5.94	6.03	85	1.34	7999	700
5	22.93	17.61	6.33	7.53	44	0.66	7997	400
10	22.93	17.08	6.41	7.47	40	0.38	497	400
15	22.93	17.04	6.45	7.47	38	0.36	378	400
20	22.93	16.88	6.48	7.42	36	0.19	241	400
25	22.93	17.15	6.50	7.38	35	0.11	207	400
30	22.93	17.39	6.52	7.36	34	0.06	179	400
35	22.93	17.31	6.53	7.36	33	0.00	183	400
40	22.93	17.32	6.54	7.37	33	0.00	169	400
45	22.93	17.64	6.55	7.35	31	0.00	155	350
50	22.93	17.72	6.56	7.35	31	0.00	155	275
55	22.93	17.01	6.57	7.37	29	0.00	143	350
60	22.93	17.28	6.57	6.91	31	0.00	153	300
65	22.93	17.46	6.57	6.90	30	0.00	142	300
70	22.93	17.38	6.57	6.92	29	0.00	125	300
75	22.93	17.62	6.57	6.96	28	0.00	125	300
80	22.93	17.88	6.57	6.98	27	0.00	115	300
85	22.93	17.88	6.58	7.03	26	0.00	120	300
90								
95								
100								

End Purge Time: 1325

Water sample: SCA-W054-06

Time collected: 1350

Physical appearance at start
 Color Light Brown
 Odor None
 Sheen/Free Product None

Density Measurement Start 1.000 End 1.002

Total volume of purged water removed: 10 gal

Physical appearance at sampling
 Color Cloudy (Faint)
 Odor None
 Sheen/Free Product None

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

(112.00 Hz)

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date 7/13/12 Personnel TBP Weather _____
 Site Name WB13 SCA Evacuation Method ground pos Well # SB915-MW-93BR
 Site Location Camillus, NY Sampling Method _____ Project # 46698

Well information:

Depth of Well * _____ ft. * Measurements taken from _____
 Depth to Water * 29.61 ft. _____ Top of Well Casing
 Length of Water Column _____ ft. _____ Top of Protective Casing
 (Other, Specify) _____

Start Purge Time: _____

1130

1.074

1.030

1.082

1.080

Elapsed Time (min.)	(0.3-ft) Depth To Water (ft)	(3%) Temperature (celsius)	(0.1) pH	(3%) Conductivity (ms/cm)	(10 mV) Oxidation Reduction Potential	(10%) Dissolved Oxygen (mg/l)	(10%) Turbidity (NTU)	(100-500 ml/min) Flow Rate (ml/min)
0	40.75	15.10	5.69	>100.0	44	.14	86	100
5	41.12	16.54	5.72	>100.0	53	.14	86.2	100
10	41.23	17.35	5.72	>100.0	55	.12	128	100
15	41.16	18.09	5.72	>100.0	62	.07	127	100
20	41.11	18.58	5.72	>100.0	65	.03	73.6	100
25	41.48	17.37	5.86	>100.0	63	.02	70.5	100
30	41.53	17.17	5.80	>100.0	58	.01	58.6	100
35	41.47	18.71	5.87	>100.00	46	.01	48.4	100
40	41.41	19.28	5.95	>100.0	36	.01	77.5	100
45	41.34	19.45	6.05	>100.0	26	.04	39.6	100
50	42.1	16.87	6.17	>100.0	20	0.00	34.2	200
55	42.15	17.47	6.21	>100	16	0.00	34.6	100
60	42.88	17.30	6.27	>100	10	0.00	35.4	300
65	43.11	17.11	6.31	>100	9	0.00	45	150
70	43.09	18.24	6.32	>100	7	0.00	38.9	150
75	43.06	18.66	6.33	>100	9	0.00	30.6	100
80	43.05	18.80	6.33	>100	12	0.00	30.6	100
85	43.46	18.40	6.34	>100	18	0.00	32.6	150

End Purge Time: 1405

* purged well to 40.75'

Water sample: _____ Density Measurement Start _____ End _____

Time collected: 1405 Total volume of purged water removed: _____

Physical appearance at start
 Color Clear
 Odor NONE
 Sheen/Free Product NONE

Physical appearance at sampling
 Color Clear
 Odor NONE
 Sheen/Free Product NONE

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

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date 7/12/2012 Personnel P. Fryer Weather Sunny, 85°F
 Site Name WB13 SCA Evacuation Method Submersible Pump Well # SB 915-MW-883
 Site Location Camillus, NY Sampling Method Low-Flow Project # 46698

Well information:

Depth of Well * 37.35 ft.
 Depth to Water * 30.00 ft.
 Length of Water Column 7.35 ft.

* Measurements taken from

<input checked="" type="checkbox"/>	Top of Well Casing
<input type="checkbox"/>	Top of Protective Casing
<input type="checkbox"/>	(Other, Specify)

Start Purge Time: 1127

Elapsed Time (min.)	(0.3-ft) Depth To Water (ft)	(3%) Temperature (celsius)	(0.1) pH	(3%) Conductivity (ms/cm)	(10 mV) Oxidation Reduction Potential	(10%) Dissolved Oxygen (mg/l)	(10%) Turbidity (NTU)	(100-500 ml/min) Flow Rate (ml/min)
0	30.00	16.53	6.69	2.74	112	1.73	>1000	550
5	30.01	16.13	7.07	2.92	18	0.07	268	480
10	30.01	16.64	7.14	3.02	-19	0.00	275	380
15	30.01	17.03	7.18	3.05	-36	0.00	232	400
20	30.01	17.23	7.22	3.10	-54	0.00	233	400
25	30.01	16.97	7.25	3.15	-64	0.00	142	400
30	30.01	16.65	7.27	3.15	-72	0.00	120	410
35	30.01	16.57	7.29	3.16	-76	0.00	113	410
40	30.01	16.55	7.31	3.17	-80	0.00	90.6	410 ^{PF}
45	30.01	16.55	7.33	3.18	-80	0.00	67.1	410
50	30.01	16.51	7.35	3.19	-87	0.00	57.8	410
55	30.01	16.45	7.35	3.19	-88	0.00	59.7	410
60	30.01	16.43	7.36	3.19	-89	0.00	56.7	410
65	30.01	16.27	7.36	3.20	-90	0.00	55.6	410
70	30.01	16.32	7.36	3.18	-91	0.00	43.2	410
75	30.01	16.25	7.36	3.17	-92	0.00	44.2	410
80	30.01	16.22	7.37	3.18	-92	0.00	29.5	410
83	30.01	16.14	7.37	3.18	-93	0.00	26.3	410
86	30.01	16.17	7.37	3.17	-93	0.00	25.8	410
89	30.01	16.17	7.38	3.18	-93	0.00	23.5	410

End Purge Time: 1300

Water sample: 01 Density Measurement Start 1.001 End 1.001
 Time collected: 1320 Total volume of purged water removed: 12 gal
 Physical appearance at start: Color grayish, Odor None, Sheen/Free Product None
 Physical appearance at sampling: Color Clear, Odor None, Sheen/Free Product None

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

SCA-0053-01

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date 7/12 Personnel TBP Weather ~90°F Sunny
 Site Name WB13 SCA Evacuation Method _____ Well # SPAL5-MW-885
 Site Location Camillus, NY Sampling Method _____ Project # 46698

Well information:

Depth of Well * 54.15 ft.
 Depth to Water * 30.01 ft.
 Length of Water Column _____ ft.

* Measurements taken from

<input checked="" type="checkbox"/>	Top of Well Casing
<input type="checkbox"/>	Top of Protective Casing
<input type="checkbox"/>	(Other, Specify)

Start Purge Time: _____

Elapsed Time (min.)	(0.3-ft) Depth To Water (ft)	(3%) Temperature (celsius)	(0.1) pH	(3%) Conductivity (ms/cm)	(10 mV) Oxidation Reduction Potential	(10%) Dissolved Oxygen (mg/l)	(10%) Turbidity (NTU)	(100-500 ml/min) Flow Rate (ml/min)
0	29.83	16.72	6.55	14.2	-108	4.00	697	600
5	29.82	15.29	7.51	14.3	-1150	.35	4.39	400
10	29.82	16.29	7.72	12.0	-153	.09	195	400
20	29.82	16.62	7.83	14.4	-155	.08	133	360
25	29.82	16.65	7.90	14.5	-159	.05	110	360
30	29.82	16.87	8.00	14.2	-168	.005	85.0	360
35	29.82	16.60	8.09	14.3	-173	.03	83.7	360
40	29.82	16.97	8.10	14.0	-172	.03	65.7	220
45	29.82	17.61	8.11	14.1	-173	.01	60.8	220
50	29.82	17.83	8.14	14.0	-176	0.00	54.9	220
55	29.82	17.72	8.15	14.1	-175	0.01	47.0	220
60	29.82	17.72	8.14	14.2	-173	0.02	40.5	220
65	29.82	18.01	8.13	14.1	-178	0.000	36.9	220
70	29.82	18.31	8.13	14.0	-171	0.00	35.2	220
75	29.82	18.36	8.12	14.0	-171	0.00	31.6	220
80	29.82	18.16	8.15	14.1	-172	0.00	37.3	220
83	29.82	18.14	8.14	14.0	-171	0.00	32.7	220
86	29.82	18.26	8.26	14.0	-171	0.00	27.0	220
89	29.82	18.21	8.13	14.2	-171	0.00	28.0	220
92	29.82	18.18	8.13	14.2	-171	0.00	27.0	220

End Purge Time: 1228

Water sample: _____

Density Measurement Start 1.010 End 1.008

Time collected: 1228

Total volume of purged water removed: _____

Physical appearance at start

Physical appearance at sampling

Color cloudy
 Odor None

Color clear
 Odor None

Sheen/Free Product None

Sheen/Free Product None

Field Test Results:

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

SCA - 0053-02

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date 7/12/12 Personnel JWB Weather ~90°F Sunny
 Site Name WB13 SCA Evacuation Method Grounds Pump Well # SR915-MW-88D
 Site Location Camillus, NY Sampling Method Low flow Project # 46698

Well information:

Depth of Well * 70.55 ft.
 Depth to Water * 29.37 ft.
 Length of Water Column 41.18 ft.

* Measurements taken from

<input checked="" type="checkbox"/>	Top of Well Casing
<input type="checkbox"/>	Top of Protective Casing
<input type="checkbox"/>	(Other, Specify)

Start Purge Time: 1140

Elapsed Time (min.)	(0.3-ft) Depth To Water (ft)	(3%) Temperature (celsius)	(0.1) pH	(3%) Conductivity (ms/cm)	(10 mV) Oxidation Reduction Potential	(10%) Dissolved Oxygen (mg/l)	(10%) Turbidity (NTU)	(100-500 ml/min) Flow Rate (ml/min)	Density
0	29.45	21.60	6.98	25.0	-68	5.60	21000	280	
5	29.48	17.17	7.63	27.8	-114	0.00	71000	280	1.016
10	29.44	17.08	7.44	30.0	-156	0.00	71000	220	
15	29.43	19.95	7.97	30.1	-160	0.00	71000	200	
20	29.42	17.63	7.90	30.0	-124	0.00	71000	200	
30	29.43	16.98	7.88	29.8	-116	0.00	71000	200	
35	29.43	18.00	7.98	29.8	-150	0.00	21000	200	1.012
40	29.43	16.87	8.04	30.6	-162	0.00	71000	200	
50	29.43	16.72	8.06	30.4	-167	0.00	579	200	
55	29.43	16.95	8.07	30.3	-167	0.00	512	200	
60	29.43	18.06	8.07	30.4	-168	0.00	336	200	1.012
65	29.43	17.03	8.07	30.4	-169	0.00	254	200	
70	29.43	17.03	8.07	30.3	-169	0.00	237	200	
75	29.43	17.07	8.07	30.2	-169	0.00	222	200	
80	29.43	17.04	8.07	30.2	-170	0.00	475	200	
85	29.43	18.72	8.07	30.0	-166	0.00	199	200	
90	29.43	18.97	8.07	29.2	-166	0.00	164	200	
95	29.43	19.28	8.07	28.9	-167	0.00	140	200	1.014
100	29.43	19.69	8.07	28.6	-167	0.00	136	200	
105	29.43	19.97	8.07	28.5	-166	0.00	118	200	
110	29.43	20.41	8.07	28.3	-166	0.00	117	200	
115	29.43	20.93	8.06	28.2	-164	0.00	112	200	1.012

End Purge Time: 1407

Water sample: _____

Time collected: 1407

Physical appearance at start

Color Light med brown

Odor None

Sheen/Free Product None

Density Measurement Start 1.016 End 1.012

Total volume of purged water removed: 7.5 gallons

Physical appearance at sampling

Color Clear

Odor None

Sheen/Free Product None

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

SCA-0053-03

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date 7/12/12 Personnel KJK Weather Sunny ~ 85°F
 Site Name WB13 SCA Evacuation Method Ground Sols Well # SB915 MW - 8 & BR
 Site Location Camillus, NY Sampling Method Ground Sols Project # 46698

Well information:

Depth of Well * 111.41 ft.
 Depth to Water * 29.27 ft.
 Length of Water Column 82.14 ft.

* Measurements taken from

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

Start Purge Time: 1140

Elapsed Time (min.)	(0.3-ft) Depth To Water (ft)	(3%) Temperature (celsius)	(0.1) pH	(3%) Conductivity (ms/cm)	(10 mV) Oxidation Reduction Potential	(10%) Dissolved Oxygen (mg/l)	(10%) Turbidity (NTU)	(100-500 ml/min) Flow Rate (ml/min)		
0	30.77	19.83	6.93	44.2	29	2.31	33.9	200	1.016	
5	32.08	15.55	7.70	54.8	-107	0.55	7999	525	1.024	
10	34.10	15.84	7.48	54.1	-108	0.25	496	400	1.024	
15	34.07	16.69	7.48	55.8	-121	0.00	319	400	1.024	
20	33.74	16.76	7.42	57.5	-118	0.00	370	200	1.024	
25	33.59	16.49	7.32	65.4	-109	0.00	274	200	1.024	
30	33.50	16.36	7.21	76.0	-97	0.00	185	200	1.030	
35	33.62	16.14	7.13	71.1	-88	0.00	109	200	1.032	
40	33.62	16.35	7.08	73.8	-81	0.00	81.8	200	1.032	
45	REPLACED PUV P/ / / /									
50	REPLACED PUV P/ / / /								200	1.020
55	32.02	18.75	8.22	47.5	-147	1.78	61.1	200	1.020	
60	32.21	17.30	7.84	67.8	-111	0.74	7999	100	1.030	
65	32.35	16.94	7.44	70.5	-75	0.38	7999	150	1.032	
70	32.75	16.25	7.27	72.2	-64	0.20	520	175	1.032	
75	33.27	15.96	7.19	72.5	-59	0.07	304	225	1.032	
80	33.31	16.65	7.14	71.1	-57	0.00	199	225	1.030	
85	33.25	16.55	7.10	70.9	-56	0.00	143	175	1.030	
90	33.17	16.69	7.05	73.1	-52	0.00	75.6	175	1.032	
95	33.14	16.53	6.99	75.2	-47	0.00	44.4	175	1.032	
100	33.10	16.45	6.96	75.8	-44	0.00	35.7	175	1.032	
105	33.09	16.42	6.95	76.1	-43	0.00	29.7	175	1.032	

End Purge Time: 1407

Water sample: SB915-0053-04

Density Measurement Start 1.016

End 1.032

Time collected: 1405

Total volume of purged water removed: _____

Physical appearance at start

Physical appearance at sampling

Color Clear

Color Clear

Odor None

Odor None

Sheen/Free Product None

Sheen/Free Product None

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

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date 7/12/12 Personnel EBR Weather Sunny 85°F
 Site Name WB13 SCA Evacuation Method Ground Pops Well # SR915-MW-955
 Site Location Camillus, NY Sampling Method Peristaltic Project # 46698

Well information:

Depth of Well * 38.02 ft.
 Depth to Water * 29.91 ft.
 Length of Water Column _____ ft.

* Measurements taken from

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

Start Purge Time: 1125

Elapsed Time (min.)	(0.3-ft) Depth To Water (ft)	(3%) Temperature (celsius)	(0.1) pH	(3%) Conductivity (ms/cm)	(10 mV) Oxidation Reduction Potential	(10%) Dissolved Oxygen (mg/l)	(10%) Turbidity (NTU)	(100-500 ml/min) Flow Rate (ml/min)	S.G.
0	29.95	17.76	11.86	1.85	-55	3.41	421	700	1.002
5	29.95	17.72	11.08	1.86	-22	1.51	304	300	1.002
10	29.95	17.64	10.10	2.04	15	0.80	166	340	
15	29.95	17.50	9.74	2.13	32	0.44	78	340	
20	29.95	17.26	9.40	2.15	48	0.27	41	340	
25	29.95	17.25	9.11	2.22	62	0.12	28	340	1.000
30	29.95	17.34	8.87	2.26	74	0.40	23	340	
35	29.95	17.41	8.77	2.27	83	0.00	22	340	1.000
40	29.95	17.44	8.69	2.27	90	0.00	16	340	
45	29.95	17.47	8.63	2.27	95	0.00	14	340	1.000
50	29.95	17.64	8.59	2.27	99	0.00	10	340	1.000
12:40	29.95	17.02	8.71	2.37	112	4.11	54	500	
5	29.95	16.43	8.63	2.34	110	1.64	13	340	1.000
10	29.95	17.35	8.54	2.34	110	0.44	12	340	
15	29.95	17.64	8.58	2.36	111	0.56	9	340	
20	29.95	17.65	8.56	2.37	113	0.27	7	340	1.000

End Purge Time: 1215

Water sample:

Time collected: 1517

Physical appearance at start

Color Cloudy
 Odor None
 Sheen/Free Product None

Density Measurement

Start 1.002 End 1.000

Total volume of purged water removed: 5 gals.

Physical appearance at sampling

Color Clear
 Odor None
 Sheen/Free Product None

Field Test Results:

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

* Control box for Grundfos died before sampling.

SCA-0053-05

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date _____ Personnel _____ Weather _____
 Site Name WB13 SCA Evacuation Method _____ Well # SR915-MW-875
 Site Location Camillus, NY Sampling Method _____ Project # 46698

Well information:

Depth of Well * _____ ft. * Measurements taken from _____
 Depth to Water * 29.96 ft. _____ Top of Well Casing
 Length of Water Column _____ ft. _____ Top of Protective Casing
 (Other, Specify) _____

Start Purge Time: _____

Elapsed Time (min.)	(0.3-ft) Depth To Water (ft)	(3%) Temperature (celsius)	(0.1) pH	(3%) Conductivity (ms/cm)	(10 mV) Oxidation Reduction Potential	(10%) Dissolved Oxygen (mg/l)	(10%) Turbidity (NTU)	(100-500 ml/min) Flow Rate (ml/min)
0	30.02	23.38	7.44	0.609	115	1.10	>1000	2000
5	30.02	20.09	7.65	0.544	103	0.80	>1000	200
10	30.02	19.10	7.66	0.544	101	0.72	>1000	200
15	30.02	17.62	7.67	0.571	100	0.65	>1000	200
20	30.02	17.00	7.74	0.568	96	0.61	>1000	200
25	30.02	16.59	7.84	0.562	91	0.61	937	300
30	30.02	16.19	7.97	0.557	86	0.55-7.10	539	300
35	30.02	15.73	8.13	0.555	82	0.76	305	300
40	30.02	15.46	8.32	0.547	78	0.91	206	300
45	30.02	15.47	8.28	0.546	78	0.94	172	300
50	30.02	15.39	8.35	0.541	76	1.04	123	300
55	30.02	15.29	8.40	0.542	76	1.14	93.5	300
60	30.02	15.17	8.42	0.545	76	1.29	66.7	300
65	30.02	15.11	8.45	0.544	75	1.35	47.0	300
70	30.02	15.03	8.47	0.546	75	1.38	46.4	300
75	32.02	15.03	8.47	0.546	75	1.40	34.2	300
80	32.02	15.04	8.48	0.546	74	1.41	33.6	300
85	32.02	14.97	8.49	0.545	74	1.42	30.7	300
90								
95								
100								
105								
110								

End Purge Time: _____

Water sample: _____ **Density Measurement** Start _____ End _____
 Time collected: 12:30 Total volume of purged water removed: _____
Physical appearance at start _____ **Physical appearance at sampling** _____
 Color cloudy Color clear
 Odor NONE Odor NONE
 Sheen/Free Product NONE Sheen/Free Product NONE

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

SCA - 0052-02

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date 7/11/2012 Personnel P. Fryger Weather Sunny ~ 80°F
 Site Name WB13 SCA Evacuation Method Submersible Pump Well # SR916-MW-87I
 Site Location Camillus, NY Sampling Method Low Flow Submersible Pump Project # 46698

Well information:

Depth of Well* 75.02 ft.
 Depth to Water* 29.92 ft.
 Length of Water Column 45.10 ft.

* Measurements taken from

<input checked="" type="checkbox"/>	Top of Well Casing
<input type="checkbox"/>	Top of Protective Casing
<input type="checkbox"/>	(Other, Specify)

Start Purge Time: ~~11:00~~ 11:10^{PF}

Elapsed Time (min.)	(0.3-ft) Depth To Water (ft)	(3%) Temperature (celsius)	(0.1) pH	(3%) Conductivity (ms/cm)	(10 mV) Oxidation Reduction Potential	(10%) Dissolved Oxygen (mg/l)	(10%) Turbidity (NTU)	(100-500 ml/min) Flow Rate (ml/min)
0	29.92	13.85	6.65	3.14	112	3.15	>1000	140
5	29.97	12.48	6.70	3.54	-29	9.80	71000	500
10	29.98	12.87	6.72	3.60	-35	7.34	71000	500
15	29.97	12.96	6.75	3.65	-41	0.23	625	400
20	29.97	13.24	6.76	3.63	-44	0.00	426	400
25	29.97	13.37	6.77	3.62	-46	0.00	263	400
30	29.97	13.33	6.78	3.65	-47	0.00	203	400
35	29.97	13.35	6.79	3.66	-49	0.00	102	400
40	29.97	13.42	6.79	3.66	-49	0.00	77.9	400
45	29.97	13.40	6.80	3.66	-50	0.00	63.9	400
50	29.97	13.52	6.80	3.66	-51	0.00	47.1	400
53	29.97	13.63	6.81	3.66	-51	0.00	36.0	400
56	29.97	13.80	6.81	3.66	-51	0.00	42.1	400
59	29.97	13.84	6.81	3.66	-52	0.00	32.5	400
62	29.97	13.99	6.81	3.66	-52	0.00	24.2	400
65	29.97	14.15	6.82	3.65	-52	0.00	19.0	400
68	29.97	14.30	6.82	3.66	-53	0.00	17.9	400
71	29.97	14.42	6.82	3.66	-53	0.00	14.3	400
74	29.97	14.63	6.82	3.64	-53	0.00	12.2	400
77	29.97	14.69	6.83	3.63	-54	0.00	11.9	400
80	29.97	14.76	6.82	3.64	-54	0.00	11.6	400

End Purge Time: 1251

Water sample: Density Measurement Start 1.002 End 1.002

Time collected: 1250 Total volume of purged water removed: 13 gal

Physical appearance at start	Physical appearance at sampling
Color <u>Grayish</u>	Color <u>Clear</u>
Odor <u>None</u>	Odor <u>None</u>
Sheen/Free Product <u>None</u>	Sheen/Free Product <u>None</u>

Field Test Results:

Dissolved ferrous iron:	<u>NA</u>
Dissolved total iron:	<u>NA</u>
Dissolved total manganese:	<u>NA</u>
Dissolved Oxygen:	<u>NA</u>

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date 7/11/12 Personnel KJK Weather Sunny, ~75°F
 Site Name WB13 SCA Evacuation Method Groundfos Well # SR915-WR-02L
 Site Location Camillus, NY Sampling Method Groundfos Project # 46698

Well information:

Depth of Well * 111.44 ft.
 Depth to Water * 30.69 ft.
 Length of Water Column _____ ft.

* Measurements taken from

<input checked="" type="checkbox"/>	Top of Well Casing
<input type="checkbox"/>	Top of Protective Casing
<input type="checkbox"/>	(Other, Specify)

Start Purge Time: 1110

Elapsed Time (min.)	(0.3-ft) Depth To Water (ft)	(3%) Temperature (celsius)	(0.1) pH	(3%) Conductivity (ms/cm)	(10 mV) Oxidation Reduction Potential	(10%) Dissolved Oxygen (mg/l)	(10%) Turbidity (NTU)	(100-500 ml/min) Flow Rate (ml/min)
0	30.70	12.31	8.84	93.7	-268	0.00	56	500 500
5	30.68	11.96	8.24	7100	-167	0.15	73	425
10	30.68	12.17	7.55	7100	-153	0.14	41	425
15	30.68	12.30	7.17	7100	-142	0.12	29	425
20	30.68	12.52	7.06	7100	-136	0.11	24	425
25	30.68	12.49	6.97	7100	-131	0.14	23	425
30	30.68	12.63	6.88	>160	-127	0.13	20	425
35	30.68	12.71	6.78	>160	-124	0.11	17	425
40	30.68	12.74	6.72	7100	-121	0.12	18	425
45	30.68	12.92	6.68	7100	-119	0.11	15	425

1.044
1.054
1.052
1.052
1.052
1.052
1.052
1.052
1.052
1.052

End Purge Time: 1156

Water sample: SCA-0052-07 Density Measurement Start 1.044 End 1.052
 Time collected: 1235 SCA-0052-08-FA Total volume of purged water removed: 8 gal

Physical appearance at start: Color Dark Grey Odor Yes - Sulfur Sheen/Free Product None
 Physical appearance at sampling: Color Clear Odor Yes - Sulfur Sheen/Free Product None

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

(130.00 Hz)

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date 7/11/12 Personnel JWR Weather 85°F Sunny
 Site Name WB13 SCA Evacuation Method Groundros Pump Well # SR915-MW-87BR
 Site Location Camillus, NY Sampling Method Low Flow Project # 46698

Well information:

Depth of Well * 124.27 ft.
 Depth to Water * 31.02 ft.
 Length of Water Column 98.25 ft.

* Measurements taken from

<input checked="" type="checkbox"/>	Top of Well Casing
<input type="checkbox"/>	Top of Protective Casing
<input type="checkbox"/>	(Other, Specify)

Start Purge Time: 1110

Elapsed Time (min.)	(0.3-ft) Depth To Water (ft)	(3%) Temperature (celsius)	(0.1) pH	(3%) Conductivity (ms/cm)	(10 mV) Oxidation Reduction Potential	(10%) Dissolved Oxygen (mg/l)	(10%) Turbidity (NTU)	(100-500 ml/min) Flow Rate (ml/min)	Density
0	32.56	16.83	11.15	55.5	-42	1.07	30.9	200	1.024
5	32.60	16.09	10.56	69.4	-38	0.00	21000	200	
10	32.605	15.08	10.48	82.0	-31	0.00	503	200	
15	32.60	14.25	10.32	81.6	-24	0.00	200	200	1.040
20	32.55	15.16	10.19	79.3	-22	0.00	44.3	200	
25	32.55	14.94	10.00	80.7	-32	0.00	26.1	200	
30	32.50	14.69	9.77	86.5	-179	0.00	20.4	180	1.044
35	32.58	14.41	9.55	83.3	-212	0.00	20.1	200	
40	32.60	14.40	9.31	83.0	-252	0.00	10.8	200	
45	32.60	14.45	9.17	84.1	-246	0.00	8.68	200	
50	32.60	13.93	9.02	85.1	-225	0.00	11.4	200	
55	32.60	13.10	8.89	87.6	-221	0.00	11.5	200	1.046
60	32.60	13.50	8.80	87.1	-203	0.00	9.11	200	
63	32.60	12.71	8.75	89.1	-221	0.00	8.57	200	
66	32.60	13.40	8.71	88.1	-216	0.00	6.47	200	
69	32.60	13.39	8.69	88.3	-211	0.00	6.89	200	
71	32.60	13.08	8.64	88.8	-209	0.00	6.74	200	1.046

End Purge Time: 1330

Water sample:
 Time collected: 1330
 Physical appearance at start
 Color V. lightly cloudy
 Odor None
 Sheen/Free Product None

Density Measurement Start 1.034 End 1.046
 Total volume of purged water removed: ~3.5 gallons
 Physical appearance at sampling
 Color Clear
 Odor None
 Sheen/Free Product None

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

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date 7/11/12 Personnel EBR Weather ~85°F Sunny
 Site Name WB13 SCA Evacuation Method _____ Well # SB915-MW-94S
 Site Location Cornillius, NY Sampling Method Peristaltic Project # 46698

Well information:

Depth of Well * 32.30 ft.
 Depth to Water * 22.62 ft.
 Length of Water Column _____ ft.

* Measurements taken from

<input checked="" type="checkbox"/>	Top of Well Casing
<input type="checkbox"/>	Top of Protective Casing
<input type="checkbox"/>	(Other, Specify)

Start Purge Time: 1135

Elapsed Time (min.)	(0.3-ft) Depth To Water (ft)	(3%) Temperature (celsius)	(0.1) pH	(3%) Conductivity (ms/cm)	(10 mV) Oxidation Reduction Potential	(10%) Dissolved Oxygen (mg/l)	(10%) Turbidity (NTU)	(100-500 ml/min) Flow Rate (ml/min)	S.G.
0	24.15	18.20	6.91	1.35	149	0.00	12.9	130	1.004
5	26.02	16.54	6.77	1.35	152	0.00	8.28	100	1.002
10	26.63	16.50	6.76	1.37	154	0.00	6.97	100	1.002
15	27.45	16.56	6.77	1.37	144	0.00	11.7	90	1.002
20	27.75	17.32	6.79	1.36	48	0.00	20.6	70	
25	27.72	18.14	6.82	1.36	30	0.00	28.7	60	1.002
30	27.73	18.45	6.82	1.36	42	0.00	24.7	60	1.002
35	27.70	18.66	6.84	1.35	67	0.00	14.4	60	
40	27.70	18.61	6.83	1.35	90	0.00	9.58	60	
45	27.70	18.71	6.82	1.35	108	0.00	6.16	60	
50	27.70	18.68	6.81	1.34	119	0.00	4.69	60	
55	27.70	18.64	6.81	1.34	128	0.00	3.71	60	
60	27.70	18.60	6.80	1.35	134	0.00	3.06	60	1.002
65	27.70	18.59	6.79	1.34	139	0.00	3.33	60	1.002

End Purge Time: 1240

Water sample:
 Time collected: 1400
 Physical appearance at start
 Color Clear
 Odor None
 Sheen/Free Product None

Density Measurement Start 1.004 End 1.002
 Total volume of purged water removed: 2.75 gals.
 Physical appearance at sampling
 Color Clear
 Odor None
 Sheen/Free Product None

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

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

Data Validation Reports

2011 Data Validation Report

DATA VALIDATION REPORT

**Hydrogeologic Investigation to Support Groundwater
Monitoring at the Sediment Consolidation Area
Camillus, New York**

Honeywell

August 2012

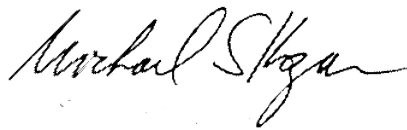
 **O'BRIEN & GERE**

Hydrogeologic Investigation to Support Groundwater Monitoring at the Sediment Consolidation Area

Camillus, New York

Prepared for:

Honeywell



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EXECUTIVE SUMMARY

This report presents the results of data validation performed for groundwater samples collected as part of the Hydrogeologic Investigation to Support Groundwater Monitoring at the Sediment Consolidation Area (SCA). The SCA is currently being constructed on Wastebed 13 located in the Town of Camillus, New York. O'Brien & Gere conducted sample collection activities in March 2011, June 2011, September 2011, and December 2011.

The environmental samples collected for these investigations were submitted to Accutest Laboratories (Accutest NJ) of Dayton, New Jersey, Accutest of Orlando, Florida (Accutest FL), Brooks Rand of Seattle, Washington, TestAmerica Pittsburgh (TA Pittsburgh) of Pittsburgh, Pennsylvania, TestAmerica Edison (TA Edison) of Edison, New Jersey, TestAmerica Canton (TA Canton) of Canton, Ohio, and SGS North America Inc. (SGS) of Wilmington, North Carolina. The following analyses were performed for this investigation: volatile organic compounds (VOCs), dissolved light hydrocarbon, semivolatile organic compounds (SVOCs), organochlorine pesticides, organophosphorus pesticides, chlorinated herbicides, metals, total cyanide, total phenol, hexavalent chromium, sulfate, chloride, bromide, ammonia, nitrate, nitrite, biochemical oxygen demand (BOD), chemical oxygen demand (COD), total organic carbon (TOC), total dissolved solids (TDS alkalinity (total, bicarbonate, and carbonate), total hardness, total Kjeldahl nitrogen (TKN), polychlorinated dibenzo-p-dioxins (PCDDs)/ polychlorinated dibenzofurans (PCDFs), polychlorinated biphenyl (PCB) congeners and high resolution mercury.

The analytical data generated for this investigation were evaluated by O'Brien & Gere using the quality assurance/quality control (QA/QC) criteria listed in the following document and the methods applied by the laboratories:

- O'Brien & Gere. 2011. Quality Assurance Project Plan (QAPP). Honeywell Syracuse Portfolio, Site Investigations, Camillus, Geddes, and Syracuse, New York. Syracuse, New York.

Data affected by excursions from the QA/QC criteria were qualified based on USEPA validation guidelines listed in the QAPP and professional judgment.

Overall, considering the complete data set, greater than 95% of the data were usable for quantitative and quantitative purposes.

1. INTRODUCTION

1.1. PURPOSE OF REPORT

This report presents the results of data validation performed for groundwater samples collected as part of the Hydrogeologic Investigation to Support Groundwater Monitoring at the Sediment Consolidation Area (SCA). The SCA is currently being constructed on Wastedbed 13 located in the Town of Camillus, New York. O'Brien & Gere conducted sample collection activities in March 2011, June 2011, September 2011, and December 2011.

The list of samples that were submitted to the laboratories for this project is presented in **Appendix A**. **Appendix B** presents the specific data validation approach applied to data generated for this investigation. **Appendix C** presents the laboratory quality assurance/quality control (QA/QC) analyses definitions.

1.2. DATA VALIDATION PROTOCOL

1.2.1. Data Validation Overview

Validation is a process of evaluating the suitability of a measurement system for providing useful analytical data. Data validation is essentially a three-step process in which the quality assurance/quality control (QA/QC) information for the analytical data is first compared to a series of QA/QC criteria. Based on the results of this comparison, the analytical data are assigned qualifiers, which provide an indication of data usability. Finally, an overall evaluation of data usability is performed. The manner by which these three steps were completed for this project is described in the following sections.

1.2.2. Comparison to QA/QC Criteria

The analytical data generated for this investigation were evaluated by O'Brien & Gere using as guidance the QA/QC criteria established in laboratory methods listed in Table 1 (Section 1.2.5) and the following document:

- O'Brien & Gere. 2011. Quality Assurance Project Plan (QAPP). Honeywell Syracuse Portfolio, Site Investigations, Camillus, Geddes, and Syracuse, New York. Syracuse, New York.

A full review of QA/QC information was performed for 10% of the samples, which consisted of a review of data summary forms and raw analytical data that were provided in the deliverables data packages. Partial review of QA/QC information was performed for the remaining environmental samples. Partial review consisted of a review of the data summary forms as presented in the data packages as described below. Supportive raw analytical data were not reviewed in the partial data validation effort and the summary forms were assumed to be accurate.

The following QA/QC information was included in the review for organic and inorganic analyses for full and partial validation (where applicable):

- QAPP compliance
- Chain-of-custody records
- Sample collection and sample preservation
- Holding times
- GC/MS tuning criteria
- Mass resolution (Full validation only)
- Instrument performance (Full validation only)
- Calibration (Supportive data for full validation only)
- Analytical sequence (Full validation only)
- Blank analysis
- Surrogate recovery
- Recovery standard analysis
- Matrix spike/matrix spike duplicate (MS/MSD) analysis
- Laboratory duplicate analysis
- Field duplicate analysis

- Laboratory control sample (LCS) analysis
- ICP interference check sample analysis
- ICP serial dilution analysis
- Internal standards performance
- Target analyte identification, quantitation, and quantitation limits (QLs; full validation only)
- Confirmation analysis (Full validation only)
- Documentation completeness

1.2.3. General Guidance Used for Assignment of Qualifiers

Data affected by excursions from the QA/QC criteria previously described were qualified based on guidance provided in the following documents (where applicable) and professional judgment:

- USEPA. 2006a. USEPA Region II Evaluation of Metals Data for the CLP Program, SOP HW-2 Revision 13. Reviewed 2009. Albany, New York.
- USEPA. 2006b. USEPA Region II Validating Semivolatile Organic Compounds by SW-846 Method 8270, SOP HW-22 Revision 4. Reviewed 2009. Albany, New York.
- USEPA. 2006c. USEPA Region II Data Validation SOP For SW-846 Method 8290 Polychlorinated Dibenzodioxins (PCDDs) and Polychlorinated Dibenzofurans (PCDFs) By High Resolution Gas Chromatography/High Resolution Mass Spectrometry (HRGC/HRMS), HW-19, Revision 1. Reviewed 2009. Albany, New York.
- USEPA. 2006d. USEPA Region II Data Validation SOP of Organochlorine Pesticides by Gas Chromatography SW-846 Method 8081B. HW-44 Revision 1. Reviewed 2009. Albany, New York.
- USEPA. 2008a. USEPA Region II Validating Volatile Organic Compounds by SW-846 Method 8260B, SOP HW-24 Revision 2. Reviewed 2009. Albany, New York.
- USEPA. 2008b. USEPA Region II Validating Chlorinated Herbicides by GC. SOP HW-17 Revision 3, Reviewed 2009. Albany, New York.
- USEPA. 2008c. USEPA Region II Standard Operating Procedure for EPA Method 1668, Revision A, August 2003, "Chlorinated Biphenyl Congeners in Water ,Soil, Sediment, and Tissue by HRGC/HRMS" and Statement of Work for Analysis of Chlorinated Biphenyl (CB) Congeners, CRCOLO, May 2005, SOP HW-46, Revision 1, Albany, New York.

The following qualifiers are used in this type of data validation:

- "R" Indicates that the QL or sample result has been identified as unusable due to a major deficiency in the data generation process. The data should not be used for any qualitative or quantitative purposes.
- "U" Indicates that the analyte was not detected and the sample QL is presented. This qualifier is also used in the validation process to signify that the QL of an analyte was raised due to blank excursions.
- "J" Indicates that the concentration should be considered approximate. This qualifier is used when the data validation process identifies a deficiency in the data generation process.
- "UJ" Indicates that the analyte was analyzed for, but a concentration was not detected. The sample QL is presented and should be considered approximate. This qualifier is used when the data validation process identifies a deficiency in the data generation process.
- "JN" Indicates that there is presumptive evidence that the analyte is present, but it has not been confirmed due to column confirmation excursions.
- "EMPC" Estimated maximum possible concentration is characterized by a response with a signal to noise of at least 2.5 for both the quantitation ions but does not meet all the identification criteria specified in the method.

The data quality evaluation results in only one type of qualifier for each analyte. In a case when several qualifiers are applicable to the same analyte, the cumulative effect of the various QA/QC excursions is employed in assigning the final data qualifiers. For example, a sample result is affected by low surrogate recovery for which the “UJ” qualifier is applied but low MS/MSD recoveries results in the rejection of the sample result (application of the “R” qualifier); the final data qualifier is the “R” qualifier. The QA/QC excursions that do not result in the qualification of an analyte are not discussed, with the exception of those excursions that provide useful information to the Project Manager.

The specific approach utilized during this data validation is presented in **Appendix B** of this report.

1.2.4. Data Usability Evaluation

Based on the QA/QC information review and the qualifiers assigned to the analytical data, an overall evaluation of data usability is performed. Data usability is defined as the percentage of data that remains unqualified or is qualified as approximate or non-detected due to blank excursions divided by the data reported by the laboratory times 100. The percentage usability excludes the data qualified as rejected due to major QA/QC excursions. The non-usable data are defined as the percentage of the data qualified as rejected divided by the data reported by the laboratory times 100. The data usability is provided for each type of analysis performed for this investigation.

The data usability evaluation considers the data parameters of precision, sensitivity, accuracy, representativeness, comparability, and completeness, which are described as follows:

- Precision is evaluated through the review of field duplicate samples, laboratory duplicates, and MS/MSD samples.
- Sensitivity is evaluated through the review of QLs.
- Accuracy is evaluated through the review of MS/MSD samples, LCS recoveries, calibration, ICP interference check analysis, and ICP serial dilutions.
- Representativeness is evaluated through the review of holding times, sample preservation and preparation, blank analysis and target analyte quantification.
- Comparability is evaluated through the review of the analytical methods and reporting procedures for consistency.
- Completeness is defined as the overall percentage of sample results that are identified as usable.

1.2.5. Analytical Methods

The environmental samples collected for these investigations were submitted to Accutest Laboratories (Accutest NJ) of Dayton, New Jersey, Accutest of Orlando, Florida (Accutest FL), Brooks Rand of Seattle, Washington, TestAmerica Pittsburgh (TA Pittsburgh) of Pittsburgh, Pennsylvania, TestAmerica Edison (TA Edison) of Edison, New Jersey, TestAmerica Canton (TA Canton) of Canton, Ohio and SGS North America Inc. (SGS) of Wilmington, North Carolina.

The majority of the analyses were performed by Accutest NJ and TA Pittsburgh. Accutest FL performed analysis for organophosphate compounds. TA Edison performed analysis for hexavalent chromium. TA Canton performed analysis for high resolution mercury and TKN. SGS performed analyses for polychlorinated dibenzo-p-dioxins (PCDDs)/ polychlorinated dibenzofurans (PCDFs), and PCB congeners. Brooks Rand performed analyses for high resolution mercury.

Table 1 below lists the methods utilized for sample preparation and analyses for this investigation.

Table 1 - Analytical Method Reference		
Parameter	Method	Reference
Volatile Organic Compounds (VOCs)	USEPA Methods 5030B/8260B	1

Table 1 - Analytical Method Reference

Parameter	Method	Reference
Dissolved Light Hydrocarbons (methane, ethane, ethene)	USEPA Method 8015A	1
Semivolatile Organic Compounds (SVOCs)	USEPA Methods /3510C/8270C/8270D	1, 2
Organochlorine Pesticides	USEPA Methods 3510C/8081A/8081B	1, 2
Organophosphorus Pesticides	USEPA Methods 3510C/8141B	1,2
Chlorinated Herbicides	USEPA Methods 3510C/8151A	1
Polychlorinated Biphenyl (PCB) Congeners	USEPA Method 1668B	6
Polychlorinated Dibenzo-p-dioxins(PCDDs)/ Polychlorinated Dibenzofurans (PCDFs)	USEPA Method 8290A	2
Total Organic Carbon (TOC)	SM20 5310B/SM20 5310C/USEPA Method 9060	3, 3, 1
Hexavalent Chromium	USEPA Method 7199	1
Metals	USEPA Methods 3010A/6010B/6010C	1, 1, 1, 2
Mercury	USEPA Method 7470A	1
High Resolution Mercury	USEPA Method 1631E	8
Total Cyanide	USEPA Method 335./9012B	5, 1
Ammonia	SM20 4500 NH3-G, USEPA Method 350.1	3, 5
Total Hardness	SM19 2340C	4
Total Dissolved Solids (TDS)	USEPA Method SM20 2540C	3
Alkalinity (Total, Bicarbonate, Carbonate)	USEPA Method SM20 2320B, 4500CO2D	3, 3
Bromide, Chloride, Sulfate	USEPA Methods 300.0/ 9056	7,1
Total Phenols	USEPA Method 420.4	5
Biochemical Oxygen Demand (BOD)	SM20 5210B	3
Chemical Oxygen Demand (COD)	SM20 5220C, USEPA Method 410.4	3, 5
Total Kjeldahl Nitrogen (TKN)	USEPA Method 351.2/351.3*	5, 5
Nitrate-Nitrite	USEPA Method 353.2	5
Nitrate	USEPA Method 300.0	7
Nitrite	SM19 4500 NO2B	4

Table 1 - Analytical Method Reference

Parameter	Method	Reference
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Note:

* Indicates the USEPA method has been withdrawn as of July 2007. This method was performed by TA Canton.

1. USEPA. 2004. *Test Methods for Evaluating Solid Waste: Physical/Chemical Methods, SW-846*, 3rd Edition, Update IIIB. Washington D.C.
2. USEPA. 2007. *Test Methods for Evaluating Solid Waste: Physical/Chemical Methods, SW-846*, 3rd Edition, Update IV. Washington D.C.
3. AWWA, APHA and WEF. 1998. *Standard Methods for the Examination of Water and Wastewater*, 20th Edition. Washington, D.C.
4. AWWA, APHA and WEF. 1995. *Standard Methods for the Examination of Water and Wastewater*, 19th Edition. Washington, D.C.
5. USEPA. 1983. *Methods for Chemical Analysis of Water and Wastes*, EPA-600/4-79-020. Cincinnati, Ohio.
6. USEPA. 2008d. Method 1668, Revision B, Chlorinated Biphenyl Congeners in Water, Soil, Sediment, Biosolids and Tissue by HRGC/HRMS, Washington, DC.
7. USEPA. 1993. *Methods for the Determination of Inorganic Substances in Environmental Samples*, EPA-600/R-93/100. Washington, D.C.
8. USEPA. 2002. *Method 1631, Revision E: Mercury in Water by Oxidation, Purge and Trap, and Cold Vapor Atomic Fluorescence Spectrometry*. EPA-821-R-02-019. Washington, D.C.

The following sections of this document address specific aspects of the validation process. Specific QA/QC excursions and qualifications performed on the sample data are discussed in Section 2. Data completeness and usability are discussed in Section 3.

2. DATA QUALITY EVALUATION

2.1. COMPARISON TO QA/QC CRITERIA

This section presents the results of the comparison of the analytical data to the QA/QC criteria specified in Section 1.2 and the qualifiers assigned to the data when the QA/QC criteria were not met. Samples that required qualifiers are described in the following sections and are identified by the field identification documented on the sample chain-of-custody records.

Chain-of-custody records

The following sample identification was revised during the validation process due to an inconsistency between the chain-of-custody record and the laboratory report: SCA-0001-02 (collected 3/10/2011)

Minor documentation excursions were identified on the following chain-of-custody records for samples shipped from the field location to Accutest NJ:

- For samples collected 3/10/2011 (SDG JA70208), the date and time of receipt at the laboratory were not documented on the record for the third transfer.
- For samples collected 3/11/2011 (SDG JA70354), the year the samples were relinquished was not documented on the record for the third transfer. In addition, the laboratory did not record the year and time of sample receipt.
- For samples collected 3/14/2011 (SDG JA70458), the time of sample receipt was not listed on the record for the second transfer, the year the samples were relinquished was not listed for the third transfer, and the date and time of receipt at the laboratory were not documented on the record for the third transfer.
- For samples collected 3/15/2011 (JA70555) and 3/16/2011 (SDG JA70686), the year the samples were received was not listed for the second transfer, the year the samples were relinquished was not listed for the third transfer, and the date and time of receipt at the laboratory were not documented on the record for the third transfer.
- For samples collected 3/17/2011 (SDG JA70812), a time gap was identified for the first transfer since the samples were relinquished 3/17/11 at 15:33 and were received 3/17/11 at 15:32, the year the samples were received was not listed for the second transfer and the date and time of receipt at the laboratory were not documented on the record for the third transfer.
- For samples collected 3/25/2011 (SDG JA71557), the date and time of receipt at the laboratory were not documented on the record for the third transfer.
- For samples collected 6/22/2011 (JA79185), the year for the second transfer and third transfer was not listed on the record.
- For samples collected 6/23/2011 (JA79320), the time of the second transfer and the year of the third transfer were not listed on the record.
- For samples collected 6/24/2011 (JA79413), 6/27/2011 (JA79518), 6/28/2011 (JA79654), and 6/29/2011 (JA79753), the year of the second and third transfers was not listed on the record.
- For samples collected 9/21/2011 (JA86856), 9/23/2011 (JA87100), 9/26/2011 (JA87261), 9/22/2011 (JA86978), 9/19/2011 (JA86584), and 9/27/2011 (JA87394), the name of the courier (Federal Express) and the Federal Express tracking numbers were not listed on the records.
- For samples collected 9/20/2011 (JA86711), 9/21/2011 (JA86856 and JA86855), 9/22/2011 (JA86979), and 9/23/2011 (JA87097), the year of the third transfer was not listed on the record.
- For samples collected 9/23/2011 (JA87100), 9/26/2011 (JA87262) (JA87261), 9/27/2011 (JA87395), 9/28/2011 (JA87522), and 9/19/2011 (JA86584), the year of the second and third transfers were not listed on the records.
- For samples collected 9/19/2011 (JA86584), 9/22/2011 (JA86978), and 9/27/2011 (JA87394), the year that the samples were received at Accutest NJ was not listed on the records.

Minor documentation excursions were identified on the following chain-of-custody records for samples shipped from the field location to TA Pittsburgh:

- For samples collected 12/6/11 (180-6544), 12/7/11 (180-6593), 12/8/11 (180-6651), 12/9/11 (180-6689), 12/12/11 (180-6732), 12/13/11 (180-6767), 12/14/11 (180-6809), and 12/15/11 (180-6854), the name of the courier (Federal Express) and the Federal Express tracking numbers were not listed on the records.
- For samples collected 12/13/11 (180-6767), the time that the laboratory received the samples was not listed on the record.

Minor documentation excursions were identified on the following chain-of-custody records for samples shipped between laboratories:

- For samples shipped from Accutest NJ to Accutest FL, the year of the sample collection was not documented on the records for samples collected 3/10/2011 (JA70208) and 3/11/2011 (JA70354).
- For samples collected 3/10/2011 (SDG JA70208), 3/11/2011 (SDG JA70354), 3/14/2011 (JA70458), 3/15/2011 (SDG JA70555), 3/16/2011 (SDG JA70686), 3/17/2011 (SDG JA70812), and 3/25/2011 (SDG JA71557) and shipped from Accutest NJ to Brooks Rand, the Federal Express tracking numbers were not listed on the records.
- For samples collected 3/17/2011 (SDG JA70812) and shipped from Accutest NJ to Brooks Rand, the courier (Federal Express) was not listed on the record.
- For samples collected 6/22/2011 (JA79185), 6/24/2011 (JA79413) and 6/29/2011 (JA79753) shipped from Accutest NJ to Brooks Rand, the transfers from Accutest NJ to Federal Express were not documented accurately on the record.
- For samples collected 6/23/2011 (JA79320) and 6/28/2011 (JA79654) shipped from Accutest NJ to Brooks Rand, the Federal Express tracking number was not listed on the record.
- For samples collected 9/20/2011 (JA86711), 9/21/2011 (JA86856), 9/23/2011 (JA87100), 9/26/2011 (JA87261), 9/22/2011 (JA86978), 9/19/2011 (JA86584), 9/27/2011 (JA87394), and 9/28/2011 (JA87522) shipped from Accutest NJ to Brooks Rand, the name of the courier (Federal Express) and the Federal Express tracking numbers were not listed on the records.
- For samples collected 3/16/2011 (JA70686X) shipped from Accutest NJ to SGS, the year of the transfer to the courier was not listed on the record and the Federal Express tracking number was not listed on the record.
- For samples collected 3/10/2011 (JA70208X), 3/11/2011 (JA70354X), 3/15/2011 (JA70555X), 3/17/2011 (JA70812), 3/25/2011 (JA71557X), 9/19/2011 (JA86584), 9/21/2011 (JA86856X), 9/22/2011 (JA86978X), 9/23/2011 (JA87110X), 9/26/2011 (JA87261X), and 9/27/2011 (JA87394X) shipped from Accutest NJ to SGS, the Federal Express tracking numbers were not listed on the records.
- For samples collected 12/6/11 (180-6544), 12/7/11 (180-6593), 12/8/11 (180-6651), 12/9/11 (180-6689), 12/12/11 (180-6732), 12/13/11 (180-6767), 12/14/11 (180-6809), and 12/15/11 (180-6854) shipped from TA Pittsburgh to TA Edison, the Federal Express tracking numbers were not listed on the records.
- For samples collected 12/6/11 (180-6544), 12/7/11 (180-6593), 12/8/11 (180-6651), 12/9/11 (180-6689), 12/12/11 (180-6732), 12/13/11 (180-6767), 12/14/11 (180-6809), and 12/15/11 (180-6854) shipped from TA Pittsburgh to TA Canton, the name of the courier (Federal Express) and the Federal Express tracking numbers were not listed on the records.
- For samples collected 12/8/11 (180-6651) shipped from TA Pittsburgh to TA Edison, the name of the courier (Federal Express) was not listed properly on the record for the second transfer.
- For samples collected 12/12/11 (180-6732) and 12/15/11 (180-6854) shipped from TA Pittsburgh to TA Edison, the dates and times that the laboratory received the samples were not listed on the record.
- For samples collected 12/14/11 (180-6809) shipped from TA Pittsburgh to TA Canton, the date and the signature of the laboratory representative receiving the samples at the laboratory were not listed on the record.

For groundwater samples collected on 3/10/2011, 3/15/2011, 3/16/2011, 3/17/2011, and 3/25/2011, the analyses for alkalinity (bicarbonate and carbonate) were added post-sampling to the list of analyses to be performed by the laboratory, since these analyses were not listed on the chain-of-custody record.

Sample collection and sample preservation issues

The results for high resolution mercury in samples SCA-0007-01, SCA-0007-02, and SCA-0007-03 were qualified as approximate (UJ, J) for a minor sample preservation excursion, since the cooler temperature was greater than 10 °C.

Documentation completeness

Supplemental and missing information was requested and provided by the laboratories during the validation process. This information was necessary to complete the validation process and report the data accurately.

2.2. VOC ANALYSIS

2.2.1 Criteria

The following QA/QC parameters were found to meet validation criteria or did not require additional comments:

- Holding times
- GC/MS tuning criteria
- Surrogate recovery
- Field duplicate analysis
- Target analyte identification

Deviations from QA/QC criteria presented in Section 1.2 that resulted in qualified data and additional observations are summarized below.

QAPP compliance

For the June 2011 sampling event, additional target analytes were reported including 1,4-dioxane, isobutyl alcohol, pentachloroethane, and propionitrile.

Target analytes acrylonitrile, vinyl acetate, and trans-1,4-dichloro-2-butene were not included in the MS/MSD and LCS analyses reported by TA Pittsburgh for December 2011 data. The laboratory indicated that these target analytes are not routinely included in MS/MSD and LCS spike solutions.

Calibration

Results for target analytes were outside of the calibration validation criteria. The samples qualified as approximate (UJ, J) for minor accuracy excursions are summarized in the following table.

Table 2. Calibration Excursions for VOC Analyses				
Calibration IDs	Analyte	Excursions	Affected Sample Results	Action
CCV 3/29/2011 2048	2,2-Dichloropropane Trans-1,2-dichloro-2-butene	26.8 %D 25.6 %D	SCA-0007-03 (EB), -04 (TB)	UJ
CCV 6/30/2011 2115	Carbon tetrachloride	24.6 %D	SCA-0008-01, -04, -05, -06, -07 (TB) SCA-0009-05 (TB), -06 (EB)	UJ
CCV 7/7/2011 2122	Acetonitrile	22.7 %D	SCA-0012-01, -02, -03, -04, -05, -06 (TB) SCA-0013-01, -02, -03, -04 (FD), -05 (EB), -06 (TB)	UJ
CCV 9/30/2011 2047	Acetone 2-Butanone Tetrachloroethene Trans-1,4-dichloro-2-butene	47 %D 24 %D 36 %D 21 %D	SCA-0015-01, -02 (FD), 05 (TB) SCA-0017-01, -02, -03 (TB) SCA-0018-01, -02, -03, -05 (TB)	UJ, J
CCV 10/3/2011 0959	2-Hexanone Trans-1,4-dichloro-2-butene	28 %D 65 %D	SCA-0015-03, -04 SCA-0018-04	UJ
CCV 10/5/2011 0951	Acetone Bromochloromethane	22 %D 24 %D	SCA-0016-01, -02, -03, -04, -05, -06 (TB)	UJ
CCV 9/29/2011 2101	Acetone Trans-1,4-dichloro-2-butene	25 %D 28 %D	SCA-0014-03, -04, -07 (TB)	UJ

Table 2. Calibration Excursions for VOC Analyses

Calibration IDs	Analyte	Excursions	Affected Sample Results	Action
CCV 10/2/2011 0847	Carbon tetrachloride Bromoform	28 %D 22 %D	SCA-0021-01, -03 (TB) SCA-0023-01, -02, -03 (FD), -04 (TB)	UJ
CCV 10/3/2011 0842	Acetone	27 %D	SCA-0021-02 SCA-0014-01-02	UJ, J
CCV 12/15/11 0816	Acetone Bromoform 1,2-Dibromo-3-chloropropene	37 %D 22 %D 27 %D	SCA-0027-01, -02, -03, -04, -07 (TB)	UJ
CCV 12/16/11 0852	Acetone Methyl acetate 2-Butanone 2-Hexanone 1,2,4-Trichlorobenzene	43 %D 28 %D 30 %D 21 %D 22 %D	SCA-0028-01, -02, -03, -04	UJ, J
CCV 12/19/11 0856	Acetone Methyl acetate 2-Butanone 4-Methyl-2-pentanone 2-Hexanone Acrylonitrile	42 %D 32 %D 35 %D 24 %D 29 %D 22 %D	SCA-0028-04 (FD), -05, -06, -07, -08 (TB) SCA-0029-01, -02, -03, -04, -05, -06 (TB), -07 (EB) SCA-0030-01, -02, -03	UJ, J
CCV 12/21/11 0828	Chloroethane Trichlorofluoromethane Acetone Carbon disulfide Methyl acetate 2-Butanone 2-Hexanone 1,2,3-Trichloropropane 1,2-Dibromo-3-chloropropane 1,2,4-Trichlorobenzene	41 %D 34 %D 50 %D 38 %D 32 %D 37 %D 32 %D 25 %D 34 %D 46 %D	SCA-0030-04, -05 (TB) SCA-0031-01, -02, -03, -04, -05, -06, -07 (TB) SCA-0032-01, -02, -03, -04, -05, -06, -09 (TB)	UJ
CCV 12/23/11 0806	Trichlorofluoromethane Acetone Methyl acetate 2-Butanone 1,1,2-Trichloroethane Chlorodibromomethane 1,2-Dibromoethane Bromoform 1,1,1,2-Tetrachloroethane 1,2,3-Trichloropropane 1,2-Dibromo-3-chloropropane Trans-1,4-dichloro-2-butene	51 %D 59 %D 32 %D 46 %D 23 %D 21 %D 24 %D 29 %D 25 %D 31 %D 44 %D 26 %D	SCA-0033-01, -02, -03, -04, -05, -06 (FD), -07 (TB) SCA-0034-01, -02, -03, -04 (EB), -05 (TB)	UJ

Note:
 CCV indicates continuous calibration verification.
 %D indicates percent deviation
 EB indicates equipment blank
 FD indicates field duplicate
 TB indicates trip blank

Blank analysis

Results for target analytes were outside of the validation criterion for blank analyses. The samples qualified as non-detected (U) for minor representativeness excursions are summarized in the following table:

Table 3. Blank Excursions for VOC Analyses

Blank ID	Analyte	Detected Concentration	Affected Sample Results	Action
SCA-0029-06 (TB)	1,4-Dichlorobenzene	0.56 µg/L	SCA-0029-04, -05	U
SCA-0033-07 (TB)	1,2,4-Trichlorobenzene	4.9 µg/L	SCA-0033-02	U
SCA-0034-04 (EB)	Chlorobenzene	1.0 µg/L	SCA-0030-03 SCA-0031-04	U
SCA-0034-04 (EB)	1,2-Dichlorobenzene	0.98 µg/L	SCA-0032-03 SCA-0030-03 SCA-0031-04	U

Table 3. Blank Excursions for VOC Analyses

Blank ID	Analyte	Detected Concentration	Affected Sample Results	Action
SCA-0034-04 (EB)	1, 4-Dichlorobenzene	4.7 µg/L	SCA-0033-04 SCA-0032-03 SCA-0030-02, -03 SCA-0031-04	U

Note:
µg/L indicates microgram per liter
EB indicates equipment blank
TB indicates trip blank

MS/MSD and laboratory duplicate analysis

The percent recoveries and RPDs for target analytes in MS/MSD and laboratory duplicate analyses were outside of the laboratory control limits. The samples qualified as approximate (UJ, J) for minor accuracy excursions are summarized in the following table:

Table 4. MS/MSD and Laboratory Duplicate Excursions for VOC Analyses

MS/MSD/Duplicate IDs	Analyte	Excursions	Affected Sample Results	Action
SCA-0018-04	Trans-1,4-dichloro-2-butene	12 %R, 9 %R	SCA-0018-04	UJ
SCA-0018-02	Chlorobenzene 1,2-Dichloroethane	72 RPD 17 RPD	SCA-0018-02	J
SCA-0028-06	Chlorobenzene	75 %R, 77 %R	SCA-0028-06	J

Note:
MS/MSD indicates matrix spike/matrix spike duplicate
%R indicates percent recovery
RPD indicates relative percent difference

LCS analysis

The percent recovery for one target analyte in an LCS analysis was outside of the laboratory control limit. The samples qualified as approximate (UJ, J) for the minor accuracy excursion are summarized in the following table:

Table 5. LCS Excursions for VOC Analyses

LCS ID	Analyte	Excursion	Affected Sample Results	Action
180-24518 12/23/11	1,2,4-Trichlorobezene	32 %R	SCA-0033-01, -02, -03, -04, -05, -06 (FD), -07 (TB) SCA-0034-01, -02, -03, -04 (EB), -05 (TB)	UJ, J

Note:
LCS indicates laboratory control sample
%R indicates percent recovery

Internal standard performance

The recoveries for internal standards in samples analyzed for VOCs were outside of the validation control limits. The samples qualified as approximate (UJ, J) for minor accuracy excursions are summarized in the following table:

Table 6. Internal Standard Excursions for VOC Analyses

Sample IDs	Internal Standard	Excursions	Affected Sample Results	Action
SCA-0033-04	1,4-Dichlorobenzene-d4	48 %R	See note section	UJ, J

Note:
%R indicates percent recovery
The analytes affected by internal standard 1,4-dichlorobenezne-d4 include the following: 1,1,2,2-tetrachloroethane, 1,2,3-trichloropropane, 1,3-dichlorobenzene, 1,4-dichlorobenzene, 1,2-dichlorobenzene, 1,2,4-trichlorobenzene, 1,2-dibromom-3-chloropropane, and trans-1,4-dichloro-2-butene.

Target analyte quantitation and QLs

Results for VOCs with concentrations greater than the MDL but less than the QL were qualified as approximate (J) by the laboratory. The “J” qualifiers were retained during the validation process to indicate that these concentrations are approximate.

Dilutions were performed for VOC samples due to high concentrations of target analytes and matrix interference.

2.3. SVOC ANALYSIS

2.3.1 Criteria

The following QA/QC parameters were found to meet validation criteria or did not require additional comments:

- GC/MS tuning criteria
- Surrogate recovery
- MS/MSD analysis
- Field duplicate analysis
- Internal standards performance
- Target analyte identification

Deviations from QA/QC criteria presented in Section 1.2 that resulted in qualified data and additional observations are summarized below.

QAPP compliance

The entire list of SVOC target analytes was not included in the MS/MSD analysis for SCA-0004-01 and SCA-0006-03.

Holding times

One sample submitted for SVOC analysis was extracted outside of the validation holding time criterion. The sample qualified as approximate (UJ, J) for the minor representativeness excursion is summarized in the following table:

Table 7. Holding Time Excursion for SVOC Analyses				
Sample ID	Analyte	Excursion	Affected Sample Results	Action
SCA-0005-01	SVOC target analyte list	Outside of the 7 day extraction holding time	SCA-0005-01	UJ, J

Calibration

Target analytes were outside of the calibration validation criteria. The samples qualified as approximate (UJ) for minor accuracy excursions or rejected (R) for major accuracy excursions are summarized in the following table:

Table 8. Calibration Excursions for SVOC Analyses				
Calibration IDs	Analyte	Excursions	Affected Sample Results	Action
IC GCMSF 12/16/2010	p-Phenylenediamine 3,3-Dimethyl benzidine Pentachloronitrobenene o-Toluidine 4-Aminobiphenyl	54 %R ICV, 57 %RSD 29 %R ICV RF 0.036 60 %R ICV 59 %R ICV	SCA-0001-01, -02, -03, -04 SCA-0002-01, -02, -03, -04, -06 (EB) SCA-0003-01, -02, -03, -04, -05 (FD) SCA-0004-01, -04, -05, -06 SCA-0005-01, -02, -03, -04 (EB) SCA-0006-01, -02, -03, -06, -07 (FD) SCA-0007-01, -02, -03 (EB)	UJ

Table 8. Calibration Excursions for SVOC Analyses

Calibration IDs	Analyte	Excursions	Affected Sample Results	Action
CCV GCMSF 3/18/2011	n-Nitroso-di-n-propylamine 4-Nitrophenol p-Phenylenediamine Phenacetin Methapyriline Kepone 3,3-Dimethylbenzidine Chorobezilate	23.4 %D 37.4 %D 57.5 %D 22.6 %D 26.6 %D 31.2 %D 65.4 %D 21.9 %D	SCA-0001-01, -02, -03, -04 SCA-0002-01, -02, -03, -04, -06 (EB) SCA-0004-01, -04, -05, -06	UJ
CCV GCMSF 3/21/2011	n-Nitroso-di-n-propylamine Methapyriline 2-Nitroaniline Ethyl methanesulfonate p-Phenylenediamine Phenacetin Kepone 3,3-Dimethylbenzidine Chorobezilate	33.2 %D 33.7 %D 25.1 %D 22.1 %D 61.7 %D 24.2 %D 27.9 %D 66.5 %D 21.5 %D	SCA-0003-01, -02, -03, -04, -05 SCA-0005-02	UJ
CCV GCMSF 3/25/2011	n-Nitroso-di-n-propylamine p-Phenylenediamine Phenacetin Methapyriline Kepone 3,3-Dimethylbenzidine	28.2 %D 52.7 %D 25.1 %D 29.3 %D 32.4 %D 66.5 %D	SCA-0005-01, -03, -04 (EB)	UJ
CCV GCMSF 3/23/2011	n-Nitroso-di-n-propylamine 4-Nitrophenol 4,6-Dinitro-2-methylphenol 7,12-Dimethylbenzo(a)anthracene Ethyl methanesulfonate Phenacetin Methapyriline Kepone 3,3-Dimethylbenzidine Chorobezilate	25.1 %D 30.5 %D 23.9 %D 23.2 %D 21.2 %D 28.1 %D 33.0 %D 48.3 %D 74.7 %D 22.6 %D	SCA-0006-01, -02, -03, -06, -07 (FD)	UJ
CCV GCMSF 3/30/2011	n-Nitroso-di-n-propylamine 2-Nitroaniline 4-Bromophenyl phenyl ether p-Phenylenediamine Phenacetin Methapyriline Kepone 3,3-Dimethylbenzidine Chorobezilate	30.0 %D 21.2 %D 21.4 %D 59.3 %D 25.9 %D 54.9 %D 32.3 %D 67.7 %D 21.5 %D	SCA-0007-01, -02, -03 (EB)	UJ
IC GCMSF 7/28/2011	Pentachloronitrobenzene 7,12-Dimethyl Benzo(a)anthracene	RF 0.038 53 %R ICV	SCA-0016-01, -02, -03, -04, -05 SCA-0021-01, -02 SCA-0023-01, -02, -03 (FD) SCA-0014-01, -02, -03, -04 SCA-0019-01, -02 (EB), -03 SCA-0025-01	UJ
IC GCMSF 7/28/2011	3,3'-Dimethyl benzidine	RF 0.026 64 %RSD	SCA-0016-01, -02, -03, -04, -05 SCA-0021-01, -02 SCA-0023-01, -02, -03 (FD) SCA-0014-01, -02, -03, -04 SCA-0019-01, -02 (EB), -03 SCA-0025-01	R

Table 8. Calibration Excursions for SVOC Analyses

Calibration IDs	Analyte	Excursions	Affected Sample Results	Action
CCV GCMSP 9/27/2011	Nitrobenzene	21 %D	SCA-0014-01, -02, -03 SCA-0019-01, -02 (EB), -03	UJ
	Hexachlorobutadiene	25 %D		
	4-Chloro-3-methylphenol	29 %D		
	Hexachlorocyclopentadiene	56 %D		
	2-Nitroaniline	25 %D		
	Butylbenzyl phthalate	22 %D		
	Methyl methanesulfonate	28 %D		
	n-Nitrosomethylethylamine	54 %D		
	n-Nitrosopyrrolidine	35 %D		
	n-Nitrosopiperidine	59 %D		
	Hexachloropropene	38 %D		
	p-Phenylenediamine	47 %D		
	n-Nitroso di-n-butylamine	27 %D		
	m-Dinitrobenzene	30 %D		
	2-Naphthylamine	24 %D		
	1-Naphthylamine	27 %D		
	Methapyriline	44 %D		
	Kepone	50 %D		
2-Acetylaminofluorene	22 %D			
3,3-Dimethylbenzidine	35 %D			
CCV GCMSP 9/26/2011	Hexachlorobutadiene	24 %D	SCA-0014-02	UJ
	4-Chloro-3-methylphenol	28 %D		
	Hexachlorocyclopentadiene	60 %D		
	2-Nitroaniline	26 %D		
	2,4-Dinitrotoluene	21 %D		
	3,3'-Dichlorobenzidine	23 %D		
	Methyl methanesulfonate	27 %D		
	n-Nitrosomethylethylamine	49 %D		
	n-Nitrosopyrrolidine	36 %D		
	n-Nitrosopiperidine	55 %D		
	Hexachloropropene	38 %D		
	p-Phenylenediamine	31 %D		
	n-Nitroso di-n-butylamine	23 %D		
	m-Dinitrobenzene	31 %D		
	1-Naphthylamine	26 %D		
	Methapyriline	26 %D		
	Kepone	50 %D		
	2-Acetylaminofluorene	28 %D		
3,3-Dimethylbenzidine	31 %D			
CCV GCMSP 9/30/2011	Nitrobenzene	22 %D	SCA-0016-01, -02, -03, -04, -05	UJ
	Hexachlorobutadiene	28 %D		
	4-Chloro-3-methylphenol	27 %D		
	Hexachlorocyclopentadiene	44 %D		
	2-Nitroaniline	29 %D		
	2,4-Dinitrophenol	22 %D		
	2,4-Dinitrotoluene	22 %D		
	Butylbenzyl phthalate	22 %D		
	Methyl methanesulfonate	50 %D		
	n-Nitrosomethylethylamine	64 %D		
	Ethylmethanesulfonate	21 %D		
	n-Nitrosopyrrolidine	38 %D		
	n-Nitrosopiperidine	57 %D		
	n-Nitroso di-n-butylamine	23 %D		
	m-Dinitrobenzene	25 %D		
	Methapyriline	29 %D		
	Kepone	40 %D		
	Hexachloropropene	38 %D		

Table 8. Calibration Excursions for SVOC Analyses

Calibration IDs	Analyte	Excursions	Affected Sample Results	Action
CCV GCMSP 10/3/2011	Nitrobenzene	26 %D	SCA-0021-01, -02	UJ
	Isophorane	23 %D	SCA-0023-01, -02, -03 (FD)	
	Hexachlorobutadiene	23 %D	SCA-0025-01	
	4-Chloro-3-methylphenol	22 %D		
	Hexachlorocyclopentadiene	45 %D		
	2-Nitroaniline	31 %D		
	Butylbenzyl phthalate	26 %D		
	3,3'-Dichlorobenzidine	24 %D		
	Di-n-octylphthalate	23 %D		
	Methyl methanesulfonate	54 %D		
	n-Nitrosomethylethylamine	66 %D		
	Ethyl methanesulfonate	23 %D		
	n-Nitrosopyrrolidine	44 %D		
	n-Nitrosopiperidine	60 %D		
	Hexachloropropene	36 %D		
	n-Nitroso di-n-butylamine	24 %D		
	m-Dinitrobenzene	26 %D		
Methapyriline	36 %D			
Kepone	32 %D			

Note:
 IC indicates initial calibration.
 ICV indicates initial calibration verification.
 CCV indicates continuous calibration verification.
 RF indicates response factor.

Blank analysis

Results for target analytes were outside of the validation criterion for blank analyses. The samples qualified as non-detected (U) for minor representativeness excursions are summarized in the following table:

Table 9. Blank Excursions for SVOC Analyses

Blank ID	Analyte	Detected Concentration	Affected Sample Results	Action
SCA-0019-02 (EB)	Bis(2-ethyhexyl)phthalate	1.3 µg/L	SCA-0014-04	U

Note:
 µg/L indicates microgram per liter
 EB indicates equipment blank

LCS analysis

The percent recoveries for target analytes in LCS analyses were outside of the laboratory control limits. The samples qualified as approximate (UJ) for minor accuracy excursions or rejected (R) for major accuracy excursions are summarized in the following table:

Table 10. LCS Excursions for SVOC analyses

LCS IDs	Analyte	Excursions	Affected Sample Results	Action
LCS OP48652 3/17/2011	p-Phenylenediamine	10 %R	SCA-0001-01, -02, -03, -04 SCA-0002-01, -02, -03, -04, -06 (EB) SCA-0003-01, -02, -03, -04, -05 (FD) SCA-0004-01, -04, -05, -06	UJ
LCS OP48681 3/18/2011	p-Phenylenediamine	7 %R	SCA-0005-02, -03, -04 (EB)	R
LCS OP48845 3/28/2011	p-Phenylenediamine	39 %R	SCA-0007-01, -02, -03 (EB)	UJ
LCS OP48779 3/24/2011	p-Phenylenediamine	4 %R	SCA-0005-01	R
LCS OP48736 3/22/2011	p-Phenylenediamine	7 %R	SCA-0006-01, -02, -03, -06, -07 (FD)	R

LCS OP52095 9/24/2011	3,3-Dimethyl benzidine 3-Methyl cholanthrene p-Phenylenediamine	0 %R 0 %R 0 %R	SCA-0014-01, -02, -03, -04 SCA-0019-01, -02(EB), -03	R
LCS OP52095 9/28/2011	3,3-Dimethyl benzidine 3-Methyl cholanthrene	0 %R 0 %R	SCA-0023-01, -02, -03 (FD)	R
LCS OP52095 9/28/2011	p-Phenylenediamine	27 %R	SCA-0023-01, -02, -03 (FD)	UJ
LCS OP52095 9/26/2011	3,3-Dimethyl benzidine 3-Methyl chloranthrene	0 %R 0 %R	SCA-0021-01, -02	R
LCS OP52095 9/26/2011	p-Phenylenediamine	28 %R	SCA-0021-01, -02	UJ
LCS OP52064 9/23/2011	4-Chloroaniline 2-Naphthylamine o-Toluidine	25 %R 37 %R 15 %R	SCA-0016-01, -02, -03, -04, -05	UJ
LCS OP52064 9/23/2011	3,3'-Dimethylbezidine 3-Methylchloranthrene Methapyriline p-Phenylenediamine	0 %R 0 %R 0 %R 0 %R	SCA-0016-01, -02, -03, -04, -05	R
LCS OP52182 9/29/2011	3,3'-Dimethylbezidine 3-Methylchloranthrene p-Phenylenediamine	0 %R 0 %R 0 %R	SCA-0025-01	R

Note:
LCS indicates laboratory control sample
%R indicates percent recovery

Target analyte quantitation and QLs

Results for SVOCs with concentrations greater than the MDL but less than the QL were qualified as approximate (J) by the laboratory. The “J” qualifiers were retained during the validation process to indicate that these concentrations are approximate.

2.4. ORGANOCHLORINE PESTICIDES, ORGANOPHOSPHORUS PESTICIDES, CHLORINATED HERBICIDES, TOC, AND DISSOLVED LIGHT HYDROCARBON ANALYSIS

2.4.1 Criteria

The following QA/QC parameters were found to meet validation criteria or did not require additional comments:

- QAPP compliance
- Analytical sequence
- Field duplicate analysis
- Target analyte identification

Deviations from QA/QC criteria presented in Section 1.2 that resulted in qualified data and additional observations are summarized below.

Holding times

Four samples submitted for pesticide analysis were extracted outside of the validation holding time criterion. The samples qualified as approximate (UJ) due to the minor representativeness excursions are summarized in the following table:

Table 11. Holding Time Excursion for Organophosphorus Pesticide Analyses				
Sample ID	Analyte	Excursion	Affected Sample Results	Action
SCA-0001-01, -02, -03, -04	Organophosphorus pesticide target analyte list	Outside of the 7 day extraction holding time	SCA-0001-01, -02, -03, -04	UJ

Blank analysis

Target analytes were detected in blanks analyzed for TOC analysis for this investigation.

The samples qualified as non-detected (U) or approximate (J) for minor representativeness excursions or rejected (R) for major representativeness excursions are summarized in the following table:

Table 12. Blank Excursions for TOC Analyses				
Blank ID	Analyte	Detected Concentration	Affected Sample Results	Action
MB GP57975	TOC	0.13 mg/L	SCA-0003-01 SCA-0004-01, -05, -06	U
CCB 3/25/2011	TOC	0.16 mg/L	SCA-0005-03	U
CCB 6/23/2011	TOC	0.36 mg/L	SCA-0008-05	U
MB GP59428	TOC	0.16 mg/L	SCA-0010-01, -05, -07 (FD)	U
MB GN52767	TOC	0.14 mg/L	SCA-0011-02	U
SCA-0009-06 (EB)	TOC	1.3 mg/L	SCA-0008-01 SCA-0009-01, -02, -03 SCA-0010-02, -03	J
SCA-0009-06 (EB)	TOC	1.3 mg/L	SCA-0009-04 SCA-0010-04 SCA-0008-04, -06	R
MB GN55848	TOC	0.28 mg/L	SCA-0015-01, -02 (FD)	U
MB GP60721	TOC	0.02 mg/L	SCA-0017-02	U
SCA-0029-07(EB)	TOC	0.31 mg/L	SCA-0027-02, -03, -04 SCA-0028-02, -03, -04, -06 (FD)	U
SCA-0034-04 (EB)	TOC	0.77 mg/L	SCA-0030-03, -04 SCA-0032-01, -02, -03	U

TOC indicates total organic carbon.
 MB indicates method blank
 CCB indicates continuing calibration blank
 EB indicates equipment blank

Calibration

Target analytes were outside of the calibration validation criteria. The samples qualified as approximate (UJ) for minor accuracy excursions are summarized in the following table.

Table 13. Calibration Excursions for Organophosphorus Pesticide Analyses				
Calibration IDs	Analyte	Excursions	Affected Sample Results	Action
CCV 3/25/2011 0253	Famphur	23.4 %D MR-1, 21.7 %D DB-5	SCA-0006-01, -02, -03, -06, -07 (FD)	UJ
CCV 4/4/2011 0221	Methyl parthion Famphur	21.8 %D MR-1, 19.4 %D DB-5 18.7 %D MR-1, 19.6 %D DB-5	SCA-0007-01, -02, -03 (EB)	UJ
CCV 10/6/2011 1254	Methyl parthion	16 %D MR-1, 21 %D DB-5	SCA-0025-01	UJ

Note:
 CCV indicates continuous calibration verification.

Surrogate recovery

The percent recoveries for surrogates were outside of the laboratory control limits. The samples qualified as approximate (UJ) for minor accuracy excursions are summarized in the following table:

Table 14. Surrogate Recovery Excursion for Organophosphorus Pesticide Analyses

Sample ID	Surrogate	Excursions	Affected Sample Results	Action
SCA-0006-01	Triethyl phosphate	19 %R, 18 %R	Organophosphorus pesticide target list	UJ
SCA-0025-01	Tetrachloro-m-xylene	16 %R, 14 %R	Organochlorine pesticide target list	UJ

Note:
%R indicates percent recovery.

MS/MSD analysis

The results for TOC were outside of the validation criterion for accuracy in field duplicate analysis. The samples qualified as approximate (UJ, J) for minor accuracy excursions are summarized in the following table:

Table 15. MS/MSD Excursions for TOC Analyses

MS/MSD ID	Analyte	Excursions	Affected Sample Results	Action
SCA-0027-04	TOC	37 %R, 36 %R	SCA-0027-01, -02, -03, -04 SCA-0028-01, -02, -03, -04, -05, -06(FD), -07 SCA-0029-01, -02, -03, -04, -05 SCA-0030-01, -02, -03, 04	UJ, J

Note:
%R indicates percent recovery.
TOC indicates total organic carbon.

LCS analysis

The percent recoveries for target analytes in LCS analyses were outside of the laboratory control limits. The samples qualified as approximate (UJ) for minor accuracy excursions are summarized in the following table:

Table 16. LCS Excursions for Organophosphorus Pesticide Analyses

LCS IDs	Analyte	Excursions	Affected Sample Results	Action
OP36660-BS 4/1/2011	Dimethoate	52 %R	SCA-0007-01, -02, -03 (EB)	UJ
OP38909 10/4/2011	Dimethoate	50 %R	SCA-0025-01	UJ

Note:
LCS indicates laboratory control sample
%R indicates percent recovery

Target analyte quantitation and QLs

Results for organochlorine pesticides, organophosphorus pesticides, chlorinated herbicides, TOC and dissolved light hydrocarbon analyses with concentrations greater than the MDL but less than the QL were qualified as approximate (J) by the laboratory. The “J” qualifiers were retained during the validation process to indicate that these concentrations are approximate.

2.5 PCB CONGENERS AND POLYCHLORINATED DIBENZO-P-DIOXINS/POLYCHLORINATED DIBENZOFURANS EVALUATION SUMMARY

2.5.1 Criteria

The following QA/QC parameters were found to meet method and validation criteria or did not result in additional qualification of sample results:

- QAPP compliance
- Holding times
- Calibration
- MS/MSD analysis

■ Confirmation analysis

Deviations from QA/QC criteria presented in Section 1.2 that resulted in qualified data and additional observations are summarized below.

Instrument performance (mass resolution)

Mass resolutions for PCDD/ PCDF analyses were less than 10,000 for several analytical sequences. As a result, detected target analyte results in samples associated with the mass resolution excursions were qualified as approximate (J) to identify potential false positive results. The samples qualified for minor accuracy excursions are summarized in the following table.

Table 17. Mass Resolution Excursion for PCDDs and PCDFs

Mass Resolution ID	Affected Sample	Target Analytes	Action
MC 3/24/2011	SCA-0003-05	23478-PeCDF 123478-HxCDF 123678-HxCDF 234678-HxCDF 1234678-HpCDF	J

Note:
 PCDDs/ PCDFs indicates polychlorinated dibenzo-p-dioxins/polychlorinated dibenzofurans
 MC indicates mass calibration.
 PeCDF indicates pentachlorodibenzofuran
 HxCDF indicates hexachlorodibenzofuran
 HpCDF indicates heptachlorodibenzofuran

Blank analysis

Target analytes were detected in blanks analyzed for PCDD/ PCDF analyses for this investigation. Samples with target analytes at concentrations less than or equal to five times the concentrations in the associated blank were flagged as estimated maximum possible concentrations (EMPCs). The samples qualified as EMPC due to minor representativeness excursions are summarized in the following table.

Table 18. Blank Contamination for PCDDs and PCDFs

Blank ID	Target analyte	Concentration	Affected samples	Action
MB 13587	234678-HxCDF 1234678-HpCDF	0.00106 ng/L 0.00098 ng/L	SCA-0003-05	EMPC

Note:
 PCDDs/ PCDFs indicates polychlorinated dibenzo-p-dioxins/polychlorinated dibenzofurans
 MB indicates method blank.
 HxCDF indicates hexachlorodibenzofuran
 HpCDF indicates heptachlorodibenzofuran

Target analytes were detected in blanks analyzed for PCB congeners for this investigation. Samples with target analytes at concentrations less than or equal to five times the concentrations in the associated blank were qualified as non-detected (U). The samples qualified due to minor representativeness excursions are summarized in the following table.

Table 19. Blank Contamination for PCB Congeners

Blank ID	Target analyte	Concentration	Affected samples	Action
MB 13917/ EB SCA-0005-04	Total Monochlorobiphenyls	4.36 pg/L	SCA-0005-01, -03	U
MB 13917/ EB SCA-0005-04	Total Dichlorobiphenyls Total Trichlorobiphenyls Decachlorobiphenyl	84 pg/L 114 pg/L 1.95 pg/L	SCA-0005-01, -02, -03	U

Table 19. Blank Contamination for PCB Congeners

Blank ID	Target analyte	Concentration	Affected samples	Action
MB 13917/ EB SCA-0005-04	Total Tetrachlorobiphenyls Total Pentachlorobiphenyls Total Hexachlorobiphenyls Total Heptachlorobiphenyls Total Octachlorobiphenyls	97.9 pg/L 73.4 pg/L 38.3 pg/L 14.8 pg/L 1.28 pg/L	SCA-0005-02, -03	U
MB 13593/ EB SCA-0002-06	Total Monochlorobiphenyls	6.52 pg/L	SCA-0001-03, -04 SCA-0002-01, -02, -03	U
MB 13593/ EB SCA-0002-06	Total Dichlorobiphenyls	81.2 pg/L	SCA-0001-01, -02, -03, -04 SCA-0002-01, -03, -04	U
MB 13593/ EB SCA-0002-06	Total Trichlorobiphenyls	107 pg/L	SCA-0001-04, -03 SCA-0002-01, -02, -03	U
MB 13593/ EB SCA-0002-06	Total Tetrachlorobiphenyls	105 pg/L	SCA-0001-01, -02, -03, -04 SCA-0002-01, -02, -03, -04	U
MB 13593/ EB SCA-0002-06	Total Pentachlorobiphenyls	89.6 pg/L	SCA-0001-01, -02, -03, -04 SCA-0002-01, -02, -04	U
MB 13593/ EB SCA-0002-06	Total Hexachlorobiphenyls	35.4 pg/L	SCA-0001-02, -03, -04 SCA-0002-01, -04	U
MB 13593/ EB SCA-0002-06	Total Heptachlorobiphenyls	10.4 pg/L	SCA-0001-02, -03, -04 SCA-0002-01, -04	U
MB 13593/ EB SCA-0002-06	Total Octachlorobiphenyls	1.14 pg/L	SCA-0001-02, -04	U
MB 13593/ EB SCA-0002-06	Decachlorobiphenyl	1.30 pg/L	SCA-0001-01, -02, -04 SCA-0002-02, -03, -04	U
MB 13593/ EB SCA-0005-04	Total Monochlorobiphenyls	4.3 pg/L	SCA-0003-01, -02, -03	U
MB 13593/ EB SCA-0005-04	Total Dichlorobiphenyls	68.3 pg/L	SCA-0003-01, -02, -03, -04, -05	U
MB 13593/ EB SCA-0005-04	Total Trichlorobiphenyls	114 pg/L	SCA-0003-02, -03	U
MB 13593/ EB SCA-0005-04	Total Tetrachlorobiphenyls	97.9 pg/L	SCA-0003-02, -03, -04, -05	U
MB 13593/ EB SCA-0005-04	Total Pentachlorobiphenyls	73.4 pg/L	SCA-0003-01, -02, -03, -04, -05	U
MB 13593/ EB SCA-0005-04	Total Hexachlorobiphenyls	38.3 pg/L	SCA-0003-01, -03, -04, -05	U
MB 13593/ EB SCA-0005-04	Total Heptachlorobiphenyls	14.8 pg/L	SCA-0003-01, -03, -04, -05	U
MB 13593/ EB SCA-0005-04	Total Octachlorobiphenyls	1.28 pg/L	SCA-0003-01, -05	U
MB 13593/ EB SCA-0005-04	Decachlorobiphenyl	1.11 pg/L	SCA-0003-01, -02, -03, -04, -05	U
MB 14300/ EB SCA-0005-04	Total Monochlorobiphenyls	4.36 pg/L	SCA-0004-01	U
MB 14300/ EB SCA-0005-04	Total Dichlorobiphenyls	68.3 pg/L	SCA-0004-01	U
MB 14300/ EB SCA-0005-04	Total Trichlorobiphenyls	114 pg/L	SCA-0004-01	U
MB 14300/ EB SCA-0005-04	Total Pentachlorobiphenyls	94.2 pg/L	SCA-0004-01	U
MB 14300/ EB SCA-0005-04	Total Hexachlorobiphenyls	55.4 pg/L	SCA-0004-01	U
MB 14300/ EB SCA-0005-04	Total Heptachlorobiphenyls	21.6 pg/L	SCA-0004-01	U
MB 14300/ EB SCA-0005-04	Total Octachlorobiphenyls	10.3 pg/L	SCA-0004-01	U
MB 14300/ EB SCA-0005-04	Decachlorobiphenyl	1.79 pg/L	SCA-0004-01	U
MB 13750/ EB SCA-0005-04	Total Monochlorobiphenyls	4.36 pg/L	SCA-0004-06	U
MB 13750/ EB SCA-0005-04	Total Dichlorobiphenyls	68.3 pg/L	SCA-0004-05, -06	U
MB 13750/ EB SCA-0005-04	Total Trichlorobiphenyls	114 pg/L	SCA-0004-05, -06	U

Table 19. Blank Contamination for PCB Congeners

Blank ID	Target analyte	Concentration	Affected samples	Action
MB 13750/ EB SCA-0005-04	Total Tetrachlorobiphenyls	97.9 pg/L	SCA-0004-05, -06	U
MB 13750/ EB SCA-0005-04	Total Pentachlorobiphenyls	73.4 pg/L	SCA-0004-05, -06	U
MB 13750/ EB SCA-0005-04	Total Hexachlorobiphenyls	38.3 pg/L	SCA-0004-04, -05, -06	U
MB 13750/ EB SCA-0005-04	Total Heptachlorobiphenyls	14.9 pg/L	SCA-0004-04, -05, -06	U
MB 13750/ EB SCA-0005-04	Total Octachlorobiphenyls	3.4 pg/L	SCA-0004-04, -05, -06	U
MB 13750/ EB SCA-0005-04	Decachlorobiphenyl	1.61 pg/L	SCA-0004-04, -05, -06	U
MB 13917/ EB SCA-0005-04	Total Monochlorobiphenyls	4.36 pg/L	SCA-0006-02,-07	U
MB 13917/ EB SCA-0005-04	Total Dichlorobiphenyls	84 pg/L	SCA-0006-01, -02, -06, -07	U
MB 13917/ EB SCA-0005-04	Total Trichlorobiphenyls	114 pg/L	SCA-0006-01, -02, -06, -07	U
MB 13917/ EB SCA-0005-04	Total Tetrachlorobiphenyls	97.9 pg/L	SCA-0006-01, -02, -06, -07	U
MB 13917/ EB SCA-0005-04	Total Pentachlorobiphenyls	73.4 pg/L	SCA-0006-01, -02, -06, -07	U
MB 13917/ EB SCA-0005-04	Total Hexachlorobiphenyls	38.3 pg/L	SCA-0006-01, -02, -06, -07	U
MB 13917/ EB SCA-0005-04	Total Heptachlorobiphenyls	14.8 pg/L	SCA-0006-01, -02, -06, -07	U
MB 13917/ EB SCA-0005-04	Total Octachlorobiphenyls	1.28 pg/L	SCA-0006-06	U
MB 13917/ EB SCA-0005-04	Decachlorobiphenyl	1.95 pg/L	SCA-0006-01, -02, -06, -07	U
MB 14300/ EB SCA-0005-04	Total Monochlorobiphenyls	4.36 pg/L	SCA-0006-03	U
MB 14300/ EB SCA-0005-04	Total Dichlorobiphenyls	68.3 pg/L	SCA-0006-03	U
MB 14300/ EB SCA-0005-04	Total Pentachlorobiphenyls	94.2 pg/L	SCA-0006-03	U
MB 14300/ EB SCA-0005-04	Total Hexachlorobiphenyls	55.4 pg/L	SCA-0006-03	U
MB 14300/ EB SCA-0005-04	Total Heptachlorobiphenyls	21.6 pg/L	SCA-0006-03	U
MB 14300/ EB SCA-0005-04	Total Octachlorobiphenyls	10.3 pg/L	SCA-0006-03	U
MB 14300/ EB SCA-0005-04	Decachlorobiphenyl	1.79 pg/L	SCA-0006-03	U
MB 16102/ EB SCA-0007-03	Total Tetrachlorobiphenyls	138 pg/L	SCA-0007-01	U
MB 16102/ EB SCA-0007-03	Total Pentachlorobiphenyls	102 pg/L	SCA-0007-01	U
MB 16102/ EB SCA-0007-03	Total Hexachlorobiphenyls	50.2 pg/L	SCA-0007-01	U
MB 16102/ EB SCA-0007-03	Total Heptachlorobiphenyls	33.9 pg/L	SCA-0007-01, -02	U
MB 16102/ EB SCA-0007-03	Total Octachlorobiphenyls	13.0 pg/L	SCA-0007-01, -02	U
MB 16102/ EB SCA-0007-03	Decachlorobiphenyl	1.57 pg/L	SCA-0007-01, -02	U
MB 43430/ EB SCA-0019-02	Total Trichlorobiphenyls	96.5 pg/L	SCA-0014-01, -02, -03, -05 SCA-0016-02, -03, -04 SCA-0021-02 SCA-0023-01	U
MB 43430/ EB SCA-0019-02	Total Tetrachlorobiphenyls	67.0 pg/L	SCA-0014-01, -02, -03, -05 SCA-0016-02, -03 SCA-0021-02 SCA-0023-01	U

Table 19. Blank Contamination for PCB Congeners

Blank ID	Target analyte	Concentration	Affected samples	Action
MB 43430/ EB SCA-0019-02	Total Pentachlorobiphenyls	41.1 pg/L	SCA-0014-01, -02, -03, -05 SCA-0016-02, -03, -04 SCA-0021-02 SCA-0023-01	U

Note:
MB indicates method blank.
EB indicates equipment blank.

LCS analysis

The recovery for PCB congeners in LCS analyses were outside the laboratory control limits. The samples qualified as approximate (J) for minor accuracy excursions are summarized in the following table:

Table 20. LCS Excursions for PCB Congeners

LCS ID	Target analyte	Excursion	Affected samples	Action
OPR 43431 10/20/2011	3-Monochlorobiphenyl/ Total Monochlorobiphenyls	129 %R	SCA-0014-02, -05 SCA-0016-01, -04, -05 SCA-0019-01, -03 SCA-0021-01, -02 SCA-0023-01, -02, -03 SCA-0025-01	J
OPR 43431 10/20/2011	15-Dichlorobiphenyl Total Dichlorobiphenyls	132 %R	SCA-0014-01, -05 SCA-0016-01, -02, -05 SCA-0019-01, -03 SCA-0021-01 SCA-0023-01, -02, -03 SCA-0025-01	J
OPR 43431 10/20/2011	19-Trichlorobiphenyl/ Total Trichlorobiphenyls	119 %R	SCA-0014-01, -02, -03, -05 SCA-0016-01, -02, -03, -04, -05 SCA-0019-01, -02, -03 SCA-0021-01, -02 SCA-0023-01, -02, -03 SCA-0025-01	J

Note:
%R indicates percent recovery.

Internal standard criteria

The recovery for internal standards for PCDDs/PCDFs and PCB congeners were outside the laboratory control limits. The samples qualified as approximate (UJ, J) for minor accuracy excursions are summarized in the following table:

Table 21A. Internal Standard Excursion for PCDDs and PCDFs

Sample ID	Internal standard	Excursion	Affected analytes	Action
SCA-0006-03	13C 12376-PeCDF	141 %R	12378-PeCDF 23478-PeCDF	UJ
SCA-0007-02	13C123478—HxCDF	139 %R	1,2,3,4,7,8-HxCDF 1,2,3,6,7,8-HxCDF 1,2,3,7,8,9-HxCDF 2,3,4,6,7,8-HxCDF	UJ
SCA-0023-03	13C-OCDD	36 %R	OCDD OCDF	UJ

Note:
%R indicates percentage recovery.
PCDDs/ PCDFs indicates polychlorinated dibenzo-p-dioxins/polychlorinated dibenzofurans
PeCDF indicates pentachlorodibenzofuran
HxCDF indicates hexachlorodibenzofuran
OCDD indicates octachlorodibenzo-p-dioxin
OCDF indicates octachlorodibenzofuran

Table 21B. Internal standard excursion for PCB Congeners				
Sample ID	Internal standard	Excursion	Affected analytes	Action
SCA-0001-02	104L Pentachlorobiphenyl 105L Pentachlorobiphenyl 118L Pentachlorobiphenyl 123L Pentachlorobiphenyl 111L Pentachlorobiphenyl	35 %R 49 %R 46 %R 48 %R 51 %R	Total Pentachlorobiphenyls	J
SCA-0001-03	111L Pentachlorobiphenyl	55 %R	Total Pentachlorobiphenyls	J
SCA-0001-04	104L Pentachlorobiphenyl 105L Pentachlorobiphenyl 114L Pentachlorobiphenyl 118L Pentachlorobiphenyl 123L Pentachlorobiphenyl 126L Pentachlorobiphenyl 111L Pentachlorobiphenyl	34 %R 48 %R 39 %R 41 %R 45 %R 49 %R 50 %R	Total Pentachlorobiphenyls	J
SCA-0002-02	111L Pentachlorobiphenyl	55 %R	Total Pentachlorobiphenyls	J
SCA-0002-06	118L Pentachlorobiphenyl 123L Pentachlorobiphenyl 111L Pentachlorobiphenyl	47 %R 47 %R 53 %R	Total Pentachlorobiphenyls	J
SCA-0004-01	104L Pentachlorobiphenyl 118L Pentachlorobiphenyl 111L Pentachlorobiphenyl	35 %R 47 %R 53 %R	Total Pentachlorobiphenyls	J
SCA-0004-04	104L Pentachlorobiphenyl 111L Pentachlorobiphenyl	35 %R 56 %R	Total Pentachlorobiphenyls	J
SCA-0006-01	104L Pentachlorobiphenyl 111L Pentachlorobiphenyl	32 %R 51 %R	Total Pentachlorobiphenyls	J
SCA-0006-03	104L Pentachlorobiphenyl 105L Pentachlorobiphenyl 114L Pentachlorobiphenyl 111L Pentachlorobiphenyl 118L Pentachlorobiphenyl 123L Pentachlorobiphenyl 126L Pentachlorobiphenyl	29 %R 41 %R 37 %R 43 %R 38 %R 41 %R 40 %R	Total Pentachlorobiphenyls	J
SCA-0006-03	189L Heptachlorobiphenyl 205L Octachlorobiphenyl 178L Heptachlorobiphenyl	39 %R 42 %R 52 %R	Total Heptachlorobiphenyls Total Octachlorobiphenyls	J
SCA-0019-03	37L Trichlorobiphenyl 77L Tetrachlorobiphenyl 81L Tetrachlorobiphenyl	134 %R 157 %R 155 %R	Total Trichlorobiphenyls Total Tetrachlorobiphenyls	J
SCA-0023-01	77L Tetrachlorobiphenyl 81L Tetrachlorobiphenyl	137 %R 140 %R	Total Tetrachlorobiphenyls	J
SCA-0025-01	77L Tetrachlorobiphenyl 208L Nonachlorobiphenyl Q 209L Decachlorobiphenyl Q	114 %R 96 %R 48 %R	Total Tetrachlorobiphenyls Total Nonachlorobiphenyls Total Decachlorobiphenyls	J
Note: %R indicates percentage recovery. Q indicates a quantitative interference identified was by the laboratory.				

Recovery standard criteria

The recovery for recovery standards for PCDDs/PCDFs was outside the laboratory control limits. The samples qualified as approximate (UJ, J) for minor accuracy excursions are summarized in the following table:

Table 22. Recovery Standard Excursion for PCDDs and PCDFs				
Sample ID	Recovery standard	Excursion	Affected analytes	Action
SCA-0006-03	1,2,3,4-TCDD 123789-HxCDD	7.6 %R 6.9 %R	Target analyte list	UJ, J
Note: PCDDs/ PCDFs indicates polychlorinated dibenzo-p-dioxins/polychlorinated dibenzofurans %R indicates percentage recovery. TCDD indicates tetrachlorodibenzo-p-dioxin HxCDD indicates hexachlorodibenzo-p-dioxin				

Field duplicate analysis

The results for total heptachlorobiphenyls in the field duplicate pair SCA-0023-02/SCA-0023-03 were qualified as approximate (J) due to a minor field duplicate excursion.

EMPC

Target analytes outside of the relative ion abundance criteria, but meeting the retention time windows criteria and having a signal to noise ratio of a minimum of 2.5:1, were flagged by the laboratory and qualified during the validation results as “EMPC”. The following results were qualified as “EMPC”:

- OCDD in samples SCA-0005-01, SCA-0004-06, SCA-0021-02 and SCA-0007-01
- 123478-HxCDF, 23478-PeCDF and 123678-HxCDF in sample SCA-0003-05
- 12378-PeCDF in sample SCA-0004-01
- OCDD and 1234678-HpCDD in sample SCA-0004-05

Target analyte quantitation, identification and QLs

SGS revised the PCDDs/PCDFs data generated for the March 2011 sampling event due to a calculation error. The factor used to calculate EDLs for Method 8290A was 3.0 for the March 2011 sampling event, but this factor was changed by SGS to 2.5 for the September 2011 sampling event to meet Method 8290A requirements.

SGS revised the PCB congener data generated for the March 2011 sampling event due to a calculation error. The factor used to calculate EDLs for Method 1668B was 3.0 for the March 2011 sampling event, but this factor was changed by SGS to 2.5 for the September 2011 sampling event as part of a policy change for 1668B data, since the method 1668B does not specify an EDL calculation factor.

The result for total monochlorobiphenyls in sample SCA-0006-01 was qualified as approximate (J) since the laboratory identified a quantitative interference associated with the target analyte.

2.6. METALS, HEXAVALENT CHROMIUM, MERCURY, HIGH RESOLUTION MERCURY, TOTAL CYANIDE, AMMONIA, TOTAL HARDNESS, TDS, ALKALINITY (TOTAL, BICARBONATE, AND CARBONATE), BROMIDE, CHLORIDE, SULFATE, TOTAL PHENOLS, BOD, COD, TKN, NITRATE/NITRITE, NITRITE, AND COLOR DATA EVALUATION ANALYSIS

2.6.1 Criteria

The following QA/QC parameters were found to meet validation criteria or did not require additional comments:

- QAPP compliance
- Calibration
- Laboratory duplicate analysis
- LCS analysis
- ICP interference check sample analysis
- Internal standards performance

Deviations from QA/QC criteria presented in Section 1.2 that resulted in qualified data and additional observations are summarized below.

Holding times

Samples submitted for TDS and, hexavalent chromium analyses were analyzed outside of the validation criterion. The samples qualified as approximate (J) for minor representativeness excursions or rejected (R) for major representativeness excursions are summarized in the following table:

Table 23. Holding Time Excursion for TDS Analyses

Sample IDs	Analyte	Excursion	Affected Sample Results	Action
SCA-0001-02 SCA-0002-04 SCA-0007-01, -02, -03 (EB)	TDS	Outside of the 7 day analysis holding time	SCA-0001-02 SCA-0002-04 SCA-0007-01, -02, -03 (EB)	J
SCA-0022-01, -03, -06 (EB) SCA-0028-01, -02, -04, -05, -06 (EB), -07 SCA-0030-03, -04 SCA-0031-01, -02, -03, -04, -05, -06 SCA-0032-02, -03, -04 SCA-0033-03, -06 (FD) SCA-0034-01, -02, -03, -04 (EB)	Hexavalent Chromium	Outside of the 24 hour analysis holding time but within 48 hours	SCA-0022-01, -03, -06 (EB) SCA-0028-01, -02, -04, -05, -06 (FD), -07 SCA-0030-03, -04 SCA-0031-01, -02, -03, -04, -05, -06 SCA-0032-02, -03, -04, -05 SCA-0033-03, -06 (FD) SCA-0034-01, -02, -03, -04 (EB)	UJ, J
SCA-0027-01, -02, -03, -04	Hexavalent Chromium	Outside of the 24 hour analysis holding time and greater than 48 hours	SCA-0027-01, -02, -03, -04	R

Notes:
TDS indicates total dissolved solids.

Blank analysis

Target analytes were detected in blanks analyzed for metals and inorganic analysis for this investigation. The samples qualified as non-detected (U) or approximate (J) for minor representativeness excursions or rejected (R) for major representativeness excursions are summarized in the following table:

Table 24. Blank Excursions for Metal and Inorganic Analyses

Blank ID	Analyte	Detected Concentration	Affected Sample Results	Action
MB MP57320 3/23/2011	Selenium	2.1 µg/L	SCA-0001-02 SCA-0002-02 SCA-0003-01, -02, -03, -04, -05 (FD)	U
CCB MA26038 3/24/2011	Aluminum	20.7 µg/L	SCA-0001-01, -03, -04 SCA-0002-03, -04 SCA-0003-01	U
CCB MA26038 3/24/2011	Beryllium	0.7 µg/L	SCA-0001-01, -03 SCA-0002-01 SCA-0003-01	U
CCB MA26038 3/24/2011	Cobalt	0.7 µg/L	SCA-0001-02, -03, -04 SCA-0002-01, -02, -03 -04 SCA-0003-01, -02, -03, -04, -05 (FD)	U
CCB MA26038 3/24/2011	Chromium	1.1 µg/L	SCA-0001-01, -02 SCA-0002-01 SCA-0003-05 (FD)	U
CCB MA26038 3/24/2011	Copper	1.1 µg/L	SCA-0001-01, -03, -04 SCA-0002-01, -02 SCA-0003-01, -05 (FD)	U
CCB MA26038 3/24/2011	Iron	14.6 µg/L	SCA-0001-01, -04	U
CCB MA26038 3/24/2011	Nickel	0.5 µg/L	SCA-0001-01, -02, -03, -04 SCA-0002-01, -03, -04 SCA-0003-02, -04, -05 (FD)	U
CCB MA26038 3/24/2011	Thallium	0.9 µg/L	SCA-0001-01, -03 SCA-0003-01, -02	U
CCB MA26038 3/24/2011	Vanadium	1.0 µg/L	SCA-0003-03	U
CCB MA26047 3/26/2011	Cadmium	0.5 µg/L	SCA-0001-02, -03, -04 SCA-0002-02, -03	U
MB MP57365 3/25/2011	Aluminum	7.8 µg/L	SCA-0004-05, -06	U
MB MP57365 3/25/2011	Copper	1.4 µg/L	SCA-0004-01, -04, -06	U
CCB MA26047 3/25/2011	Cobalt	1.3 µg/L	SCA-0004-06	U

Table 24. Blank Excursions for Metal and Inorganic Analyses

Blank ID	Analyte	Detected Concentration	Affected Sample Results	Action
CCB MA26047 3/25/2011	Lead	1.1 µg/L	SCA-0004-04	U
CCB MA26047 3/25/2011	Thallium	1.4 µg/L	SCA-0004-06	U
CCB MA26053 3/25/2011	Cadmium	0.3 µg/L	SCA-0004-01	U
MB MP57404 3/28/2011	Copper	0.9 µg/L	SCA-0005-01, -03	U
MB MP57404 3/28/2011	Nickel	0.5 µg/L	SCA-0005-03	U
MB MP57404 3/28/2011	Selenium	1.8 µg/L	SCA-0005-02	U
CCB MA26047 3/26/2011	Thallium	0.8 µg/L	SCA-0002-02, -03, -04 SCA-0001-02 SCA-0003-04, -05 (FD)	U
CCB MA26061 3/28/2011	Cobalt	0.5 µg/L	SCA-0005-01	U
CCB MA26066 3/29/2011	Cadmium	0.2 µg/L	SCA-0005-02, -03	U
CCB MA26066 3/29/2011	Manganese	0.4 µg/L	SCA-0005-01	U
CCB MA26066 3/29/2011	Vanadium	0.9 µg/L	SCA-0005-02, -03	U
MB MP57428 3/29/2011	Aluminum	7.6 µg/L	SCA-0006-01, -03, -07	U
CCB MA26123 4/6/2011	Thallium	1.4 µg/L	SCA-0007-02	U
CCB GN49297	Total Phenolics	0.17 mg/L	SCA-0007-01, -02	U
MB MP58984 7/1/2011	Nickel	0.7 µg/L	SCA-0008-05, -06	U
CCB MA26653 7/1/2011	Arsenic	1.7 µg/L	SCA-0008-05, -06	U
CCB MA26653 7/1/2011	Cobalt	0.8 µg/L	SCA-0008-05	U
CCB MA26653 7/1/2011	Iron	11.4 µg/L	SCA-0008-06	U
CCB MA26677 7/6/2011	Cadmium	0.4 µg/L	SCA-0009-02	U
CCB MA26682 7/7/2011	Cadmium	0.4 µg/L	SCA-0009-04	U
CCB MA26682 7/7/2011	Cobalt	0.4 µg/L	SCA-0009-04	U
CCB MA26682 7/7/2011	Nickel	0.6 µg/L	SCA-0009-04	U
CCB MA59050 7/6/2011	Chromium	3.98 µg/L	SCA-0010-04, -05	U
CCB MA59050 7/6/2011	Copper Nickel	1.7 µg/L 1.7 µg/L	SCA-0010-01, -04, -05, -07 (FD)	U
CCB MA59050 7/6/2011	Zinc	2.6 µg/L	SCA-0010-03	U
CCB MA26693 7/8/2011	Cadmium	0.7 µg/L	SCA-0010-02, -03	U
CCB MA26693 7/8/2011	Cobalt	0.7 µg/L	SCA-0010-01, -07 (FD)	U
CCB MA26693 7/8/2011	Vanadium	1.5 µg/L	SCA-0010-01	U
MB MP59087 7/7/2011	Selenium	2.0 µg/L	SCA-0011-01	U
CCB MA26692 7/8/2011	Cadmium	0.3 µg/L	SCA-0011-01-03	U
CCB MA26699 7/9/2011	Cadmium	0.7 µg/L	SCA-0011-02	U
CCB MA26699 7/9/2011	Cobalt	0.7 µg/L	SCA-0011-02	U
CCB MA26699 7/9/2011	Nickel	0.7 µg/L	SCA-0011-02, -04	U
CCB MA26699 7/9/2011	Thallium	0.4 µg/L	SCA-0011-02	U
CCB MA26693 7/8/2011	Cadmium	0.7 µg/L	SCA-0012-02	U
CCB MA26693 7/8/2011	Cobalt	0.8 µg/L	SCA-0012-01, -03, -04	U
CCB MA26693 7/8/2011	Lead	1.1 µg/L	SCA-0012-01, -03, -04	U
CCB MA26693 7/8/2011	Nickel	1.0 µg/L	SCA-0012-04	U
CCB MA26693 7/8/2011	Vanadium	0.9 µg/L	SCA-0012-01, -02, -03, -04	U
CCB MA26711 7/12/2011	Thallium	1.4 µg/L	SCA-0012-03	U
CCB MA26711 7/12/2011	Nickel	0.9 µg/L	SCA-0012-02	U

Table 24. Blank Excursions for Metal and Inorganic Analyses

Blank ID	Analyte	Detected Concentration	Affected Sample Results	Action
CCB MA26711 7/12/2011	Chromium	1.3 µg/L	SCA-0012-05	U
CCB MA26711 7/12/2011	Copper	0.8 µg/L	SCA-0012-05	U
CCB MA59131 7/11/2011	Cadmium	0.3 µg/L	SCA-0013-02	U
CCB MA59131 7/11/2011	Iron	15.1 µg/L	SCA-0013-01, -03, -04	U
CCB MA59131 7/11/2011	Zinc	2.6 µg/L	SCA-0013-03, -04	U
CCB MA26715 7/12/2011	Boron	5.8 µg/L	SCA-0013-02, -03, -04	U
CCB MA26715 7/12/2011	Thallium	1.3 µg/L	SCA-0013-03, -04	U
CCB MA26715 7/12/2011	Vanadium	0.5 µg/L	SCA-0013-01, -02	U
MB GP59416 6/23/2011	Nitrate-Nitrite, Nitrate	0.039 mg/L	SCA-0008-01, -04	U
MB GP59462	COD	10.7 mg/L	SCA-0009-01	U
MB GN52838	Phenol	0.037 mg/L	SCA-0009-01, -04	U
MB GP59439	Phenol	0.066 mg/L	SCA-0010-01, -02, -04, -07 (FD)	U
MB GP59551	Nitrate-Nitrite, Nitrate	0.026 mg/L	SCA-0013-01	U
SCA-0009-06 (EB)	TKN	0.79 mg/L	SCA-0008-04, -05 SCA-0009-01 SCA-0010-02	J
SCA-0009-06 (EB)	TKN	0.79 mg/L	SCA-0010-01, -07 (FD) SCA-0008-06	R
SCA-0013-05 (EB)	TKN	0.21 mg/L	SCA-0012-01, -02, -03, -04, -05	J
MB 60521 10/3/2011	Copper	3.1 µg/L	SCA-0015-01, -02 (FD), -03, -04	U
CCB MA27200 10/3/2011	Cadmium	0.7 µg/L	SCA-0015-01, -02 (FD), -04	U
CCB MA27200 10/3/2011	Cobalt	0.5 µg/L	SCA-0015-01, -02 (FD)	U
CCB MA27200 10/3/2011	Selenium	2.5 µg/L	SCA-0015-01, -02 (FD)	U
CCB MA27206 10/4/2011	Thallium	1.0 µg/L	SCA-0015-01, -02 (FD)	U
CCB MA27213 10/5/2011	Cadmium	0.4 µg/L	SCA-0015-03	U
MB MP60545 10/4/2011	Iron	17.0 µg/L	SCA-0016-02	U
CCB MA27207 10/5/2011	Thallium	0.4 µg/L	SCA-0016-01, -02, -04, -05	U
CCB MA27233 10/6/2011	Cadmium	0.7 µg/L	SCA-0017-02	U
CCB MA27231 10/7/2011	Cadmium	0.8 µg/L	SCA-0017-02	U
CCB MA27231 10/7/2011	Chromium	1.3 µg/L	SCA-0017-01, -02	U
CCB MA27231 10/7/2011	Cobalt	0.5 µg/L	SCA-0017-01	U
CCB MA27231 10/7/2011	Copper	0.9 µg/L	SCA-0017-01	U
CCB MA27231 10/7/2011	Nickel	0.6 µg/L	SCA-0017-02	U
CCB MA27231 10/7/2011	Selenium	2.0 µg/L	SCA-0017-02	U
MB MP60564 10/5/2011	Zinc	5.4 µg/L	SCA-0017-01, -02	U
MB MP60587 10/5/2011	Iron	17.2 µg/L	SCA-0018-03 SCA-0019-01	U
CCB MA27232 10/8/2011	Aluminum	7.6 µg/L	SCA-0018-02	U
CCB MA27232 10/8/2011	Cadmium	0.4 µg/L	SCA-0018-01, -02, -04	U
CCB MA27232-16 10/8/2011	Aluminum	11.6 µg/L	SCA-0018-03	U
CCB MA27232-16 10/8/2011	Chromium	0.8 µg/L	SCA-0018-03	U
CCB MA27232-16 10/8/2011	Manganese	0.7 µg/L	SCA-0018-03	U
CCB MA27232-16 10/8/2011	Nickel	0.7 µg/L	SCA-0018-03	U

Table 24. Blank Excursions for Metal and Inorganic Analyses

Blank ID	Analyte	Detected Concentration	Affected Sample Results	Action
CCB MA27239 10/8/2011	Thallium	2.3 µg/L	SCA-0018-01, -02, -04 SCA-0019-01	U
MB MP60602 10/6/2011	Barium	1.0 µg/L	SCA-0020-03	U
MB MP60602 10/20/2011	Zinc	1.9 µg/L	SCA-0021-01	U
CCB MA27232 10/8/2011	Nickel	1.0 µg/L	SCA-0020-01 SCA-0021-01	U
CCB MA27232 10/8/2011	Vanadium	0.9 µg/L	SCA-0021-02	U
CCB MA27232 10/8/2011	Aluminum	11.6 µg/L	SCA-0020-03	U
CCB MA27232 10/8/2011	Nickel	0.7 µg/L	SCA-0020-03	U
CCB MA27316 10/22/2011	Lead Nickel Thallium	1.1 µg/L 1.2 µg/L 1.7 µg/L	SCA-0020-02	U
MB MP60632 10/10/2011	Copper	1.3 µg/L	SCA-0022-01, -02, -03, -04	U
MB MP60632 10/10/2011	Zinc	1.9 µg/L	SCA-0022-03	U
CCB MA2724710/10/2011	Thallium	2.9 µg/L	SCA-0022-01	U
CCB MA27253 10/11/2011	Aluminum	16.3 µg/L	SCA-0022-02, -04	U
CCB MA27253 10/11/2011	Cadmium	0.7 µg/L	SCA-0022-04	U
CCB MA27253 10/11/2011	Chromium	1.1 µg/L	SCA-0022-03, -04	U
CCB MA27253 10/11/2011	Cobalt	0.6 µg/L	SCA-0022-02, -04	U
CCB MA27253 10/11/2011	Thallium	0.3 µg/L	SCA-0022-04	U
CCB MA27261 10/12/2011	Beryllium	0.98 µg/L	SCA-0022-03 -04	U
MB MP60611 10/7/2011	Cadmium	0.2 µg/L	SCA-0023-01, -02, -03	U
CCB MA27232 10/8/2011	Aluminum	13.7 µg/L	SCA-0023-02	U
CCB MA27232 10/8/2011	Arsenic	1.5 µg/L	SCA-0023-02, -03	U
CCB MA27232 10/8/2011	Nickel	0.7 µg/L	SCA-0023-02, -03	U
CCB MA27239 10/9/2011	Thallium	1.4 µg/L	SCA-0023-01, -02, -03	U
MB MP60641 10/10/2011	Copper	1.1 µg/L	SCA-0024-01, -02, -03	U
CCB MA27247 10/11/2011	Antimony Cadmium Lead Nickel Vanadium	1.9 µg/L 0.9 µg/L 1.1 µg/L 0.8 µg/L 0.7 µg/L	SCA-0024-01	U
CCB MA27253 10/11/2011	Thallium	0.5 µg/L	SCA-0024-02, -03	U
CCB MA27259 10/12/2011	Cadmium	0.3 µg/L	SCA-0024-02	U
CCB MA27259 10/12/2011	Nickel	0.6 µg/L	SCA-0024-02, -03	U
MB MP60666 10/11/2011	Zinc	3.3 µg/L	SCA-0026-01	U
CCB MA27259 10/12/2011	Arsenic Cadmium	1.2 µg/L 0.6 µg/L	SCA-0026-01, -03	U
CCB MA27259 10/12/2011	Nickel	0.6 µg/L	SCA-0026-01, -02, -03	U
CCB MA27259 10/12/2011	Selenium Cobalt Vanadium	1.8 µg/L 0.6 µg/L 0.7 µg/L	SCA-0026-01	U
CCB MA27253 10/11/2011	Chromium Copper Thallium	1.3 µg/L 1.1 µg/L 1.6 µg/L	SCA-0026-04	U
MB MP60484 9/29/2011	Copper	1.0 µg/L	SCA-0014-01, -02, -03, -04	U
MB MP60484 9/29/2011	Thallium	0.5 µg/L	SCA-0014-03	U
CCB MA27186 9/30/2011	Cadmium	0.5 µg/L	SCA-0014-01, -02	U
CCB MA27232 10/8/2011	Aluminum	13.7 µg/L	SCA-0019-01, -03	U

Table 24. Blank Excursions for Metal and Inorganic Analyses

Blank ID	Analyte	Detected Concentration	Affected Sample Results	Action
CCB MA27232 10/8/2011	Cadmium	0.9 µg/L	SCA-0019-01, -03	U
CCB MA27232 10/8/2011	Cobalt	0.9 µg/L	SCA-0019-01	U
CCB MA27232 10/8/2011	Nickel	1.0 µg/L	SCA-0019-01, -03	U
CCB MP60641 10/12/2011	Copper Thallium Cadmium Lead Nickel	1.1 µg/L 0.7 µg/L 0.9 µg/L 1.1 µg/L 0.8 µg/L	SCA-0025-01	U
MB GM56317	Phenol	0.056 mg/L	SCA-0015-01, -02 (FD), -03, -04	U
MB GP60422/GP60632	BOD	1.1/0.67 mg/L	SCA-0016-01, -02, -03 SCA-0017-02	U
MB GP60795	Phenol	0.056 mg/L	SCA-0016-01, -02, -03, -04, -05 SCA-0017 -01, -02	U
MB GP60871	Phenol	0.095 mg/L	SCA-0020-01, -02, -03 SCA-0018-01, -02, -03, -04 SCA-0021-01	U
CCB 10/4/2011	Total Cyanide	0.0049 mg/L	SCA-0020-02	U
CCB 10/5/2011	Nitrate- Nitrite, Nitrate	0.098 mg/L	SCA-0020-03 SCA-0021-02	U
CCB 9/27/2011	Hexavalent Chromium	0.0018 mg/L	SCA-0022-04	U
MB GP60918	Phenol	0.095 mg/L	SCA-0023-01, -02	U
MB GP60931	Nitrate- Nitrite, Nitrate	0.011 mg/L	SCA-0022-01, -03	U
MB GP60583	Hexavalent Chromium	0.0024 mg/L	SCA-0014-01, -02, -03, -04	U
MB GP60871	Phenol	0.095 mg/L	SCA-0019-01, -03	U
SCA-0019-02(EB)	Bicarbonate	8.0 mg/L	SCA-0014-03 SCA-0021-02	J
SCA-0019-02(EB)	Total Alkalinity	8.0 mg/L	SCA-0014-03 SCA-0017-01, -02 SCA-0018-01, -02 SCA-0021-02 SCA-0020-01, -02, -03	J
SCA-0022-06(EB)	High Resolution Mercury	0.86 mg/L	SCA-0022-01 SCA-0024-02	U
SCA-0022-06(EB)	High Resolution Mercury	0.86 mg/L	SCA-0022-02, -03, -04 SCA-0024-01 SCA-0025-01 SCA-0026-01	J
SCA-0022-06(EB)	High Resolution Mercury	0.86 mg/L	SCA-0023-02, -03 (FD) SCA-0024-03 SCA-0026-02, -03	R
CCB 12/23/11	Iron	19.8 µg/L	SCA-0028-05	U
MB 23345 12/13/11	Zinc	5.46 µg/L	SCA-0027-01, -02 SCA-0028-02, -03, -04, -06 SCA-0029-01, -02, -03, -04, -05	U
MB 23412 12/13/11	Antimony	2.02 µg/L	SCA-0031-03 SCA-0030-03, -04	U
CCB 12/23/11	Cadmium	0.15 µg/L	SCA-0032-01, -02, -03	U
MB 23814 12/16/11	Zinc	3.32 µg/L	SCA-0032-01, -02, -03, -05	U
MB 23814 12/16/11	Chromium	1.24 µg/L	SCA-0032-02, -03	U
CCB 12/30/11	Aluminum	34 µg/L	SCA-0030-03, -04	U
CCB 12/30/11	Cadmium	0.15 µg/L	SCA-0030-01, -02, -03, -04	U

Table 24. Blank Excursions for Metal and Inorganic Analyses

Blank ID	Analyte	Detected Concentration	Affected Sample Results	Action
CCB 12/30/11	Cobalt	0.46 µg/L	SCA-0030-01, -03	U
CCB 12/30/11	Iron	27.5 µg/L	SCA-0030-01, -03, -04	U
CCB 12/30/11	Manganese	1.21 µg/L	SCA-0030-01, -04	U
MB 23814 12/13/11	Zinc	3.32 µg/L	SCA-0033-01, -02, -03, -05, -06 (FD)	U
MB 23814 12/13/11	Chromium	1.24 µg/L	SCA-0033-04, -05	U
CCB 1/3/12	Antimony	1.42 µg/L	SCA-0034-01, -03	U
CCB 1/3/12	Beryllium	0.47 µg/L	SCA-0034-01	U
CCB 1/3/12	Cobalt	0.14 µg/L	SCA-0034-02, -03	U
MB 24360	Zinc	3.85 µg/L	SCA-0034-02, -03	U
SCA-0029-07 (EB)	Mercury	0.56 ng/L	SCA-0027-02 SCA-0028-04, -06 (FD) SCA-0029-01, -03	U
SCA-0029-07 (EB)	Mercury	0.56 ng/L	SCA-0027-01 SCA-0028-02, -03, -05 SCA-0029-02, -05	J
SCA-0029-07 (EB)	Manganese	0.56 µg/L	SCA-0027-01	U
SCA-0029-07 (EB)	Iron	620 µg/L	SCA-0027-01 SCA-0028-05 SCA0029-05	U
SCA-0029-07 (EB)	Iron	620 µg/L	SCA-0028-02	R
SCA-0029-07 (EB)	Iron	620 µg/L	SCA-0027-02, -04 SCA-0028-03, -04, -06 (FD) SCA-0029-01	J
SCA-0034-04 (EB)	Mercury	0.68 ng/L	SCA-0030-03 SCA-0032-02, -03, -04 SCA-0033-04, -05	U
SCA-0034-04 (EB)	Mercury	0.68 ng/L	SCA-0030-04 SCA-0031-01, -02, -03, -05, -06 SCA-0032-01, -05 SCA-0033-01, -02, -03, -06 (FD) SCA-0034-02, -03	J
SCA-0034-04 (EB)	Cadmium	0.18 µg/L	SCA-0031-01, -02, -03, -04, -05 SCA-0033-01, -02, -03, -06 (FD) SCA-0034-01	U
SCA-0034-04 (EB)	Chromium	0.73 µg/L	SCA-0031-02, -03, -06 SCA-0030-03, -04	U
SCA-0029-07(EB)	Sulfate	0.46 mg/L	SCA-0029-02, -03	U
SCA-0029-07(EB)	Ammonia	0.039 mg/L	SCA-0027-01	U
SCA-0029-07(EB)	COD	25 mg/L	SCA-0027-01	R
SCA-0029-07(EB)	COD	25 mg/L	SCA-0027-02 SCA-0028-02, -03, -04, -06 (FD) SCA-0029-01, -02, -05	J
SCA-0029-07(EB)	Total Cyanide	37 mg/L	SCA-0027-03	J
SCA-0029-07(EB)	Total Cyanide	37 mg/L	SCA-0029-03, -04	U
SCA-0034-04(EB)	Sulfate	0.51 mg/L	SCA-0030-01	U
SCA-0029-07(EB)	TDS	81 mg/L	SCA-0031-05, -06	J

TOC indicates total organic carbon
 BOD indicates Biochemical Oxygen Demand
 COD indicates Chemical Oxygen Demand
 MB indicates method blank
 CCB indicates continuing calibration blank
 EB indicates equipment blank

MS/MSD analysis

The results for target analytes in MS/MSD pairs were outside of the validation criterion for accuracy and precision. The samples qualified as approximate (UJ, J) for minor accuracy excursions or rejected (R) for major accuracy excursions are summarized in the following table:

Table 25. MS/MSD Excursions for Metal and Inorganic Analyses				
MS/MSD ID	Analyte	Excursions	Affected Sample Results	Action
SCA-0004-01	Bromide	68 %R	SCA-0001-01, -02, -03, -04 SCA-0002-01, -02, -03, -04 SCA-0003-01, -02, -03, -04, -05 (FD) SCA-0004-01, -04, -05, -06 SCA-0005-01, -02, -03	UJ, J
SCA-0004-01	Total Cyanide	55.2 %R	SCA-0002-01, -02, -03, -04 SCA-0003-01, -02, -03, -04, -05 (FD) SCA-0004-01, -04, -05, -06 SCA-0005-01, -02, -03	UJ, J
SCA-0004-01	Hexavalent Chromium	8 %R	SCA-0004-01, -04, -05, -06	R
SCA-0006-03	Total Cyanide	71 %R	SCA-0006-01, -02, -03, -06, -07 (FD) SCA-0007-01, -02	UJ, J
SCA-0006-03	Total Hardness	83.3 %R	SCA-0005-01, -02, -03 SCA-0006-01, -02, -03, -06, -07 (FD)	J
SCA-0006-03	Hexavalent Chromium	32 %R	SCA-0006-01, -02, -03, -06, -07 (FD)	UJ
SCA-0001-01	Total Cyanide	79.2 %R	SCA-0001-01, -02, -03, -04	UJ, J
SCA-0007-02	Hexavalent Chromium	26.0 %R	SCA-0007-01, -02	R
SCA-0008-01	COD	36 %R	SCA-0008-01, -04, -05, -06 SCA-0009-01, -02, -03, -04 SCA-0010-01, -02, -03, -04, -05, -07 (FD)	UJ, J
SCA-0008-01	Hexavalent Chromium	48 %R	SCA-0008-01, -04, -05, -06	UJ
SCA-0008-01	Total Cyanide	56 %R	SCA-0008-01, -04, -05, -06	UJ, J
SCA-0008-01	Phenol	72 %R	SCA-0008-01, -04, -05, -06 SCA-0009-01, -02, -03, -04	UJ, J
SCA-0009-04	Hexavalent Chromium	0 %R	SCA-0009-01, -02, -03, -04	R
SCA-0010-01	Bromide	144 %R	SCA-0010-02, -03, -04, -05	J
SCA-0010-05	Hexavalent Chromium	0 %R	SCA-0010-01, -02, -03, -04, -05, -07 (FD)	R
SCA-0010-01	Phenol	75 %R	SCA-0010-01, -02, -03, -04, -05, -07 (FD)	UJ, J
SCA-0011-01	Hexavalent Chromium	0 %R	SCA-0011-01, -02, -03, -04	R
SCA-0012-03	Total Cyanide	113 %R	SCA-0011-04	J
SCA-0012-03	Hexavalent Chromium	38 %R	SCA-0012-01, -02, -03, -04, -05	UJ
SCA-0013-01	Nitrate-Nitrite, Nitrate	112 %R	SCA-0013-02, -03, -04 (FD)	J
SCA-0008-01	TKN	94 RPD	SCA-0008-01, -04, -05, -06	J
SCA-0008-01	Zinc	127%R	SCA-0008-01, -05, -06 SCA-0009-01, -02 SCA-0010-01, -02, -07 (FD)	J
SCA-0014-04	Total Cyanide	79 %R	SCA-0014-01, -02, -03, -04 SCA-0016-01, -02, -03, -04, -05 SCA-0017-01, -02 SCA-0018-01, -02 SCA-0015-01, -02 (FD), -03, -04	UJ, J
SCA-0014-04	Chloride	136 %R	SCA-0014-01, -02, -03, -04	J
SCA-0015-03	Nitrate-Nitrite, Nitrate	118 %R	SCA-0024-03 SCA-0022-04 SCA-0023-01	J

Table 25. MS/MSD Excursions for Metal and Inorganic Analyses

MS/MSD ID	Analyte	Excursions	Affected Sample Results	Action
SCA-0024-03	Total Cyanide	64 %R	SCA-0020-01, -02, -03 SCA-0021-01, -02 SCA-0022-01, -02, -03, 04 SCA-0023-01, -02, -03 (FD) SCA-0024-01, -02, -03, -04 SCA-0026-01, -02, -03, -04 SCA-0025-01	UJ
SCA-0024-03	TKN	75 %R	SCA-0022-01, -02, -03, -04 SCA-0023-01, -02, -03 (FD) SCA-0024-01, -02, -03 SCA-0020-01, -02, -03 SCA-0021-01, -02 SCA-0025-01	UJ, J
SCA-0024-03	Hexavalent Chromium	0 %R	SCA-0024-01, -02, -03	R
SCA-0024-03	Hexavalent Chromium	0 %R	SCA-0025-01	J
SCA-0019-01	Total Cyanide	70 %R	SCA-0019-01, -03	UJ
SCA-0026-03	Hexavalent Chromium	0 %R	SCA-0026-01, -02, -03, -04	R
SCA-0019-03	Hexavalent Chromium	24 %R	SCA-0019-01, -03	R
SCA-0023-02	Hexavalent Chromium	7 %R	SCA-0022-01, -02, -03, -04 SCA-0023-01, -02, -03	R
SCA-0021-02	Hexavalent Chromium	44 %R	SCA-0020-01, -02, -03 SCA-0021-01, -02	UJ
SCA-0017-01	Nitrate-Nitrite, Nitrate	117 %R	SCA-0017-01, -02 SCA-0016-01, -02, -03, -04, -05	J
SCA-0020-01	Nitrate-Nitrite, Nitrate	120 %R	SCA-0021-01 SCA-0020-03 SCA-0019-01, -03	J
SCA-0021-01	Total Hardness	76 %R	SCA-0020-01, -02, -03 SCA-0021-01, -02	J
SCA-0018-04	COD	0 %R	SCA-0018-02, -03, -04 SCA-0019-01, -03	J
SCA-0018-04	COD	0 %R	SCA-0018-01	R
SCA-0027-04	Copper	126 %R	SCA-0027-02 SCA-0028-05 SCA-0029-02, -04	J
SCA-0027-01	Mercury	46 %R, 58 %R	SCA-0027-01	UJ, J
SCA-0029-01	Mercury	65 %R	SCA-0028-01, -02, -03, -04, -05, -06 (FD), -07 SCA-0029-01, -02, -03, -04, -05	UJ, J
SCA-0032-06	Iron	0 %R, 21 %R	SCA-0032-01, -02, -03, -04, -05, -06 SCA-0034-01, -02, -03 SCA-0033-01, -02, -03, -04, -05, -06 (FD)	J
SCA-0027-04	COD	86 %R, 87 %R	SCA-002701, -02, -03, -04 SCA-0028-01, -02, -03, -04, -05, -06 (FD), -07 SCA-0029-01, -02, -03, -04, -05 SCA-0030-01, -02, -03, -04	UJ, J
SCA-0007-04	Total Cyanide	23 %R, 0 %R	SCA-0027-01, -02, -04	R
SCA-0007-04	Total Cyanide	23 %R, 0 %R	SCA-0027-03	J
SCA-0029-01	Total Phenols	115 %R	SCA-0029-05	J
SCA-0032-06	COD	87 %R, 86 %R	SCA-0031-01, -02, -03, -04, -05, -06 SCA-0032-01, -02, -03, -04, -05, 06 SCA-0033-01, -02, -03, -04, -05, -06 (FD) SCA-0034-01, -02, -03	J
SCA-0032-06	Ammonia	79 %R	SCA-0032-01, -02, -03, -04, -05, -06 SCA-0033-01, -02, -03, -04, -05, -06 (FD) SCA-0034-01, -02, -03	UJ, J

Note:
 %R indicates percent recovery.
 BOD indicates Biochemical Oxygen Demand.
 COD indicates Chemical Oxygen Demand.
 TKN indicates Total Kjeldahl Nitrogen.

ICP serial dilution analysis

The results for serial dilution analyses were outside of the laboratory control limits. The samples qualified as approximate (J) for minor accuracy excursions are summarized in the following table:

Table 26. ICP Serial Dilution Excursions for Metal Analyses

Serial dilution ID	Analyte	Excursions	Affected Samples	Action
SCA-0001-01	Manganese	51 %D	SCA-0001-01, -02, -03, -04 SCA-0002-01, -02, -03, -04 SCA-0003-01, -02, -04, -05 (FD)	J
SCA-0004-01	Calcium	11 %D	SCA-0004-01, -04, -05, -06 SCA-0005-01, -02, -03	J
SCA-0006-03	Sodium	19.9 %D	SCA-0006-01, -02, -03, -06, -07 (FD) SCA-0007-01, -02	J
SCA-0008-01	Calcium Sodium	19 %D 11 %D	SCA-0008-01, -04, -05, -06 SCA-0009-01, -02, -03, -04 SCA-0010-01, -02, -03, -04, -05, -07 (FD)	J
SCA-0024-03	Potassium	12 %D	SCA-0025-01 SCA-0024-01, -02, -03 SCA-0026-01, -02, -03, -04	J
SCA-0014-01	Calcium	13 %D	SCA-0014-01, -02, -03, -04	J
SCA-0032-06	Aluminum	11 %D	SCA-0032-01, -02, -03, -04, -05, -06 SCA-0034-01, -02, -03 SCA-0033-01, -02, -03, -04, -05, -06 (FD)	J
SCA-0030-01	Sodium	11 %D	SCA-0030-01, -02, -03, -04 SCA-0031-01, -02, -03, -04, -05, -06	J

Note:
%D indicates percent difference

Field duplicate analysis

The results for inorganics in field duplicate pairs were outside of the validation criterion for field duplicate analysis. The samples qualified as approximate (UJ, J) for minor precision excursions are summarized in the following table:

Table 27. Field Duplicate Excursions for Inorganic Analyses

Field Duplicate ID	Analyte	Excursion	Affected Sample Result	Action
SCA-0003-05 (FD) [SCA-0003-04]	Total Alkalinity COD TKN	114 RPD 133 RPD 80 RPD	SCA-0001-01, -02, -03, -04 SCA-0002-01, -02, -03, -04 SCA-0003-01, -02, -03, -04, -05 (FD)	UJ, J
SCA-0013-04 (FD) [SCA-0013-03]	Total Hardness	52 RPD	SCA-0011-01, -02, -03, -04 SCA-0012-01, -02, -03, -04, -05 SCA-0013-01, -02, -03, -04 (FD)	J

Note:
RPD indicates relative percent difference
COD indicates chemical oxygen demand
TKN indicates total Kjeldahl nitrogen

Target analyte quantitation and QLs

Results for metals and inorganics with concentrations greater than the MDL but less than the QL were qualified as approximate (J or B) by the laboratory. The “J” or “B” qualifiers were retained during the validation process to indicate that these concentrations are approximate.

Dilutions were performed for metals and inorganic analyses due to high concentrations of target analytes and matrix interference.

Results for bromide qualified as approximate (J) for matrix interference identified during analysis are summarized in the following table:

Table 28. Bromide Matrix Interference Excursions

Sample ID	Action
SCA-0008-01, -04	J
SCA-0009-02, -03, -04	
SCA-0010-02, -03	
SCA-0011-01, -03, -04	
SCA-0012-01, -02, -03, -04, -05	
SCA-0013-01, -02	
SCA-0017-01	
SCA-0020-01, -02	
SCA-0021-01, -02	
SCA-0022-02, -03	
SCA-0026-02, -03	
SCA-0018-03	
SCA-0024-02	

Results for TDS qualified as approximate (J) for inconsistencies between initial and re-analysis due to elevated solids concentrations in the initial analysis are summarized in the following table:

Table 29. TDS Solid Excursions

Sample ID	Action
SCA-0009-04	J
SCA-0017-01	
SCA-0014-03	

Results for BOD qualified as approximate (J) for analysis excursions are summarized in the following table:

Table 30. BOD Solid Excursions

Sample ID	Action
SCA-0016-04, -05	J
SCA-0017-01	
SCA-0034-01, -02, -03	

3. SUMMARY AND DATA USABILITY

This section summarizes the analytical data in terms of its completeness and usability. Data completeness is defined as the percentage of sample results that have been identified as usable during the data validation process.

The samples collected as part of the SCA Hydrogeologic Investigation were evaluated based on QA/QC criteria established by the QAPP and the methods listed in Section 1.2. Data validation qualifiers were applied utilizing the USEPA data validation guidance as listed in Section 1.2. Major deficiencies in the data generation process resulted in results being rejected, indicating that the data is considered unusable for either quantitative or qualitative purposes. Minor deficiencies in the data generation process resulted in sample data being characterized as approximate or non-detected. Identification of a data point as approximate indicates uncertainty in the reported concentration of the chemical, but not its assigned identity.

Rejected data

The following table summarizes the sample results that were rejected as a result of the data validation process that was performed on the data, based on method criteria, USEPA validation guidance, and professional judgment.

Table 31. Summary of Rejected Sample Results

Target type and analyte	Sample Identification	Qualifier	Excursion
SVOC - p-Phenylenediamine	SCA-0005-01, -02, -03, -04 (EB) SCA-0006-01, -02, -03, -06, -07 (FD)	R	Major accuracy (LCS) excursion
Hexavalent Chromium	SCA-0027-01, -02, -03, -04	R	Major representativeness (holding time) excursion
SVOC - 3,3-Dimethyl benzidine	SCA-0014-01, -02, -03, -04 SCA-0019-01, -02 (EB), -03 SCA-0023-01, -02, -03 (FD) SCA-0021-01, -02 SCA-0016-01, -02, -03, -04, -05 SCA-0025-01	R	Major accuracy (LCS and calibration) excursion
SVOC - 3-Methyl chloranthrene	SCA-0014-01, -02, -03, -04 SCA-0019-01, -02 (EB), -03 SCA-0023-01, -02, -03 (FD) SCA-0021-01, -02 SCA-0016-01, -02, -03, -04, -05 SCA-0025-01	R	Major accuracy (LCS) excursion
SVOC -p-Phenylenediamine	SCA-0014-01, -02, -03, -04 SCA-0019-01, -02 (EB), -03 SCA-0016-01, -02, -03, -04, -05 SCA-0025-01	R	Major accuracy (LCS) excursion
SVOC- Methapyriline	SCA-0016-01, -02, -03, -04, -05	R	Major accuracy (LCS) excursion
TKN	SCA-0010-01, -07 (FD) SCA-0008-06	R	Major representativeness (blank) excursion
TOC	SCA-0009-04 SCA-0010-04 SCA-0008-04, -06	R	Major representativeness (blank) excursion
High Resolution Mercury	SCA-0023-02, -03 (FD) SCA-0024-03 SCA-0026-02, -03	R	Major representativeness (blank) excursion
Hexavalent Chromium	SCA-0004-01, -04, -05, -06 SCA-0007-01, -02 SCA-0009-01, -02, -03, -04 SCA-0010-01, -02, -03, -04, -05, -07 (FD) SCA-0011-01, -02, -03, -04 SCA-0024-01, -02, -03 SCA-0026-01, -02, -03, -04 SCA-0019-01, -03 SCA-0022-01, -02, -03, -04 SCA-0023-01, -02, -03	R	Major accuracy (MS/MSD) excursion

Table 31. Summary of Rejected Sample Results

Target type and analyte	Sample Identification	Qualifier	Excursion
COD	SCA-0018-01	R	Major accuracy (MS/MSD) excursion
Iron	SCA-0028-02	R	Major representativeness (blank) excursion
COD	SCA-0027-01	R	Major representativeness (blank) excursion
Total Cyanide	SCA-0027-01, -02, -04	R	Major accuracy (MS/MSD) excursion

Note:
SVOC indicates semivolatile organic compound.

A discussion of the overall data quality for the complete data set with regard to the quality parameters follows:

Precision: Data usability with respect to precision is 100%.

Sensitivity: Sensitivity is established by QLs, which represent measurable concentrations of analytes that can be quantified with a designated level of confidence and are less than the project action limits established for the project. Dilutions were performed in sample preparation, which elevated QLs reported for target analytes for this project.

Accuracy: Data usability with respect to accuracy is greater than 95%

Representativeness: Data usability with respect to representativeness is 100%.

Comparability: Comparability is not compromised provided that the analytical methods did not change over time. A major component of comparability is the use of standard reference materials for calibration and QC. These standards are compared to other unknowns to verify their concentrations. Since standard analytical methods and reporting procedures were consistently used by the laboratory, the comparability criteria for the analytical data were met.

Completeness: Overall, considering the complete data set, greater than 95% of the data were usable for quantitative and quantitative purposes based on the data validation performed.

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Appendices

*Appendix A -
Sample Cross Reference List*

APPENDIX A - Sample cross reference list

Laboratory	Date Collected	Laboratory ID	Client ID	Matrix	Analysis Requested
Accutest	3/10/2011	JA70208-1	SCA-0001-01	Groundwater	VOCs, SVOCs, Pesticides, Herbicides, Isobutyl Alcohol, Metals, Alkalinity, BOD, Bromide, COD, Chloride, Cr+6, CN, Hardness, Ammonia, Nitrate, Nitrite, TKN, Phenols, TDS, Sulfate, TOC
Accutest	3/10/2011	JA70208-2	SCA-0001-02	Groundwater	VOCs, SVOCs, Pesticides, Herbicides, Isobutyl Alcohol, Metals, Alkalinity, BOD, Bromide, COD, Chloride, Cr+6, CN, Hardness, Ammonia, Nitrate, Nitrite, TKN, Phenols, TDS, Sulfate, TOC
Accutest	3/10/2011	JA70208-3	SCA-0001-03	Groundwater	VOCs, SVOCs, Pesticides, Herbicides, Isobutyl Alcohol, Metals, Alkalinity, BOD, Bromide, COD, Chloride, Cr+6, CN, Hardness, Ammonia, Nitrate, Nitrite, TKN, Phenols, TDS, Sulfate, TOC
Accutest	3/10/2011	JA70208-4	SCA-0001-04	Groundwater	VOCs, SVOCs, Pesticides, Herbicides, Isobutyl Alcohol, Metals, Alkalinity, BOD, Bromide, COD, Chloride, Cr+6, CN, Hardness, Ammonia, Nitrate, Nitrite, TKN, Phenols, TDS, Sulfate, TOC
Accutest	3/10/2011	JA07208-5	SCA-0001-05 (TB)	Aqueous	VOCs
Accutest	3/11/2011	JA70354-1	SCA-0002-01	Groundwater	VOCs, SVOCs, Pesticides, Herbicides, Isobutyl Alcohol, Metals, Alkalinity, BOD, Bromide, COD, Chloride, Cr+6, CN, Hardness, Ammonia, Nitrate, Nitrite, TKN, Phenols, TDS, Sulfate, TOC
Accutest	3/11/2011	JA70354-2	SCA-0002-02	Groundwater	VOCs, SVOCs, Pesticides, Herbicides, Isobutyl Alcohol, Metals, Alkalinity, BOD, Bromide, COD, Chloride, Cr+6, CN, Hardness, Ammonia, Nitrate, Nitrite, TKN, Phenols, TDS, Sulfate, TOC
Accutest	3/11/2011	JA70354-3	SCA-0002-03	Groundwater	VOCs, SVOCs, Pesticides, Herbicides, Isobutyl Alcohol, Metals, Alkalinity, BOD, Bromide, COD, Chloride, Cr+6, CN, Hardness, Ammonia, Nitrate, Nitrite, TKN, Phenols, TDS, Sulfate, TOC
Accutest	3/11/2011	JA70354-4	SCA-0002-04	Groundwater	VOCs, SVOCs, Pesticides, Herbicides, Isobutyl Alcohol, Metals, Alkalinity, BOD, Bromide, COD, Chloride, Cr+6, CN, Hardness, Ammonia, Nitrate, Nitrite, TKN, Phenols, TDS, Sulfate, TOC
Accutest	3/11/2011	JA70354-5	SCA-0002-05 (TB)	Aqueous	VOCs
Accutest	3/11/2011	JA70354-6	SCA-0002-06 (EB)	Aqueous	VOCs, SVOCs, Pesticides, Herbicides, Isobutyl Alcohol, Metals, Alkalinity, BOD, Bromide, COD, Chloride, Cr+6, CN, Hardness, Ammonia, Nitrate, Nitrite, TKN, Phenols, TDS, Sulfate, TOC
Accutest	3/14/2011	JA70458-1	SCA-0003-01	Groundwater	VOCs, SVOCs, Pesticides, Herbicides, Isobutyl Alcohol, Metals, Alkalinity, BOD, Bromide, COD, Chloride, Cr+6, CN, Hardness, Ammonia, Nitrate, Nitrite, TKN, Phenols, TDS, Sulfate, TOC
Accutest	3/14/2011	JA70458-2	SCA-0003-02	Groundwater	VOCs, SVOCs, Pesticides, Herbicides, Isobutyl Alcohol, Metals, Alkalinity, BOD, Bromide, COD, Chloride, Cr+6, CN, Hardness, Ammonia, Nitrate, Nitrite, TKN, Phenols, TDS, Sulfate, TOC
Accutest	3/14/2011	JA70458-3	SCA-0003-03	Groundwater	VOCs, SVOCs, Pesticides, Herbicides, Isobutyl Alcohol, Metals, Alkalinity, BOD, Bromide, COD, Chloride, Cr+6, CN, Hardness, Ammonia, Nitrate, Nitrite, TKN, Phenols, TDS, Sulfate, TOC
Accutest	3/14/2011	JA70458-4	SCA-0003-04	Groundwater	VOCs, SVOCs, Pesticides, Herbicides, Isobutyl Alcohol, Metals, Alkalinity, BOD, Bromide, COD, Chloride, Cr+6, CN, Hardness, Ammonia, Nitrate, Nitrite, TKN, Phenols, TDS, Sulfate, TOC
Accutest	3/14/2011	JA70458-5	SCA-0003-05 (FD) [SCA-0003-04]	Groundwater	VOCs, SVOCs, Pesticides, Herbicides, Isobutyl Alcohol, Metals, Alkalinity, BOD, Bromide, COD, Chloride, Cr+6, CN, Hardness, Ammonia, Nitrate, Nitrite, TKN, Phenols, TDS, Sulfate, TOC
Accutest	3/14/2011	JA70458-6	SCA-0003-06 (TB)	Aqueous	VOCs
Accutest	3/15/2011	JA70555-1	SCA-0004-01, MS/MSD	Groundwater	VOCs, SVOCs, Pesticides, Herbicides, Isobutyl Alcohol, Metals, Alkalinity, BOD, Bromide, COD, Chloride, Cr+6, CN, Hardness, Ammonia, Nitrate, Nitrite, TKN, Phenols, TDS, Sulfate, TOC

APPENDIX A - Sample cross reference list

Laboratory	Date Collected	Laboratory ID	Client ID	Matrix	Analysis Requested
Accutest	3/15/2011	JA70555-2	SCA-0004-04	Groundwater	VOCs, SVOCs, Pesticides, Herbicides, Isobutyl Alcohol, Metals, Alkalinity, BOD, Bromide, COD, Chloride, Cr+6, CN, Hardness, Ammonia, Nitrate, Nitrite, TKN, Phenols, TDS, Sulfate, TOC
Accutest	3/15/2011	JA70555-3	SCA-0004-05	Groundwater	VOCs, SVOCs, Pesticides, Herbicides, Isobutyl Alcohol, Metals, Alkalinity, BOD, Bromide, COD, Chloride, Cr+6, CN, Hardness, Ammonia, Nitrate, Nitrite, TKN, Phenols, TDS, Sulfate, TOC
Accutest	3/15/2011	JA70555-4	SCA-0004-06	Groundwater	VOCs, SVOCs, Pesticides, Herbicides, Isobutyl Alcohol, Metals, Alkalinity, BOD, Bromide, COD, Chloride, Cr+6, CN, Hardness, Ammonia, Nitrate, Nitrite, TKN, Phenols, TDS, Sulfate, TOC
Accutest	3/15/2011	JA70555-5	SCA-0004-07(TB)	Aqueous	VOCs
Accutest	3/16/2011	JA70686-1	SCA-0005-01	Groundwater	VOCs, SVOCs, Pesticides, Herbicides, Isobutyl Alcohol, Metals, Alkalinity, BOD, Bromide, COD, Chloride, Cr+6, CN, Hardness, Ammonia, Nitrate, Nitrite, TKN, Phenols, TDS, Sulfate, TOC
Accutest	3/16/2011	JA70686-2	SCA-0005-02	Groundwater	VOCs, SVOCs, Pesticides, Herbicides, Isobutyl Alcohol, Metals, Alkalinity, BOD, Bromide, COD, Chloride, Cr+6, CN, Hardness, Ammonia, Nitrate, Nitrite, TKN, Phenols, TDS, Sulfate, TOC
Accutest	3/16/2011	JA70686-3	SCA-0005-03	Groundwater	VOCs, SVOCs, Pesticides, Herbicides, Isobutyl Alcohol, Metals, Alkalinity, BOD, Bromide, COD, Chloride, Cr+6, CN, Hardness, Ammonia, Nitrate, Nitrite, TKN, Phenols, TDS, Sulfate, TOC
Accutest	3/16/2011	JA70686-4	SCA-0005-04(EB)	Aqueous	VOCs, SVOCs, Pesticides, Herbicides, Isobutyl Alcohol, Metals, Alkalinity, BOD, Bromide, COD, Chloride, Cr+6, CN, Hardness, Ammonia, Nitrate, Nitrite, TKN, Phenols, TDS, Sulfate, TOC
Accutest	3/16/2011	JA70686-5	SCA-0005-05(TB)	Aqueous	VOCs
Accutest	3/17/2011	JA70812-1	SCA-0006-01	Groundwater	VOCs, SVOCs, Pesticides, Herbicides, Isobutyl Alcohol, Metals, Alkalinity, BOD, Bromide, COD, Chloride, Cr+6, CN, Hardness, Ammonia, Nitrate, Nitrite, TKN, Phenols, TDS, Sulfate, TOC
Accutest	3/17/2011	JA70812-2	SCA-0006-02	Groundwater	VOCs, SVOCs, Pesticides, Herbicides, Isobutyl Alcohol, Metals, Alkalinity, BOD, Bromide, COD, Chloride, Cr+6, CN, Hardness, Ammonia, Nitrate, Nitrite, TKN, Phenols, TDS, Sulfate, TOC
Accutest	3/17/2011	JA70812-3	SCA-0006-03, MS/MSD	Groundwater	VOCs, SVOCs, Pesticides, Herbicides, Isobutyl Alcohol, Metals, Alkalinity, BOD, Bromide, COD, Chloride, Cr+6, CN, Hardness, Ammonia, Nitrate, Nitrite, TKN, Phenols, TDS, Sulfate, TOC
Accutest	3/17/2011	JA70812-4	SCA-0006-06	Groundwater	VOCs, SVOCs, Pesticides, Herbicides, Isobutyl Alcohol, Metals, Alkalinity, BOD, Bromide, COD, Chloride, Cr+6, CN, Hardness, Ammonia, Nitrate, Nitrite, TKN, Phenols, TDS, Sulfate, TOC
Accutest	3/17/2011	JA70812-5	SCA-0006-07 (FD) [SCA-0006-06]	Groundwater	VOCs, SVOCs, Pesticides, Herbicides, Isobutyl Alcohol, Metals, Alkalinity, BOD, Bromide, COD, Chloride, Cr+6, CN, Hardness, Ammonia, Nitrate, Nitrite, TKN, Phenols, TDS, Sulfate, TOC
Accutest	3/17/2011	JA70812-6	SCA-0006-08 (TB)	Aqueous	VOCs
Accutest	3/25/2011	JA71557-1	SCA-0007-01	Groundwater	VOCs, SVOCs, Pesticides, Herbicides, Isobutyl Alcohol, Metals, Alkalinity, BOD, Bromide, COD, Chloride, Cr+6, CN, Hardness, Ammonia, Nitrate, Nitrite, TKN, Phenols, TDS, Sulfate, TOC
Accutest	3/25/2011	JA71557-2	SCA-0007-02	Groundwater	VOCs, SVOCs, Pesticides, Herbicides, Isobutyl Alcohol, Metals, Alkalinity, BOD, Bromide, COD, Chloride, Cr+6, CN, Hardness, Ammonia, Nitrate, Nitrite, TKN, Phenols, TDS, Sulfate, TOC
Accutest	3/25/2011	JA71557-3	SCA-0007-03 (EB)	Aqueous	VOCs, SVOCs, Pesticides, Herbicides, Isobutyl Alcohol, Metals, Alkalinity, BOD, Bromide, COD, Chloride, Cr+6, CN, Hardness, Ammonia, Nitrate, Nitrite, TKN, Phenols, TDS, Sulfate, TOC

APPENDIX A - Sample cross reference list

Laboratory	Date Collected	Laboratory ID	Client ID	Matrix	Analysis Requested
Accutest	3/25/2011	JA71557-4	SCA-0007-04 (TB)	Aqueous	VOCs
Accutest	6/22/2011	JA79185-1	SCA-0008-01, MS/MSD	Groundwater	VOCs, Metals, Alkalinity, BOD, Bromide, COD, Chloride, Cr+6, CN, Hardness, Ammonia, Nitrate, Nitrite, TKN, Phenols, TDS, Sulfate, TOC
Accutest	6/22/2011	JA79185-2	SCA-0008-04	Groundwater	VOCs, Metals, Alkalinity, BOD, Bromide, COD, Chloride, Cr+6, CN, Hardness, Ammonia, Nitrate, Nitrite, TKN, Phenols, TDS, Sulfate, TOC
Accutest	6/22/2011	JA79185-3	SCA-0008-05	Groundwater	VOCs, Metals, Alkalinity, BOD, Bromide, COD, Chloride, Cr+6, CN, Hardness, Ammonia, Nitrate, Nitrite, TKN, Phenols, TDS, Sulfate, TOC
Accutest	6/22/2011	JA79185-4	SCA-0008-06	Groundwater	VOCs, Metals, Alkalinity, BOD, Bromide, COD, Chloride, Cr+6, CN, Hardness, Ammonia, Nitrate, Nitrite, TKN, Phenols, TDS, Sulfate, TOC
Accutest	6/22/2011	JA79185-5	SCA-0008-07 (TB)	Aqueous	VOCs
Accutest	6/23/2011	JA79320-1	SCA-0009-01	Groundwater	VOCs, Metals, Alkalinity, BOD, Bromide, COD, Chloride, Cr+6, CN, Hardness, Ammonia, Nitrate, Nitrite, TKN, Phenols, TDS, Sulfate, TOC
Accutest	6/23/2011	JA79320-2	SCA-0009-02	Groundwater	VOCs, Metals, Alkalinity, BOD, Bromide, COD, Chloride, Cr+6, CN, Hardness, Ammonia, Nitrate, Nitrite, TKN, Phenols, TDS, Sulfate, TOC
Accutest	6/23/2011	JA79320-3	SCA-0009-03	Groundwater	VOCs, Metals, Alkalinity, BOD, Bromide, COD, Chloride, Cr+6, CN, Hardness, Ammonia, Nitrate, Nitrite, TKN, Phenols, TDS, Sulfate, TOC
Accutest	6/23/2011	JA79320-4	SCA-0009-04	Groundwater	VOCs, Metals, Alkalinity, BOD, Bromide, COD, Chloride, Cr+6, CN, Hardness, Ammonia, Nitrate, Nitrite, TKN, Phenols, TDS, Sulfate, TOC
Accutest	6/23/2011	JA79320-5	SCA-0009-05 (TB)	Aqueous	VOCs
Accutest	6/23/2011	JA79320-6	SCA-0009-06 (EB)	Aqueous	VOCs, Metals, Alkalinity, BOD, Bromide, COD, Chloride, Cr+6, CN, Hardness, Ammonia, Nitrate, Nitrite, TKN, Phenols, TDS, Sulfate, TOC
Accutest	6/24/2011	JA79413-1	SCA-0010-01	Groundwater	VOCs, Metals, Alkalinity, BOD, Bromide, COD, Chloride, Cr+6, CN, Hardness, Ammonia, Nitrate, Nitrite, TKN, Phenols, TDS, Sulfate, TOC
Accutest	6/24/2011	JA79413-2	SCA-0010-02	Groundwater	VOCs, Metals, Alkalinity, BOD, Bromide, COD, Chloride, Cr+6, CN, Hardness, Ammonia, Nitrate, Nitrite, TKN, Phenols, TDS, Sulfate, TOC
Accutest	6/24/2011	JA79413-3	SCA-0010-03	Groundwater	VOCs, Metals, Alkalinity, BOD, Bromide, COD, Chloride, Cr+6, CN, Hardness, Ammonia, Nitrate, Nitrite, TKN, Phenols, TDS, Sulfate, TOC
Accutest	6/24/2011	JA79413-4	SCA-0010-04	Groundwater	VOCs, Metals, Alkalinity, BOD, Bromide, COD, Chloride, Cr+6, CN, Hardness, Ammonia, Nitrate, Nitrite, TKN, Phenols, TDS, Sulfate, TOC
Accutest	6/24/2011	JA79413-5	SCA-0010-05	Groundwater	VOCs, Metals, Alkalinity, BOD, Bromide, COD, Chloride, Cr+6, CN, Hardness, Ammonia, Nitrate, Nitrite, TKN, Phenols, TDS, Sulfate, TOC
Accutest	6/24/2011	JA79413-6	SCA-0010-06 (TB)	Aqueous	VOCs
Accutest	6/24/2011	JA79413-7	SCA-0010-07 (FD) [SCA-0010-01]	Groundwater	VOCs, Metals, Alkalinity, BOD, Bromide, COD, Chloride, Cr+6, CN, Hardness, Ammonia, Nitrate, Nitrite, TKN, Phenols, TDS, Sulfate, TOC
Accutest	6/27/2011	JA79518-1	SCA-0011-01	Groundwater	VOCs, Metals, Alkalinity, BOD, Bromide, COD, Chloride, Cr+6, CN, Hardness, Ammonia, Nitrate, Nitrite, TKN, Phenols, TDS, Sulfate, TOC
Accutest	6/27/2011	JA79518-2	SCA-0011-02	Groundwater	VOCs, Metals, Alkalinity, BOD, Bromide, COD, Chloride, Cr+6, CN, Hardness, Ammonia, Nitrate, Nitrite, TKN, Phenols, TDS, Sulfate, TOC
Accutest	6/27/2011	JA79518-3	SCA-0011-03	Groundwater	VOCs, Metals, Alkalinity, BOD, Bromide, COD, Chloride, Cr+6, CN, Hardness, Ammonia, Nitrate, Nitrite, TKN, Phenols, TDS, Sulfate, TOC
Accutest	6/27/2011	JA79518-4	SCA-0011-04	Groundwater	VOCs, Metals, Alkalinity, BOD, Bromide, COD, Chloride, Cr+6, CN, Hardness, Ammonia, Nitrate, Nitrite, TKN, Phenols, TDS, Sulfate, TOC
Accutest	6/27/2011	JA79518-5	SCA-0011-05 (TB)	Aqueous	VOCs
Accutest	6/28/2011	JA79654-1	SCA-0012-01	Groundwater	VOCs, Metals, Alkalinity, BOD, Bromide, COD, Chloride, Cr+6, CN, Hardness, Ammonia, Nitrate, Nitrite, TKN, Phenols, TDS, Sulfate, TOC
Accutest	6/28/2011	JA79654-2	SCA-0012-02	Groundwater	VOCs, Metals, Alkalinity, BOD, Bromide, COD, Chloride, Cr+6, CN, Hardness, Ammonia, Nitrate, Nitrite, TKN, Phenols, TDS, Sulfate, TOC

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Laboratory	Date Collected	Laboratory ID	Client ID	Matrix	Analysis Requested
Accutest	6/28/2011	JA79654-3	SCA-0012-03, MS/MSD	Groundwater	VOCs, Metals, Alkalinity, BOD, Bromide, COD, Chloride, Cr+6, CN, Hardness, Ammonia, Nitrate, Nitrite, TKN, Phenols, TDS, Sulfate, TOC
Accutest	6/28/2011	JA79654-4	SCA-0012-04	Groundwater	VOCs, Metals, Alkalinity, BOD, Bromide, COD, Chloride, Cr+6, CN, Hardness, Ammonia, Nitrate, Nitrite, TKN, Phenols, TDS, Sulfate, TOC
Accutest	6/28/2011	JA79654-5	SCA-0012-05	Groundwater	VOCs, Metals, Alkalinity, BOD, Bromide, COD, Chloride, Cr+6, CN, Hardness, Ammonia, Nitrate, Nitrite, TKN, Phenols, TDS, Sulfate, TOC
Accutest	6/28/2011	JA79654-6	SCA-0012-06 (TB)	Aqueous	VOCs
Accutest	6/29/2011	JA79753-1	SCA-0013-01	Groundwater	VOCs, Metals, Alkalinity, BOD, Bromide, COD, Chloride, Cr+6, CN, Hardness, Ammonia, Nitrate, Nitrite, TKN, Phenols, TDS, Sulfate, TOC
Accutest	6/29/2011	JA79753-2	SCA-0013-02	Groundwater	VOCs, Metals, Alkalinity, BOD, Bromide, COD, Chloride, Cr+6, CN, Hardness, Ammonia, Nitrate, Nitrite, TKN, Phenols, TDS, Sulfate, TOC
Accutest	6/29/2011	JA79753-3	SCA-0013-03	Groundwater	VOCs, Metals, Alkalinity, BOD, Bromide, COD, Chloride, Cr+6, CN, Hardness, Ammonia, Nitrate, Nitrite, TKN, Phenols, TDS, Sulfate, TOC
Accutest	6/29/2011	JA79753-4	SCA-0013-04 (FD) [SCA-0013-03]	Groundwater	VOCs, Metals, Alkalinity, BOD, Bromide, COD, Chloride, Cr+6, CN, Hardness, Ammonia, Nitrate, Nitrite, TKN, Phenols, TDS, Sulfate, TOC
Accutest	6/29/2011	JA79753-5	SCA-0013-05 (EB)	Aqueous	VOCs, Metals, Alkalinity, BOD, Bromide, COD, Chloride, Cr+6, CN, Hardness, Ammonia, Nitrate, Nitrite, TKN, Phenols, TDS, Sulfate, TOC
Accutest	6/29/2011	JA79753-6	SCA-0013-06 (TB)	Aqueous	VOCs
Accutest	9/19/2011	JA86584-1	SCA-0014-01	Groundwater	VOCs, SVOCs, Pesticides, Herbicides, Isobutyl Alcohol, Metals, Alkalinity, BOD, Bromide, COD, Chloride, Cr+6, CN, Hardness, Ammonia, Nitrate, Nitrite, TKN, Phenols, TDS, Sulfate, TOC
Accutest	9/19/2011	JA86584-2	SCA-0014-02	Groundwater	VOCs, SVOCs, Pesticides, Herbicides, Isobutyl Alcohol, Metals, Alkalinity, BOD, Bromide, COD, Chloride, Cr+6, CN, Hardness, Ammonia, Nitrate, Nitrite, TKN, Phenols, TDS, Sulfate, TOC
Accutest	9/19/2011	JA86584-3	SCA-0014-03	Groundwater	VOCs, SVOCs, Pesticides, Herbicides, Isobutyl Alcohol, Metals, Alkalinity, BOD, Bromide, COD, Chloride, Cr+6, CN, Hardness, Ammonia, Nitrate, Nitrite, TKN, Phenols, TDS, Sulfate, TOC
Accutest	9/19/2011	JA86584-4	SCA-0014-04, MS/MSD	Groundwater	VOCs, SVOCs, Pesticides, Herbicides, Isobutyl Alcohol, Metals, Alkalinity, BOD, Bromide, COD, Chloride, Cr+6, CN, Hardness, Ammonia, Nitrate, Nitrite, TKN, Phenols, TDS, Sulfate, TOC
Accutest	9/19/2011	JA86584-5	SCA-0014-07 (TB)	Aqueous	VOCs
Accutest	9/20/2011	JA86711-1	SCA-0015-01	Groundwater	VOCs, Metals, Alkalinity, BOD, Bromide, COD, Chloride, Cr+6, CN, Hardness, Ammonia, Nitrate, Nitrite, TKN, Phenols, TDS, Sulfate, TOC
Accutest	9/20/2011	JA86711-2	SCA-0015-02 (FD) [SCA-0015-01]	Groundwater	VOCs, Metals, Alkalinity, BOD, Bromide, COD, Chloride, Cr+6, CN, Hardness, Ammonia, Nitrate, Nitrite, TKN, Phenols, TDS, Sulfate, TOC
Accutest	9/20/2011	JA86711-3	SCA-0015-03	Groundwater	VOCs, Metals, Alkalinity, BOD, Bromide, COD, Chloride, Cr+6, CN, Hardness, Ammonia, Nitrate, Nitrite, TKN, Phenols, TDS, Sulfate, TOC
Accutest	9/20/2011	JA86711-4	SCA-0015-04	Groundwater	VOCs, Metals, Alkalinity, BOD, Bromide, COD, Chloride, Cr+6, CN, Hardness, Ammonia, Nitrate, Nitrite, TKN, Phenols, TDS, Sulfate, TOC
Accutest	9/20/2011	JA86711-5	SCA-0015-05 (TB)	Aqueous	VOCs
Accutest	9/21/2011	JA86856-1	SCA-0016-01	Groundwater	VOCs, SVOCs, Pesticides, Herbicides, Isobutyl Alcohol, Metals, Alkalinity, BOD, Bromide, COD, Chloride, Cr+6, CN, Hardness, Ammonia, Nitrate, Nitrite, TKN, Phenols, TDS, Sulfate, TOC
Accutest	9/21/2011	JA86856-1	SCA-0016-02	Groundwater	VOCs, SVOCs, Pesticides, Herbicides, Isobutyl Alcohol, Metals, Alkalinity, BOD, Bromide, COD, Chloride, Cr+6, CN, Hardness, Ammonia, Nitrate, Nitrite, TKN, Phenols, TDS, Sulfate, TOC

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Laboratory	Date Collected	Laboratory ID	Client ID	Matrix	Analysis Requested
Accutest	9/21/2011	JA86856-1	SCA-0016-03	Groundwater	VOCs, SVOCs, Pesticides, Herbicides, Isobutyl Alcohol, Metals, Alkalinity, BOD, Bromide, COD, Chloride, Cr+6, CN, Hardness, Ammonia, Nitrate, Nitrite, TKN, Phenols, TDS, Sulfate, TOC
Accutest	9/21/2011	JA86856-1	SCA-0016-04	Groundwater	VOCs, SVOCs, Pesticides, Herbicides, Isobutyl Alcohol, Metals, Alkalinity, BOD, Bromide, COD, Chloride, Cr+6, CN, Hardness, Ammonia, Nitrate, Nitrite, TKN, Phenols, TDS, Sulfate, TOC
Accutest	9/21/2011	JA86856-1	SCA-0016-05	Groundwater	VOCs, SVOCs, Pesticides, Herbicides, Isobutyl Alcohol, Metals, Alkalinity, BOD, Bromide, COD, Chloride, Cr+6, CN, Hardness, Ammonia, Nitrate, Nitrite, TKN, Phenols, TDS, Sulfate, TOC
Accutest	9/21/2011	JA86856-1	SCA-0016-06 (TB)	Aqueous	VOCs
Accutest	9/21/2011	JA86855-1	SCA-0017-01	Groundwater	VOCs, Metals, Alkalinity, BOD, Bromide, COD, Chloride, Cr+6, CN, Hardness, Ammonia, Nitrate, Nitrite, TKN, Phenols, TDS, Sulfate, TOC
Accutest	9/21/2011	JA86855-2	SCA-0017-02	Groundwater	VOCs, Metals, Alkalinity, BOD, Bromide, COD, Chloride, Cr+6, CN, Hardness, Ammonia, Nitrate, Nitrite, TKN, Phenols, TDS, Sulfate, TOC
Accutest	9/21/2011	JA86855-3	SCA-0017-03 (TB)	Aqueous	VOCs
Accutest	9/22/2011	JA86979-1	SCA-0018-01	Groundwater	VOCs, Metals, Alkalinity, BOD, Bromide, COD, Chloride, Cr+6, CN, Hardness, Ammonia, Nitrate, Nitrite, TKN, Phenols, TDS, Sulfate, TOC
Accutest	9/22/2011	JA86979-2	SCA-0018-02	Groundwater	VOCs, Metals, Alkalinity, BOD, Bromide, COD, Chloride, Cr+6, CN, Hardness, Ammonia, Nitrate, Nitrite, TKN, Phenols, TDS, Sulfate, TOC
Accutest	9/22/2011	JA86979-3	SCA-0018-03	Groundwater	VOCs, Metals, Alkalinity, BOD, Bromide, COD, Chloride, Cr+6, CN, Hardness, Ammonia, Nitrate, Nitrite, TKN, Phenols, TDS, Sulfate, TOC
Accutest	9/22/2011	JA86979-4	SCA-0018-04	Groundwater	VOCs, Metals, Alkalinity, BOD, Bromide, COD, Chloride, Cr+6, CN, Hardness, Ammonia, Nitrate, Nitrite, TKN, Phenols, TDS, Sulfate, TOC
Accutest	9/22/2011	JA86979-5	SCA-0018-05 (TB)	Aqueous	VOCs
Accutest	9/22/2011	JA86978-1	SCA-0019-01	Groundwater	VOCs, SVOCs, Pesticides, Herbicides, Isobutyl Alcohol, Metals, Alkalinity, BOD, Bromide, COD, Chloride, Cr+6, CN, Hardness, Ammonia, Nitrate, Nitrite, TKN, Phenols, TDS, Sulfate, TOC
Accutest	9/22/2011	JA86978-2	SCA-0019-02 (EB)	Aqueous	VOCs, SVOCs, Pesticides, Herbicides, Isobutyl Alcohol, Metals, Alkalinity, BOD, Bromide, COD, Chloride, Cr+6, CN, Hardness, Ammonia, Nitrate, Nitrite, TKN, Phenols, TDS, Sulfate, TOC
Accutest	9/22/2011	JA86978-3	SCA-0019-03	Groundwater	VOCs, SVOCs, Pesticides, Herbicides, Isobutyl Alcohol, Metals, Alkalinity, BOD, Bromide, COD, Chloride, Cr+6, CN, Hardness, Ammonia, Nitrate, Nitrite, TKN, Phenols, TDS, Sulfate, TOC
Accutest	9/22/2011	JA86978-4	SCA-0019-04 (TB)	Aqueous	VOCs
Accutest	9/23/2011	JA87097-1	SCA-0020-01	Groundwater	VOCs, Metals, Alkalinity, BOD, Bromide, COD, Chloride, Cr+6, CN, Hardness, Ammonia, Nitrate, Nitrite, TKN, Phenols, TDS, Sulfate, TOC
Accutest	9/23/2011	JA87097-2	SCA-0020-02	Groundwater	VOCs, Metals, Alkalinity, BOD, Bromide, COD, Chloride, Cr+6, CN, Hardness, Ammonia, Nitrate, Nitrite, TKN, Phenols, TDS, Sulfate, TOC
Accutest	9/23/2011	JA87097-3	SCA-0020-03	Groundwater	VOCs, Metals, Alkalinity, BOD, Bromide, COD, Chloride, Cr+6, CN, Hardness, Ammonia, Nitrate, Nitrite, TKN, Phenols, TDS, Sulfate, TOC
Accutest	9/23/2011	JA87097-4	SCA-0020-04 (TB)	Aqueous	VOCs
Accutest	9/23/2011	JA87100-1	SCA-0021-01	Groundwater	VOCs, SVOCs, Pesticides, Herbicides, Isobutyl Alcohol, Metals, Alkalinity, BOD, Bromide, COD, Chloride, Cr+6, CN, Hardness, Ammonia, Nitrate, Nitrite, TKN, Phenols, TDS, Sulfate, TOC
Accutest	9/23/2011	JA87100-2	SCA-0021-02	Groundwater	VOCs, SVOCs, Pesticides, Herbicides, Isobutyl Alcohol, Metals, Alkalinity, BOD, Bromide, COD, Chloride, Cr+6, CN, Hardness, Ammonia, Nitrate, Nitrite, TKN, Phenols, TDS, Sulfate, TOC

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Laboratory	Date Collected	Laboratory ID	Client ID	Matrix	Analysis Requested
Accutest	9/23/2011	JA87100-3	SCA-0021-03 (TB)	Aqueous	VOCs
Accutest	9/26/2011	JA87262-1	SCA-0022-01	Groundwater	VOCs, Metals, Alkalinity, BOD, Bromide, COD, Chloride, Cr+6, CN, Hardness, Ammonia, Nitrate, Nitrite, TKN, Phenols, TDS, Sulfate, TOC
Accutest	9/26/2011	JA87262-2	SCA-0022-02	Groundwater	VOCs, Metals, Alkalinity, BOD, Bromide, COD, Chloride, Cr+6, CN, Hardness, Ammonia, Nitrate, Nitrite, TKN, Phenols, TDS, Sulfate, TOC
Accutest	9/26/2011	JA87262-3	SCA-0022-03	Groundwater	VOCs, Metals, Alkalinity, BOD, Bromide, COD, Chloride, Cr+6, CN, Hardness, Ammonia, Nitrate, Nitrite, TKN, Phenols, TDS, Sulfate, TOC
Accutest	9/26/2011	JA87262-4	SCA-0022-04	Groundwater	VOCs, Metals, Alkalinity, BOD, Bromide, COD, Chloride, Cr+6, CN, Hardness, Ammonia, Nitrate, Nitrite, TKN, Phenols, TDS, Sulfate, TOC
Accutest	9/26/2011	JA87262-5	SCA-0022-05 (TB)	Aqueous	VOCs
Accutest	9/26/2011	JA87262-6	SCA-0022-06 (EB)	Aqueous	VOCs, Metals, Alkalinity, BOD, Bromide, COD, Chloride, Cr+6, CN, Hardness, Ammonia, Nitrate, Nitrite, TKN, Phenols, TDS, Sulfate, TOC
Accutest	9/26/2011	JA87261-1	SCA-0023-01	Groundwater	VOCs, SVOCs, Pesticides, Herbicides, Isobutyl Alcohol, Metals, Alkalinity, BOD, Bromide, COD, Chloride, Cr+6, CN, Hardness, Ammonia, Nitrate, Nitrite, TKN, Phenols, TDS, Sulfate, TOC
Accutest	9/26/2011	JA87261-2	SCA-0023-02	Groundwater	VOCs, SVOCs, Pesticides, Herbicides, Isobutyl Alcohol, Metals, Alkalinity, BOD, Bromide, COD, Chloride, Cr+6, CN, Hardness, Ammonia, Nitrate, Nitrite, TKN, Phenols, TDS, Sulfate, TOC
Accutest	9/26/2011	JA87261-3	SCA-0023-03 (FD) [SCA-0023-02]	Groundwater	VOCs, SVOCs, Pesticides, Herbicides, Isobutyl Alcohol, Metals, Alkalinity, BOD, Bromide, COD, Chloride, Cr+6, CN, Hardness, Ammonia, Nitrate, Nitrite, TKN, Phenols, TDS, Sulfate, TOC
Accutest	9/26/2011	JA87261-4	SCA-0023-04 (TB)	Aqueous	VOCs
Accutest	9/27/2011	JA87395-1	SCA-0024-01	Groundwater	VOCs, Metals, Alkalinity, BOD, Bromide, COD, Chloride, Cr+6, CN, Hardness, Ammonia, Nitrate, Nitrite, TKN, Phenols, TDS, Sulfate, TOC
Accutest	9/27/2011	JA87395-2	SCA-0024-02	Groundwater	VOCs, Metals, Alkalinity, BOD, Bromide, COD, Chloride, Cr+6, CN, Hardness, Ammonia, Nitrate, Nitrite, TKN, Phenols, TDS, Sulfate, TOC
Accutest	9/27/2011	JA87395-3	SCA-0024-03, MS/MSD	Groundwater	VOCs, Metals, Alkalinity, BOD, Bromide, COD, Chloride, Cr+6, CN, Hardness, Ammonia, Nitrate, Nitrite, TKN, Phenols, TDS, Sulfate, TOC
Accutest	9/27/2011	JA87395-4	SCA-0024-06 (TB)	Aqueous	VOCs
Accutest	9/27/2011	JA87394-1	SCA-0025-01	Groundwater	VOCs, SVOCs, Pesticides, Herbicides, Isobutyl Alcohol, Metals, Alkalinity, BOD, Bromide, COD, Chloride, Cr+6, CN, Hardness, Ammonia, Nitrate, Nitrite, TKN, Phenols, TDS, Sulfate, TOC
Accutest	9/27/2011	JA87394-2	SCA-0025-02 (TB)	Aqueous	VOCs
Accutest	9/28/2011	JA87522-1	SCA-0026-01	Groundwater	VOCs, Metals, Alkalinity, BOD, Bromide, COD, Chloride, Cr+6, CN, Hardness, Ammonia, Nitrate, Nitrite, TKN, Phenols, TDS, Sulfate, TOC
Accutest	9/28/2011	JA87522-2	SCA-0026-02	Groundwater	VOCs, Metals, Alkalinity, BOD, Bromide, COD, Chloride, Cr+6, CN, Hardness, Ammonia, Nitrate, Nitrite, TKN, Phenols, TDS, Sulfate, TOC
Accutest	9/28/2011	JA87522-3	SCA-0026-03	Groundwater	VOCs, Metals, Alkalinity, BOD, Bromide, COD, Chloride, Cr+6, CN, Hardness, Ammonia, Nitrate, Nitrite, TKN, Phenols, TDS, Sulfate, TOC
Accutest	9/28/2011	JA87522-4	SCA-0026-04	Groundwater	VOCs, Metals, Alkalinity, BOD, Bromide, COD, Chloride, Cr+6, CN, Hardness, Ammonia, Nitrate, Nitrite, TKN, Phenols, TDS, Sulfate, TOC
Accutest	9/28/2011	JA87522-5	SCA-0026-05 (TB)	Aqueous	VOCs
SGS	3/10/2011	JA70208-1R/31100418-001	SCA-0001-01	Groundwater	PCB Congeners, Dioxins/Dibenzofurans
SGS	3/10/2011	JA70208-2R/31100418-002	SCA-0001-02	Groundwater	PCB Congeners, Dioxins/Dibenzofurans
SGS	3/10/2011	JA70208-3R/31100418-003	SCA-0001-03	Groundwater	PCB Congeners, Dioxins/Dibenzofurans
SGS	3/10/2011	JA70208-4R/31100418-004	SCA-0001-04	Groundwater	PCB Congeners, Dioxins/Dibenzofurans
SGS	3/11/2011	JA70354-1R/31100419-001	SCA-0002-01	Groundwater	PCB Congeners, Dioxins/Dibenzofurans

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Laboratory	Date Collected	Laboratory ID	Client ID	Matrix	Analysis Requested
SGS	3/11/2011	JA70354-2R/31100419-002	SCA-0002-02	Groundwater	PCB Congeners, Dioxins/Dibenzofurans
SGS	3/11/2011	JA70354-3R/31100419-003	SCA-0002-03	Groundwater	PCB Congeners, Dioxins/Dibenzofurans
SGS	3/11/2011	JA70354-4R/31100419-004	SCA-0002-04	Groundwater	PCB Congeners, Dioxins/Dibenzofurans
SGS	3/11/2011	JA70354-5/31100419-005	SCA-0002-06 (EB)	Aqueous	PCB Congeners, Dioxins/Dibenzofurans
SGS	3/14/2011	JA70458-1R/31100420-001	SCA-0003-01	Groundwater	PCB Congeners, Dioxins/Dibenzofurans
SGS	3/14/2011	JA70458-2R/31100420-002	SCA-0003-02	Groundwater	PCB Congeners, Dioxins/Dibenzofurans
SGS	3/14/2011	JA70458-3R/31100420-003	SCA-0003-03	Groundwater	PCB Congeners, Dioxins/Dibenzofurans
SGS	3/14/2011	JA70458-4R/31100420-004	SCA-0003-04	Groundwater	PCB Congeners, Dioxins/Dibenzofurans
SGS	3/14/2011	JA70458-5R/31100420-005	SCA-0003-05 (FD) [SCA-0003-04]	Groundwater	PCB Congeners, Dioxins/Dibenzofurans
SGS	3/15/2011	JA70555-1R/31100451-001	SCA-0004-01	Groundwater	PCB Congeners, Dioxins/Dibenzofurans
SGS	3/15/2011	JA70555-1RMS/31100451-002	SCA-0004-02 MS	Groundwater	PCB Congeners, Dioxins/Dibenzofurans
SGS	3/15/2011	JA70555-1MSD/31100451-003	SCA-0004-03 MSD	Groundwater	PCB Congeners, Dioxins/Dibenzofurans
SGS	3/15/2011	JA70555-2R/31100451-004	SCA-0004-04	Groundwater	PCB Congeners, Dioxins/Dibenzofurans
SGS	3/15/2011	JA70555-3R/31100451-005	SCA-0004-05	Groundwater	PCB Congeners, Dioxins/Dibenzofurans
SGS	3/15/2011	JA70555-4R/31100451-006	SCA-0004-06	Groundwater	PCB Congeners, Dioxins/Dibenzofurans
SGS	3/16/2011	JA70686-1R/31100474-001	SCA-0005-01	Groundwater	PCB Congeners, Dioxins/Dibenzofurans
SGS	3/16/2011	JA70686-2R/31100474-002	SCA-0005-02	Groundwater	PCB Congeners, Dioxins/Dibenzofurans
SGS	3/16/2011	JA70686-3R/31100474-003	SCA-0005-03	Groundwater	PCB Congeners, Dioxins/Dibenzofurans
SGS	3/16/2011	JA70686-4R/31100474-004	SCA-0005-04 (EB)	Aqueous	PCB Congeners, Dioxins/Dibenzofurans
SGS	3/17/2011	JA70812-1R/31100492-001	SCA-0006-01	Groundwater	PCB Congeners, Dioxins/Dibenzofurans
SGS	3/17/2011	JA70812-2R/31100492-002	SCA-0006-02	Groundwater	PCB Congeners, Dioxins/Dibenzofurans
SGS	3/17/2011	JA70812-3R/31100492-003	SCA-0006-03	Groundwater	PCB Congeners, Dioxins/Dibenzofurans
SGS	3/17/2011	JA70812-3RMS/31100492-004	SCA-0006-04MS	Groundwater	PCB Congeners, Dioxins/Dibenzofurans
SGS	3/17/2011	JA70812-3RMSD/31100492-005	SCA-0006-05MSD	Groundwater	PCB Congeners, Dioxins/Dibenzofurans
SGS	3/17/2011	JA70812-4R/31100492-006	SCA-0006-06	Groundwater	PCB Congeners, Dioxins/Dibenzofurans
SGS	3/17/2011	JA70812-5RFD/31100492-007	SCA-0006-07 (FD) [SCA-0006-06]	Groundwater	PCB Congeners, Dioxins/Dibenzofurans
SGS	3/25/2011	JA71557-1R/31100601-001	SCA-0007-01	Groundwater	PCB Congeners, Dioxins/Dibenzofurans
SGS	3/25/2011	JA71557-2R/31100601-002	SCA-0007-02	Groundwater	PCB Congeners, Dioxins/Dibenzofurans
SGS	3/25/2011	JA71557-3R/31100601-003	SCA-0007-03 (EB)	Aqueous	PCB Congeners, Dioxins/Dibenzofurans
SGS	9/19/2011	JA86584-1R/311002690-001	SCA-0014-01	Groundwater	PCB Congeners, Dioxins/Dibenzofurans
SGS	9/19/2011	JA86584-2R/311002690-002	SCA-0014-02	Groundwater	PCB Congeners, Dioxins/Dibenzofurans
SGS	9/19/2011	JA86584-3R/311002690-003	SCA-0014-03	Groundwater	PCB Congeners, Dioxins/Dibenzofurans
SGS	9/19/2011	JA86584-4R/311002690-004	SCA-0014-04 MS/MSD	Groundwater	PCB Congeners, Dioxins/Dibenzofurans
SGS	9/19/2011	JA86584-5R/311002690-005	SCA-0014-05 MS	Groundwater	PCB Congeners, Dioxins/Dibenzofurans
SGS	9/19/2011	JA86584-6R/311002690-006	SCA-0014-06 MSD	Groundwater	PCB Congeners, Dioxins/Dibenzofurans
SGS	9/21/2011	JA86856-1R/31102688-001	SCA-0016-01	Groundwater	PCB Congeners, Dioxins/Dibenzofurans
SGS	9/21/2011	JA86856-2R/31102688-002	SCA-0016-02	Groundwater	PCB Congeners, Dioxins/Dibenzofurans
SGS	9/21/2011	JA86856-3R/31102688-003	SCA-0016-03	Groundwater	PCB Congeners, Dioxins/Dibenzofurans
SGS	9/21/2011	JA86856-4R/31102688-004	SCA-0016-04	Groundwater	PCB Congeners, Dioxins/Dibenzofurans
SGS	9/21/2011	JA86856-5R/31102688-005	SCA-0016-05	Groundwater	PCB Congeners, Dioxins/Dibenzofurans
SGS	9/22/2011	JA86978-1R/31102685-001	SCA-0019-01	Groundwater	PCB Congeners, Dioxins/Dibenzofurans
SGS	9/22/2011	JA86978-2R/31102685-002	SCA-0019-02 EB	Groundwater	PCB Congeners, Dioxins/Dibenzofurans

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Laboratory	Date Collected	Laboratory ID	Client ID	Matrix	Analysis Requested
SGS	9/22/2011	JA86978-3R/31102685-003	SCA-0019-03	Groundwater	PCB Congeners, Dioxins/Dibenzofurans
SGS	9/23/2011	JA87100-1R/31102689-001	SCA-0021-01	Groundwater	PCB Congeners, Dioxins/Dibenzofurans
SGS	9/23/2011	JA87100-2R/31102689-002	SCA-0021-02	Groundwater	PCB Congeners, Dioxins/Dibenzofurans
SGS	9/26/2011	JA87261-1R/31102687-001	SCA-0023-01	Groundwater	PCB Congeners, Dioxins/Dibenzofurans
SGS	9/26/2011	JA87261-2R/31102687-002	SCA-0023-02	Groundwater	PCB Congeners, Dioxins/Dibenzofurans
SGS	9/26/2011	JA87261-3R/31102687-003	SCA-0023-03 (FD) [SCA-0023-02]	Groundwater	PCB Congeners, Dioxins/Dibenzofurans
SGS	9/26/2011	JA87394-1R/31102683-001	SCA-0025-01	Groundwater	PCB Congeners, Dioxins/Dibenzofurans
Brooks Rand	3/10/2011	1111038-01	SCA-0001-01	Groundwater	High Resolution Mercury
Brooks Rand	3/10/2011	1111038-02	SCA-0001-02	Groundwater	High Resolution Mercury
Brooks Rand	3/10/2011	1111038-03	SCA-0001-03	Groundwater	High Resolution Mercury
Brooks Rand	3/10/2011	1111038-04	SCA-0001-04	Groundwater	High Resolution Mercury
Brooks Rand	3/11/2011	1111046-01	SCA-0002-01	Groundwater	High Resolution Mercury
Brooks Rand	3/11/2011	1111046-02	SCA-0002-02	Groundwater	High Resolution Mercury
Brooks Rand	3/11/2011	1111046-03	SCA-0002-03	Groundwater	High Resolution Mercury
Brooks Rand	3/11/2011	1111046-04	SCA-0002-04	Groundwater	High Resolution Mercury
Brooks Rand	3/11/2011	1111046-05	SCA-0002-06 (EB)	Aqueous	High Resolution Mercury
Brooks Rand	3/14/2011	1112009-01	SCA-0003-01	Groundwater	High Resolution Mercury
Brooks Rand	3/14/2011	1112009-02	SCA-0003-02	Groundwater	High Resolution Mercury
Brooks Rand	3/14/2011	1112009-03	SCA-0003-03	Groundwater	High Resolution Mercury
Brooks Rand	3/14/2011	1112009-04	SCA-0003-04	Groundwater	High Resolution Mercury
Brooks Rand	3/14/2011	1112009-05	SCA-0003-05 (FD) [SCA-0003-04]	Groundwater	High Resolution Mercury
Brooks Rand	3/15/2011	1112018-04	SCA-0004-01, MS/MSD	Groundwater	High Resolution Mercury
Brooks Rand	3/15/2011	1112018-05	SCA-0004-04	Groundwater	High Resolution Mercury
Brooks Rand	3/15/2011	1112018-06	SCA-0004-05	Groundwater	High Resolution Mercury
Brooks Rand	3/15/2011	1112018-07	SCA-0004-06	Groundwater	High Resolution Mercury
Brooks Rand	3/16/2011	1112026-01	SCA-0005-01	Groundwater	High Resolution Mercury
Brooks Rand	3/16/2011	1112026-02	SCA-0005-02	Groundwater	High Resolution Mercury
Brooks Rand	3/16/2011	1112026-03	SCA-0005-03	Groundwater	High Resolution Mercury
Brooks Rand	3/16/2011	1112026-04	SCA-0005-04 (EB)	Aqueous	High Resolution Mercury
Brooks Rand	3/17/2011	1112040-01	SCA-0006-01	Groundwater	High Resolution Mercury
Brooks Rand	3/17/2011	1112040-02	SCA-0006-02	Groundwater	High Resolution Mercury
Brooks Rand	3/17/2011	1112040-06	SCA-0006-03, MS/MSD	Groundwater	High Resolution Mercury
Brooks Rand	3/17/2011	1112040-07	SCA-0006-06	Groundwater	High Resolution Mercury
Brooks Rand	3/17/2011	1112040-08	SCA-0006-07 (FD) [SCA-0006-06]	Groundwater	High Resolution Mercury
Brooks Rand	3/25/2011	1114004-01	SCA-0007-01	Groundwater	High Resolution Mercury
Brooks Rand	3/25/2011	1114004-02	SCA-0007-02	Groundwater	High Resolution Mercury
Brooks Rand	3/25/2011	1114004-03	SCA-0007-03 (EB)	Aqueous	High Resolution Mercury
Brooks Rand	6/22/2011	1126015-04	SCA-0008-01, MS/MSD	Groundwater	High Resolution Mercury
Brooks Rand	6/22/2011	1126015-05	SCA-0008-04	Groundwater	High Resolution Mercury
Brooks Rand	6/22/2011	1126015-05	SCA-0008-05	Groundwater	High Resolution Mercury
Brooks Rand	6/22/2011	1126015-06	SCA-0008-06	Groundwater	High Resolution Mercury
Brooks Rand	6/23/2011	1126027-01	SCA-0009-01	Groundwater	High Resolution Mercury

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Laboratory	Date Collected	Laboratory ID	Client ID	Matrix	Analysis Requested
Brooks Rand	6/23/2011	1126027-02	SCA-0009-02	Groundwater	High Resolution Mercury
Brooks Rand	6/23/2011	1126027-03	SCA-0009-03	Groundwater	High Resolution Mercury
Brooks Rand	6/23/2011	1126027-04	SCA-0009-04	Groundwater	High Resolution Mercury
Brooks Rand	6/23/2011	1126027-06	SCA-0009-06 (EB)	Aqueous	High Resolution Mercury
Brooks Rand	6/24/2011	1126029-01	SCA-0010-01	Groundwater	High Resolution Mercury
Brooks Rand	6/24/2011	1126029-02	SCA-0010-02	Groundwater	High Resolution Mercury
Brooks Rand	6/24/2011	1126029-03	SCA-0010-03	Groundwater	High Resolution Mercury
Brooks Rand	6/24/2011	1126029-04	SCA-0010-04	Groundwater	High Resolution Mercury
Brooks Rand	6/24/2011	1126029-05	SCA-0010-05	Groundwater	High Resolution Mercury
Brooks Rand	6/24/2011	1126029-06	SCA-0010-07 (FD) [SCA-0010-01]	Groundwater	High Resolution Mercury
Brooks Rand	6/27/2011	1127004-01	SCA-0011-01	Groundwater	High Resolution Mercury
Brooks Rand	6/27/2011	1127004-02	SCA-0011-02	Groundwater	High Resolution Mercury
Brooks Rand	6/27/2011	1127004-03	SCA-0011-03	Groundwater	High Resolution Mercury
Brooks Rand	6/27/2011	1127004-04	SCA-0011-04	Groundwater	High Resolution Mercury
Brooks Rand	6/28/2011	1127011-01	SCA-0012-01	Groundwater	High Resolution Mercury
Brooks Rand	6/28/2011	1127011-02	SCA-0012-02	Groundwater	High Resolution Mercury
Brooks Rand	6/28/2011	1127011-08	SCA-0012-03, MS/MSD	Groundwater	High Resolution Mercury
Brooks Rand	6/28/2011	1127011-04	SCA-0012-04	Groundwater	High Resolution Mercury
Brooks Rand	6/28/2011	1127011-05	SCA-0012-05	Groundwater	High Resolution Mercury
Brooks Rand	6/29/2011	1127014-01	SCA-0013-01	Groundwater	High Resolution Mercury
Brooks Rand	6/29/2011	1127014-02	SCA-0013-02	Groundwater	High Resolution Mercury
Brooks Rand	6/29/2011	1127014-03	SCA-0013-03	Groundwater	High Resolution Mercury
Brooks Rand	6/29/2011	1127014-04	SCA-0013-04 (FD) [SCA-0013-03]	Groundwater	High Resolution Mercury
Brooks Rand	6/29/2011	1127014-05	SCA-0013-05 (EB)	Aqueous	High Resolution Mercury
Brooks Rand	9/19/2011	1139002-01	SCA-0014-01	Groundwater	High Resolution Mercury
Brooks Rand	9/19/2011	1139002-02	SCA-0014-02	Groundwater	High Resolution Mercury
Brooks Rand	9/19/2011	1139002-03	SCA-0014-03	Groundwater	High Resolution Mercury
Brooks Rand	9/19/2011	1139002-07	SCA-0014-04, MS/MSD	Groundwater	High Resolution Mercury
Brooks Rand	9/20/2011	1139031-01	SCA-0015-01	Groundwater	High Resolution Mercury
Brooks Rand	9/20/2011	1139031-02	SCA-0015-02 (FD) [SCA-0015-01]	Groundwater	High Resolution Mercury
Brooks Rand	9/20/2011	1139031-03	SCA-0015-03	Groundwater	High Resolution Mercury
Brooks Rand	9/20/2011	1139031-04	SCA-0015-04	Groundwater	High Resolution Mercury
Brooks Rand	9/21/2011	1139024-01	SCA-0016-01	Groundwater	High Resolution Mercury
Brooks Rand	9/21/2011	1139024-02	SCA-0016-02	Groundwater	High Resolution Mercury
Brooks Rand	9/21/2011	1139024-03	SCA-0016-03	Groundwater	High Resolution Mercury
Brooks Rand	9/21/2011	1139024-04	SCA-0016-04	Groundwater	High Resolution Mercury
Brooks Rand	9/21/2011	1139024-05	SCA-0016-05	Groundwater	High Resolution Mercury
Brooks Rand	9/21/2011	1139025-01	SCA-0017-01	Groundwater	High Resolution Mercury
Brooks Rand	9/21/2011	1139025-02	SCA-0017-02	Groundwater	High Resolution Mercury
Brooks Rand	9/22/2011	1139036-01	SCA-0018-01	Groundwater	High Resolution Mercury
Brooks Rand	9/22/2011	1139036-02	SCA-0018-02	Groundwater	High Resolution Mercury
Brooks Rand	9/22/2011	1139036-03	SCA-0018-03	Groundwater	High Resolution Mercury

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Laboratory	Date Collected	Laboratory ID	Client ID	Matrix	Analysis Requested
Brooks Rand	9/22/2011	1139036-04	SCA-0018-04	Groundwater	High Resolution Mercury
Brooks Rand	9/22/2011	1139037-01	SCA-0019-01	Groundwater	High Resolution Mercury
Brooks Rand	9/22/2011	1139037-02	SCA-0019-02 (EB)	Aqueous	High Resolution Mercury
Brooks Rand	9/22/2011	1139037-03	SCA-0019-03	Groundwater	High Resolution Mercury
Brooks Rand	9/23/2011	1140001-01	SCA-0020-01	Groundwater	High Resolution Mercury
Brooks Rand	9/23/2011	1140001-02	SCA-0020-02	Groundwater	High Resolution Mercury
Brooks Rand	9/23/2011	1140001-03	SCA-0020-03	Groundwater	High Resolution Mercury
Brooks Rand	9/23/2011	1140002-01	SCA-0021-01	Groundwater	High Resolution Mercury
Brooks Rand	9/23/2011	1140002-02	SCA-0021-02	Groundwater	High Resolution Mercury
Brooks Rand	9/26/2011	1140006-01	SCA-0022-01	Groundwater	High Resolution Mercury
Brooks Rand	9/26/2011	1140006-02	SCA-0022-02	Groundwater	High Resolution Mercury
Brooks Rand	9/26/2011	1140006-03	SCA-0022-03	Groundwater	High Resolution Mercury
Brooks Rand	9/26/2011	1140006-04	SCA-0022-04	Groundwater	High Resolution Mercury
Brooks Rand	9/26/2011	1140006-05	SCA-0022-06 (EB)	Aqueous	High Resolution Mercury
Brooks Rand	9/26/2011	1140007-01	SCA-0023-01	Groundwater	High Resolution Mercury
Brooks Rand	9/26/2011	1140007-02	SCA-0023-02	Groundwater	High Resolution Mercury
Brooks Rand	9/26/2011	1140007-03	SCA-0023-03 (FD) [SCA-0023-02]	Groundwater	High Resolution Mercury
Brooks Rand	9/27/2011	1140024-01	SCA-0024-01	Groundwater	High Resolution Mercury
Brooks Rand	9/27/2011	1140024-02	SCA-0024-02	Groundwater	High Resolution Mercury
Brooks Rand	9/27/2011	1140024-06	SCA-0024-03, MS/MSD	Groundwater	High Resolution Mercury
Brooks Rand	9/27/2011	1140025-01	SCA-0025-01	Groundwater	High Resolution Mercury
Brooks Rand	9/28/2011	1140047-01	SCA-0026-01	Groundwater	High Resolution Mercury
Brooks Rand	9/28/2011	1140047-02	SCA-0026-02	Groundwater	High Resolution Mercury
Brooks Rand	9/28/2011	1140047-03	SCA-0026-03	Groundwater	High Resolution Mercury
Brooks Rand	9/28/2011	1140047-04	SCA-0026-04	Groundwater	High Resolution Mercury
TA	12/6/2011	180-6544-1	SCA-0027-01	Groundwater	VOCs, Metals, Alkalinity, BOD, Bromide, COD, Chloride, Cr+6, CN, Hardness, Ammonia, Nitrate, TKN, Phenols, TDS, Sulfate, TOC
TA	12/6/2011	180-6544-2	SCA-0027-02	Groundwater	VOCs, Metals, Alkalinity, BOD, Bromide, COD, Chloride, Cr+6, CN, Hardness, Ammonia, Nitrate, TKN, Phenols, TDS, Sulfate, TOC
TA	12/6/2011	180-6544-3	SCA-0027-03	Groundwater	VOCs, Metals, Alkalinity, BOD, Bromide, COD, Chloride, Cr+6, CN, Hardness, Ammonia, Nitrate, TKN, Phenols, TDS, Sulfate, TOC
TA	12/6/2011	180-6544-4	SCA-0027-04, MS/MSD	Groundwater	VOCs, Metals, Alkalinity, BOD, Bromide, COD, Chloride, Cr+6, CN, Hardness, Ammonia, Nitrate, TKN, Phenols, TDS, Sulfate, TOC
TA	12/6/2011	180-6544-7	SCA-0027-07 (TB)	Aqueous	VOCs
TA	12/7/2011	180-6593-1	SCA-0028-01	Groundwater	VOCs, Metals, Alkalinity, BOD, Bromide, COD, Chloride, Cr+6, CN, Hardness, Ammonia, Nitrate, TKN, Phenols, TDS, Sulfate, TOC
TA	12/7/2011	180-6593-2	SCA-0028-02	Groundwater	VOCs, Metals, Alkalinity, BOD, Bromide, COD, Chloride, Cr+6, CN, Hardness, Ammonia, Nitrate, TKN, Phenols, TDS, Sulfate, TOC
TA	12/7/2011	180-6593-3	SCA-0028-03	Groundwater	VOCs, Metals, Alkalinity, BOD, Bromide, COD, Chloride, Cr+6, CN, Hardness, Ammonia, Nitrate, TKN, Phenols, TDS, Sulfate, TOC
TA	12/7/2011	180-6593-4	SCA-0028-04	Groundwater	VOCs, Metals, Alkalinity, BOD, Bromide, COD, Chloride, Cr+6, CN, Hardness, Ammonia, Nitrate, TKN, Phenols, TDS, Sulfate, TOC
TA	12/7/2011	180-6593-5	SCA-0028-05	Groundwater	VOCs, Metals, Alkalinity, BOD, Bromide, COD, Chloride, Cr+6, CN, Hardness, Ammonia, Nitrate, TKN, Phenols, TDS, Sulfate, TOC

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Laboratory	Date Collected	Laboratory ID	Client ID	Matrix	Analysis Requested
TA	12/7/2011	180-6593-6	SCA-0028-06 (FD) [SCA-0028-04]	Groundwater	VOCs, Metals, Alkalinity, BOD, Bromide, COD, Chloride, Cr+6, CN, Hardness, Ammonia, Nitrate, TKN, Phenols, TDS, Sulfate, TOC
TA	12/7/2011	180-6593-7	SCA-0028-07	Groundwater	VOCs, Metals, Alkalinity, BOD, Bromide, COD, Chloride, Cr+6, CN, Hardness, Ammonia, Nitrate, TKN, Phenols, TDS, Sulfate, TOC
TA	12/7/2011	180-6593-8	SCA-0028-08 (TB)	Aqueous	VOCs
TA	12/8/2011	180-6651-1	SCA-0029-01	Groundwater	VOCs, Metals, Alkalinity, BOD, Bromide, COD, Chloride, Cr+6, CN, Hardness, Ammonia, Nitrate, TKN, Phenols, TDS, Sulfate, TOC
TA	12/8/2011	180-6651-2	SCA-0029-02	Groundwater	VOCs, Metals, Alkalinity, BOD, Bromide, COD, Chloride, Cr+6, CN, Hardness, Ammonia, Nitrate, TKN, Phenols, TDS, Sulfate, TOC
TA	12/8/2011	180-6651-3	SCA-0029-03	Groundwater	VOCs, Metals, Alkalinity, BOD, Bromide, COD, Chloride, Cr+6, CN, Hardness, Ammonia, Nitrate, TKN, Phenols, TDS, Sulfate, TOC
TA	12/8/2011	180-6651-4	SCA-0029-04	Groundwater	VOCs, Metals, Alkalinity, BOD, Bromide, COD, Chloride, Cr+6, CN, Hardness, Ammonia, Nitrate, TKN, Phenols, TDS, Sulfate, TOC
TA	12/8/2011	180-6651-5	SCA-0029-05	Groundwater	VOCs, Metals, Alkalinity, BOD, Bromide, COD, Chloride, Cr+6, CN, Hardness, Ammonia, Nitrate, TKN, Phenols, TDS, Sulfate, TOC
TA	12/8/2011	180-6651-6	SCA-0029-06 (TB)	Aqueous	VOCs
TA	12/8/2011	180-6651-7	SCA-0029-07 (EB)	Groundwater	VOCs, Metals, Alkalinity, BOD, Bromide, COD, Chloride, Cr+6, CN, Hardness, Ammonia, Nitrate, TKN, Phenols, TDS, Sulfate, TOC
TA	12/9/2011	180-6689-1	SCA-0030-01	Groundwater	VOCs, Metals, Alkalinity, BOD, Bromide, COD, Chloride, Cr+6, CN, Hardness, Ammonia, Nitrate, TKN, Phenols, TDS, Sulfate, TOC
TA	12/9/2011	180-6689-2	SCA-0030-02	Groundwater	VOCs, Metals, Alkalinity, BOD, Bromide, COD, Chloride, Cr+6, CN, Hardness, Ammonia, Nitrate, TKN, Phenols, TDS, Sulfate, TOC
TA	12/9/2011	180-6689-3	SCA-0030-03	Groundwater	VOCs, Metals, Alkalinity, BOD, Bromide, COD, Chloride, Cr+6, CN, Hardness, Ammonia, Nitrate, TKN, Phenols, TDS, Sulfate, TOC
TA	12/9/2011	180-6689-4	SCA-0030-04	Groundwater	VOCs, Metals, Alkalinity, BOD, Bromide, COD, Chloride, Cr+6, CN, Hardness, Ammonia, Nitrate, TKN, Phenols, TDS, Sulfate, TOC
TA	12/9/2011	180-6689-5	SCA-0030-05 (TB)	Aqueous	VOCs
TA	12/12/2011	180-6732-1	SCA-0031-01	Groundwater	VOCs, Metals, Alkalinity, BOD, Bromide, COD, Chloride, Cr+6, CN, Hardness, Ammonia, Nitrate, TKN, Phenols, TDS, Sulfate, TOC
TA	12/12/2011	180-6732-2	SCA-0031-02	Groundwater	VOCs, Metals, Alkalinity, BOD, Bromide, COD, Chloride, Cr+6, CN, Hardness, Ammonia, Nitrate, TKN, Phenols, TDS, Sulfate, TOC
TA	12/12/2011	180-6732-3	SCA-0031-03	Groundwater	VOCs, Metals, Alkalinity, BOD, Bromide, COD, Chloride, Cr+6, CN, Hardness, Ammonia, Nitrate, TKN, Phenols, TDS, Sulfate, TOC
TA	12/12/2011	180-6732-4	SCA-0031-04	Groundwater	VOCs, Metals, Alkalinity, BOD, Bromide, COD, Chloride, Cr+6, CN, Hardness, Ammonia, Nitrate, TKN, Phenols, TDS, Sulfate, TOC
TA	12/12/2011	180-6732-5	SCA-0031-05	Groundwater	VOCs, Metals, Alkalinity, BOD, Bromide, COD, Chloride, Cr+6, CN, Hardness, Ammonia, Nitrate, TKN, Phenols, TDS, Sulfate, TOC
TA	12/12/2011	180-6732-6	SCA-0031-06	Groundwater	VOCs, Metals, Alkalinity, BOD, Bromide, COD, Chloride, Cr+6, CN, Hardness, Ammonia, Nitrate, TKN, Phenols, TDS, Sulfate, TOC
TA	12/12/2011	180-6732-7	SCA-0031-07 (TB)	Aqueous	VOCs
TA	12/13/2011	180-6767-1	SCA-0032-01	Groundwater	VOCs, Metals, Alkalinity, BOD, Bromide, COD, Chloride, Cr+6, CN, Hardness, Ammonia, Nitrate, TKN, Phenols, TDS, Sulfate, TOC
TA	12/13/2011	180-6767-2	SCA-0032-02	Groundwater	VOCs, Metals, Alkalinity, BOD, Bromide, COD, Chloride, Cr+6, CN, Hardness, Ammonia, Nitrate, TKN, Phenols, TDS, Sulfate, TOC
TA	12/13/2011	180-6767-3	SCA-0032-03	Groundwater	VOCs, Metals, Alkalinity, BOD, Bromide, COD, Chloride, Cr+6, CN, Hardness, Ammonia, Nitrate, TKN, Phenols, TDS, Sulfate, TOC

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Laboratory	Date Collected	Laboratory ID	Client ID	Matrix	Analysis Requested
TA	12/13/2011	180-6767-4	SCA-0032-04	Groundwater	VOCs, Metals, Alkalinity, BOD, Bromide, COD, Chloride, Cr+6, CN, Hardness, Ammonia, Nitrate, TKN, Phenols, TDS, Sulfate, TOC
TA	12/13/2011	180-6767-5	SCA-0032-05	Groundwater	VOCs, Metals, Alkalinity, BOD, Bromide, COD, Chloride, Cr+6, CN, Hardness, Ammonia, Nitrate, TKN, Phenols, TDS, Sulfate, TOC
TA	12/13/2011	180-6767-6	SCA-0032-06, MS/MSD	Groundwater	VOCs, Metals, Alkalinity, BOD, Bromide, COD, Chloride, Cr+6, CN, Hardness, Ammonia, Nitrate, TKN, Phenols, TDS, Sulfate, TOC
TA	12/13/2011	180-6767-9	SCA-0032-09 (TB)	Aqueous	VOCs
TA	12/14/2011	180-6809-1	SCA-0033-01	Groundwater	VOCs, Metals, Alkalinity, BOD, Bromide, COD, Chloride, Cr+6, CN, Hardness, Ammonia, Nitrate, TKN, Phenols, TDS, Sulfate, TOC
TA	12/14/2011	180-6809-2	SCA-0033-02	Groundwater	VOCs, Metals, Alkalinity, BOD, Bromide, COD, Chloride, Cr+6, CN, Hardness, Ammonia, Nitrate, TKN, Phenols, TDS, Sulfate, TOC
TA	12/14/2011	180-6809-3	SCA-0033-03	Groundwater	VOCs, Metals, Alkalinity, BOD, Bromide, COD, Chloride, Cr+6, CN, Hardness, Ammonia, Nitrate, TKN, Phenols, TDS, Sulfate, TOC
TA	12/14/2011	180-6809-4	SCA-0033-04	Groundwater	VOCs, Metals, Alkalinity, BOD, Bromide, COD, Chloride, Cr+6, CN, Hardness, Ammonia, Nitrate, TKN, Phenols, TDS, Sulfate, TOC
TA	12/14/2011	180-6809-5	SCA-0033-05	Groundwater	VOCs, Metals, Alkalinity, BOD, Bromide, COD, Chloride, Cr+6, CN, Hardness, Ammonia, Nitrate, TKN, Phenols, TDS, Sulfate, TOC
TA	12/14/2011	180-6809-6	SCA-0033-06 (FD) [SCA-0033-02]	Groundwater	VOCs, Metals, Alkalinity, BOD, Bromide, COD, Chloride, Cr+6, CN, Hardness, Ammonia, Nitrate, TKN, Phenols, TDS, Sulfate, TOC
TA	12/14/2011	180-6809-7	SCA-0033-07 (TB)	Aqueous	VOCs
TA	12/15/2011	180-6854-1	SCA-0034-01	Groundwater	VOCs, Metals, Alkalinity, BOD, Bromide, COD, Chloride, Cr+6, CN, Hardness, Ammonia, Nitrate, TKN, Phenols, TDS, Sulfate, TOC
TA	12/15/2011	180-6854-2	SCA-0034-02	Groundwater	VOCs, Metals, Alkalinity, BOD, Bromide, COD, Chloride, Cr+6, CN, Hardness, Ammonia, Nitrate, TKN, Phenols, TDS, Sulfate, TOC
TA	12/15/2011	180-6854-3	SCA-0034-03	Groundwater	VOCs, Metals, Alkalinity, BOD, Bromide, COD, Chloride, Cr+6, CN, Hardness, Ammonia, Nitrate, TKN, Phenols, TDS, Sulfate, TOC
TA	12/15/2011	180-6854-4	SCA-0034-04 (EB)	Groundwater	VOCs, Metals, Alkalinity, BOD, Bromide, COD, Chloride, Cr+6, CN, Hardness, Ammonia, Nitrate, TKN, Phenols, TDS, Sulfate, TOC
TA	12/15/2011	180-6854-5	SCA-0034-05 (TB)	Aqueous	VOCs

Notes:

Accutest indicates Accutest Laboratories of Dayton, New Jersey and Orlando, Florida.
 SGS Indicates SGS North America Inc. of Wilmington, NC performed the Dioxin/Dibenzofuran analyses.
 Brooks Rand indicates Brook Rand Labs of Seattle, Washington performed high resolution mercury analyses.
 TA includes TestAmerica Laboratories of Pittsburgh, Pennsylvania, TestAmerica Edison of Edison, New Jersey and TestAmerica Canton of Canton, Ohio.
 VOCs indicates volatile organic compounds.
 SVOC indicates semivolatle organic compounds.
 Pesticides indicates organochlorine and organophosphate pesticide targets.
 CN indicates total cyanide.
 Alkalinity includes total, bicarbonate, and carbonate.
 BOD indicates Biological Oxygen Demand.
 COD indicates Chemical Oxygen Demand.
 Cr+6 indicates hexavalent chromium.
 TKN indicates Total Kjeldahl Nitrogen.
 TDS indicates Total Dissolved Solids.
 TOC indicates Total Organic Carbon.

APPENDIX A - Sample cross reference list

Laboratory	Date Collected	Laboratory ID	Client ID	Matrix	Analysis Requested
<p>EB indicates equipment blank. TB indicates trip blank. FD indicates field duplicate. MS/MSD indicates matrix spike/ matrix spike duplicate. The sample utilized for field duplicate location is listed in brackets.</p>					

*Appendix B -
Data Validation Approach*

APPENDIX B - O'Brien & Gere Data validation approach based on USEPA Region II Data validation guidelines for the following SW-846 analytical methods: VOCs (8260B), SVOCs (8270C/8270D), Pesticides (8081B), Herbicides (8151A), PCBs (8082A), Metals (6010B), High Resolution Mercury (1631), Cyanide (9012/9014), Dioxins/Dibenzofurans (8290A), PCB Congeners (1668B), and Inorganics by various methods

<p>General Validation Approach</p>	<p>The validation approach taken by O'Brien & Gere is a conservative one; qualifiers are applied to sample data to indicate both major and minor excursions so that data associated with any type of excursion are identified to the data user. Major excursions result in data being rejected (R), indicating that the data are considered unusable for either quantitative or qualitative purposes. Minor excursions result in sample data being qualified as approximate (J, UJ, JN) or non-detected (U) that is otherwise usable for quantitative or qualitative purposes.</p> <p>Excursions are subdivided into excursions that are within the laboratory's control and those that are out of the laboratory's control. Excursions involving laboratory control sample recovery, calibration response, method blank excursions, low or high spike recovery due to inaccurate spiking solutions or poor instrument response, holding times, interpretation errors, and quantitation errors are within the control of the laboratory. Excursions resulting from matrix spike recovery, serial dilution recovery, surrogate, and internal standard performance due to interference from the matrix of the samples are examples of those excursions that are not within the laboratory's control if the laboratory has followed proper method procedures, including performing appropriate cleanup techniques.</p>
<p>Applying professional judgment</p>	<p>USEPA data validation directs professional judgment to be used when applying qualifiers in some cases. When utilizing professional judgment, provide justification for actions taken in the associated validation notes.</p>
<p>Validation Parameter</p>	<p>O'Brien & Gere Data Validation Approach based on Region II guidelines for SW-846 methods, current as of November 2011. Since Region II guidelines available for metals apply only to the CLP method, only the general approach to applying qualifiers was utilized for metals and inorganics.</p>
<p>Validation Qualifiers - Organics</p>	<p>U - The analyte was analyzed for, but was not detected at a level greater than or equal to the level of the quantitation limit (QL).</p> <p>J - The analyte was positively identified and the associated numerical value is the approximate concentration of the analyte in the sample (due either to the quality of the data generated because certain quality control criteria were not met, or the concentration of the analyte was below the QL).</p> <p>NJ - The analysis indicates the presence of an analyte that has been "tentatively identified" and the associated numerical value represents its approximate concentration.</p> <p>UJ - The analyte was not detected at a level greater than or equal to the QL. However, the QL is approximate and may be inaccurate or imprecise.</p> <p>R - The sample results are unusable due to the quality of the data generated because certain criteria were not met. The analyte may or may not be present in the sample.</p> <p>EMPC - Estimated maximum possible concentration is characterized by a response with a signal to noise of at least 2.5 for both the quantitation ions but does not meet all the identification criteria specified in the method.</p>
<p>Cooler Temperature</p>	<p>Results for samples submitted for organic and inorganic analyses that are impacted by coolers that did not contain ice, or if the ice melted upon receipt and the cooler temperatures are greater than 10°C, are qualified as approximate (UJ, J).</p> <p>If samples are delivered to the laboratory the same day as sample collection and samples did not have sufficient time to reach 10°C, samples are not qualified unless proper preservation was not provided for samples between sample collection and sample receipt at the laboratory.</p> <p>Results for samples received at ambient temperature involved in extended shipment-day issues may be rejected, applying professional judgment.</p>
<p>Percent Solids</p>	<p>Results for samples submitted for organic and inorganic analyses that are impacted by percent solids of 50% or less are qualified as approximate (UJ, J).</p>
<p>Holding Time</p>	<p>Results for samples analyzed less than two times the holding time window established in the method or the QAPP for preparation and/or analysis are qualified as approximate (UJ, J).</p> <p>Non-detected results for samples analyzed greater than two times the holding time window for preparation and/or analysis are <u>rejected</u> (R).</p> <p>Detected results for samples analyzed greater than two times the holding time window for preparation and/or analysis are qualified as approximate (J).</p> <p>The entire sample target list for a VOC sample impacted by a holding time excursion is qualified.</p>

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<p>General Calibration Actions</p>	<p>Due to relative standard deviation (RSD) calibration excursions, detected results for analytes in samples associated with the calibration are qualified as approximate (J). Non-detected results associated with RSD excursions may be qualified as approximate (UJ) based on professional judgment.</p> <p>If the RSD calibration excursion is greater than 90, detected results for analytes in samples associated with the calibration are qualified as approximate (J) and non-detected results may be <u>rejected</u> (R), applying professional judgment.</p> <p>Due to %D calibration verification excursions, detected and non-detected results for analytes in samples associated with the calibration are qualified as approximate (J, UJ). The response direction and detection of target analytes in associated sample may be considered in applying qualifiers.</p> <p>For response factor excursions, detected results are qualified as approximate (J) and non-detected results are <u>rejected</u> (R).</p> <p>For initial calibration verifications (ICV) excursions, detected and non-detected results for analytes in samples associated with the calibration are qualified as approximate (J, UJ). The response direction and detection of target analytes in associated sample may be considered in applying qualifiers.</p>
<p>VOCs Calibration Evaluation</p>	<p>VOC target analytes are evaluated using the criteria of 15 percent relative standard deviation (%RSD) or correlation coefficient of 0.990 for initial calibration curves.</p> <p>Calibration verifications are evaluated using a criterion of 20 percent difference (%D) for target analytes. Initial calibrations and calibration verifications are also evaluated using the response factor (RF) criteria described in the method for system performance check compounds, a criterion of greater than or equal to 0.010 for ketones and alcohols, and a criterion of 0.05 for the remaining target analytes.</p> <p>ICV recoveries are evaluated using laboratory control limits if available or 70 to 130%.</p>
<p>SVOCs Calibration Evaluation</p>	<p>SVOC target analytes are evaluated using the criteria of 15 %RSD (<20 %RSD Method 8270D) or correlation coefficient of 0.990 for initial calibration curves.</p> <p>Calibration verifications are evaluated using a criterion of 20 %D for the target analytes. Initial calibrations and calibration verifications are also evaluated using the criterion of a RF value of greater than or equal to a value of 0.05 for the target analytes using Method 8270C or Table 4 of 8270D. ICV recoveries are evaluated using laboratory control limits if available or 70 to 130%.</p>
<p>PCBs Calibration Evaluation</p>	<p>PCB target analytes are evaluated using the criteria of 20 %RSD or correlation coefficient of 0.990 for initial calibration curves.</p> <p>Calibration verifications are evaluated using a criterion of 15 %D for target analytes. ICV recoveries are evaluated using laboratory control limits if available or 70 to 130%.</p>
<p>PCB Congeners Calibration Evaluation</p>	<p>Target analytes are evaluated using the initial calibration criteria of RSD ≤ 20% for the 27 congeners in the ICs. For calibration verifications, the criteria include a %D ≤ 30%. Relative ion abundance criteria and lock ion and signal to noise ratio criteria specified in the method must be met for IC and CCV.</p>
<p>Dioxin/ Dibenzofuran Calibration Evaluation</p>	<p>Dioxin/dibenzofuran target analytes are evaluated using the initial calibration criteria of RSD ≤ 20% for the 17 unlabeled PCDDs/PCDFs relative to the internal standard and ≤ 30% for the nine labeled internal standards relative to the recovery standards. For calibration verifications, the criteria includes a %D ≤ 20% for the 17 unlabeled standards and ≤ 30% for the nine labeled standards. Relative ion abundance criteria and instrument sensitivity criteria specified in EPA method 8290A must be met. Instrument sensitivity criteria must be met.</p>
<p>Pesticides Calibration Evaluation</p>	<p>Pesticide target analytes are evaluated using the criteria of 25% RSD for alpha BHC/delta BHC, 30%RSD for toxaphene. 30% RSD for surrogates and 20 %RSD for the remaining target analytes or correlation coefficient of 0.990 for initial calibration curves.</p> <p>Calibration verifications are evaluated using a criterion of 20 %D for the target analytes. ICV recoveries are evaluated using laboratory control limits if available or 70 to 130%.</p>
<p>Herbicides Calibration Evaluation</p>	<p>Herbicide target analytes are evaluated using the criteria of 20 %RSD or correlation coefficient of 0.990 for initial calibration curves.</p> <p>Calibration verifications are evaluated using a criterion of 20 %D for the target analytes. ICV recoveries are evaluated using laboratory control limits if available or 70 to 130%.</p>
<p>Associating samples with Field and Laboratory QC Samples</p>	<p>Trip blanks are associated with samples in the same sample cooler.</p> <p>Equipment blanks (rinsate blanks) are associated with samples collected in the same day (or sampling event) using the same sample collection equipment and decontamination solutions. When sampling equipment or decontamination solutions are changed, a new equipment blank should be collected. Each sample should be associated with one equipment blank, which is collected as close to the sample</p>

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	<p>collection date/time as possible. Use professional judgment.</p> <p>Field blanks are associated with the sample containers used to collect samples. When sampling container lots are changed, a new field blank should be collected.</p> <p>Method blanks are associated with samples prepared at the same time (if preparation is required) or analyzed in the same analytical batch as the samples. Method blanks should reflect the sample matrix type (aqueous, low level solid, medium level solid).</p> <p>LCSs are associated with samples prepared at the same time (if preparation is required) or analyzed in the same analytical batch as the samples.</p> <p>MS/MSD and laboratory duplicate samples are collected in the field. The laboratory must prepare using project samples. MS/MSDs and laboratory duplicates are associated with samples prepared at the same time or close to the same time (if preparation is required) with the same matrix type.</p> <p>Field duplicates are collected in the field and are associated with samples of the same matrix type.</p> <p>In the case that insufficient QC samples are provided due to field or laboratory problems, use professional judgment to associate each sample with a QC sample that reflects the sample matrix and analysis conditions. If insufficient QC samples are available to properly associate samples, record the impact in the DV notes.</p>
Evaluation and Action for MS/MSD, LCS, Surrogate and Laboratory Duplicate Data for VOCs and SVOCs	<p>The laboratory control limit (CL) is used to assess MS/MSD, LCS, surrogate and laboratory duplicate data. Refer to Region II guidelines if laboratory control limits are not available.</p> <p>In the case that excursions are identified in more than one quality control sample of the same matrix within one sample delivery group, samples are batched according to sample preparation or analysis date and qualified accordingly (see batching description above).</p> <p>If percent recoveries are less than laboratory CLs but greater than 10%, non-detected and detected results are qualified as approximate (UJ, J).</p> <p>If percent recoveries are greater than laboratory CLs, detected results are qualified as approximate (J).</p> <p>If percent recoveries are less than 10%, detected results are qualified as approximate (J) and non-detected results are qualified as <u>rejected</u> (R).</p> <p>If RPDs for MSDs or laboratory duplicates are outside of laboratory CLs, detected results are qualified as approximate (J). Non-detected results may not be qualified, applying professional judgment.</p>
Evaluation of MS/MSD, Surrogate, and Field Duplicate Data for VOCs and SVOCs	<p>Qualification is performed only when both MS and MSD recoveries are outside of laboratory CLs.</p> <p>Organic data are <u>rejected</u> (R) in the case that both MS/MSD recoveries are less than 10%.</p> <p>Qualification is not performed if MS/MSD or surrogate recoveries are outside of laboratory CLs with an analysis that applied a dilution factor of 10 times or more, applying professional judgment.</p> <p>Qualification of data associated with MS/MSD or field duplicate excursions is limited to the un-spiked sample or the field duplicate pair, respectively.</p> <p>Field duplicate data are evaluated against relative percent difference (RPD) criteria of less than 50% for aqueous samples and less than 100% for soils when results are greater than or equal to five times the QL. When a field duplicate result is less than five times the QL, a control limit of plus or minus two times the QL (difference criterion) is applied. If RPDs or differences are outside of criterion, detected and non-detected results are qualified as approximate (UJ, J) to indicate minor excursions.</p>
Evaluation and Actions for Blank Results for VOC, SVOC, Pesticides, Herbicides and PCB Data	<p>Blanks are not qualified due to contamination of another blank.</p> <p>Sample results qualified as non-detected (U) are treated as hits when qualifying for surrogate or calibration excursions.</p> <p>The following approach is utilized for applying qualifiers, using twice the quantitation limit (QL) for methylene chloride, 2-butanone and acetone:</p> <ol style="list-style-type: none"> For blank results less than the QL, samples with concentrations less than the QL are reported at the QL and qualified as non-detected (U). Samples with concentrations greater than or equal to the QL are not qualified or may apply the Blank Rule Option. For blank results greater than the QL, samples with concentrations less than the QL are reported at the QL and qualified as non-detected (U). Samples with concentrations greater than or equal to the QL and less than the blank contamination level are reported and qualified as non-detected (U). Samples with concentrations greater than or equal to the QL and greater than or equal to the blank contamination level are not qualified or may apply the Blank Rule Option. For blank results equal to the QL, sample concentrations less than the QL are reported at the QL value and qualified as non-detected (U). Samples greater than or equal to the QL are not qualified or may apply the Blank Rule Option.

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	<p>4. For gross contamination in blanks (saturated peaks, interference peaks, poor baselines), all associated sample detected results are <u>rejected</u> (R) or qualified as non-detected (U) using professional judgment.</p> <p>Blank Rule Option: If methylene chloride, acetone or 2-butanone is detected in the sample at a concentration that is less than ten times the concentration in the associated blank, the sample result is qualified as "U". If other target analytes are detected in the sample at a concentration that is less than five times the concentration detected in the associated blank, the sample result is qualified as "U".</p>
<p>Evaluation and Actions for Surrogate Data for PCB, Pesticides and Herbicides</p>	<p>The following approach is utilized for applying qualifiers when both surrogate recoveries from the primary column are outside of laboratory CLs (also considering confirmation column results):</p> <ol style="list-style-type: none"> 1. Detected result associated with recovery of greater than upper laboratory CLs is qualified as approximate (J). Non-detected result is not qualified. 2. Detected result associated with recovery of greater than or equal to 10% but less than the lower laboratory CL is qualified as approximate (J). Non-detected result is qualified as approximate (UJ). 3. Detected result associated with recoveries of less than 10% is qualified as approximate (J). Non-detected result is <u>rejected</u> (R). 4. If the sample was diluted using a dilution factor of 10 times or more, detected and non-detected results are not qualified since the surrogate concentration is diluted, using professional judgment. 5. If the retention times of the surrogates are outside of the laboratory retention time window, associated sample results are qualified as approximate (UJ, J) or <u>rejected</u> (R), using professional judgment.
<p>Evaluation of LCS Data for PCB, Pesticides and Herbicides</p>	<p>The following approach is utilized for applying qualifiers when one LCS result (including all primary and confirmation column results) is outside of laboratory CLs for recovery:</p> <ol style="list-style-type: none"> 1. Detected result associated with recovery of greater than upper laboratory CL is qualified as approximate (J). Non-detected result is not qualified. 2. Detected result associated with recovery of less than lower laboratory CL is qualified as approximate (J). 3. Non-detected result associated with a recovery of less than 10% is <u>rejected</u> (R).
<p>Evaluation of MS/MSD Data for PCB, Pesticides and Herbicides</p>	<p>The following approach is utilized for applying qualifiers when both MS and MSD results are outside of laboratory CLs for recovery or RPD criteria:</p> <ol style="list-style-type: none"> 1. Detected result associated with recoveries of greater than or equal to 10% is qualified as approximate (J). Non-detected result is qualified as approximate (UJ). 2. Detected result associated with recoveries of greater than the upper laboratory CL and outside of RPD criterion is qualified as approximate (J). Non-detected result is not qualified. 3. Detected result associated with recoveries of less than 10% is qualified as approximate (J). Non-detected result is <u>rejected</u> (R).
<p>Evaluation of Dual Column Results for Pesticide, Herbicides and PCB Data</p>	<p>%D value, calculated for the positive results from the primary and confirmation chromatographic columns, is defined as the difference between the columns divided by the primary column, times 100.</p> <p>The following approach is utilized for applying qualifiers:</p> <ol style="list-style-type: none"> 1. For detected result greater than the method detection limit (MDL) and less than the QL, with a %D greater than 50, replace result with the QL and qualify as non-detected (U). 2. For detected result greater than the QL with a %D greater than 25: <ol style="list-style-type: none"> a. With a %D of 26 to 70, result is qualified as approximate (J). b. With a %D of 71 to 100, result is qualified as approximate and tentative (JN). c. With a %D greater than 100 without evidence of interference, result is <u>rejected</u> (R) or qualified as non-detected (U), applying professional judgment. d. With a %D greater than 100 with evidence of interference, result is qualified as approximate (JN).
<p>Evaluation of MS/MSD, Surrogate, and Field Duplicate Data for VOCs and SVOCs</p>	<p>Qualification is performed only when both MS and MSD recoveries are outside of laboratory CLs.</p> <p>Organic data are <u>rejected</u> (R) in the case that both MS/MSD recoveries are less than 10%.</p> <p>Qualification is not performed if MS/MSD or surrogate recoveries are outside of laboratory CLs with an analysis that applied a dilution factor of 10 times or more, applying professional judgment.</p> <p>Qualification of data associated with MS/MSD or field duplicate excursions is limited to the un-spiked sample or the field duplicate pair, respectively.</p> <p>Field duplicate data are evaluated against relative percent difference (RPD) criteria of less than 50% for</p>

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	aqueous samples and less than 100% for soils when results are greater than or equal to five times the QL. When a field duplicate result is less than five times the QL, a control limit of plus or minus two times the QL (difference criterion) is applied. If RPDs or differences are outside of criterion, detected and non-detected results are qualified as approximate (UJ, J) to indicate minor excursions.
Evaluation of Internal Standards for VOCs and SVOCs	Internal standard recoveries are evaluated using control limits of from 50% of the lower standard area to 100% of the upper standard area of the associated calibration verification standard. The results associated with internal standard area recoveries 25% or greater but less than 50% are qualified as approximate (J, UJ). Non-detected results associated with internal standard area recoveries less than 25% are <u>rejected</u> (R), using professional judgment.
Metals, Mercury, and Inorganic MS/MSD, Laboratory/Field Duplicate, and Serial Dilution	Qualification of sample results associated with MS/MSD, laboratory duplicate and field duplicate excursions is performed on samples for the same matrix, within the same preparation batch, within the same SDG group. [Region II only qualifies the Field Duplicate and associated sample.]
Evaluation of LCS Data for Metals, Mercury, and Inorganics	To apply qualifiers if LCS result is outside of laboratory CLs or 80% to 120%: Aqueous sample: <ol style="list-style-type: none"> 1. Detected and non-detected result associated with a recovery of less than 50% is <u>rejected</u> (R). 2. Detected result associated with recovery between 50% and 79% is qualified as approximate (J). Non-detected result is qualified as approximate (UJ). 3. Detected result associated with recoveries of between 121% and 150% is qualified as approximate (J). 4. Detected result associated with recoveries of greater than 150% is <u>rejected</u> (R), applying professional judgment. Soil sample: <ol style="list-style-type: none"> 1. Detected result associated with recovery greater than the upper CL is qualified as approximate (J). 2. Detected result associated with recovery less than the lower CL is qualified as approximate (J) and non-detected result is qualified as approximate (UJ). 3. Detected and non-detected result associated with a recovery of less than 10% is <u>rejected</u> (R).
Evaluation of MS/MSD Data for Metals, Mercury, and Inorganics	To apply qualifiers if either MS or MSD result is outside of laboratory CL or 75% to 125%: Aqueous sample: <ol style="list-style-type: none"> 1. Detected and non-detected result associated with a recovery of less than 30% is <u>rejected</u> (R). 2. Detected result associated with recoveries between 30% and 74% is qualified as approximate (J). Non-detected result is qualified as approximate (UJ). 3. Detected result associated with recoveries of between 126% and 150% is qualified as approximate (J). 4. Detected result associated with recoveries of greater than 150% is <u>rejected</u> (R) or qualified as approximate (J) applying professional judgment. Soil sample: <ol style="list-style-type: none"> 1. Detected and non-detected result associated with a recovery of less than 10% is <u>rejected</u> (R). 2. Detected result associated with recovery of between 10% and 74% is qualified as approximate (J). Non-detected result is qualified as approximate (UJ). 3. Detected result associated with recoveries of between 126% and 200% is qualified as approximate (J). 4. Detected result associated with recoveries of greater than 200% is <u>rejected</u> (R) or qualified as approximate (J) applying professional judgment.
Evaluation of Laboratory Duplicate and Field Duplicate for Metals, Mercury, and Inorganics	To apply qualifiers if laboratory duplicate results are outside of RPD or difference criteria: Aqueous sample with sample and duplicate values <u>both</u> greater than or equal to 5 times the QL: <ul style="list-style-type: none"> • Detected result greater than or equal to the QL, associated with an RPD of greater than 20 is qualified as approximate (J). Aqueous sample when <u>either detected</u> sample or duplicate value is less than 5 times the QL: <ul style="list-style-type: none"> • Detected results with absolute difference greater than the QL are qualified as approximate (J). Non-detected results are qualified as approximate (UJ). Soil sample for sample and duplicate values <u>both</u> greater than or equal to 5 times the QL: <ul style="list-style-type: none"> • Detected result greater than or equal to the QL associated with an RPD of greater than or equal to 35 is qualified as approximate (J). Soil sample when <u>either detected</u> sample or duplicate value is less than 5 times the QL: <ul style="list-style-type: none"> • Sample results with absolute difference greater than 2 times the QL are qualified as approximate (J). Non-detected results are qualified as approximate (UJ).

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Evaluation of Metals, Mercury, and Inorganic Blank Data	For calibration blanks and preparation blanks at concentrations greater than laboratory MDLs but less than or equal to QLs: <ul style="list-style-type: none"> Concentration in the associated samples of greater than or equal to the MDLs but less than or equal to QLs are revised to the QL level and qualified as non-detected (U).
	For calibration blanks, preparation blanks and field blanks at concentrations greater than laboratory QLs: <ol style="list-style-type: none"> Concentration in the associated samples of greater than the blank concentration and less than ten times the blank concentration are qualified as approximate (J). Concentrations in the associated samples of greater than or equal to the MDLs but less than or equal to QLs are revised to the QL level and are qualified as non-detected (U). Concentration in the associated samples of greater than the QLs and less than the blank concentration are <u>rejected</u> (R) or qualified as non-detected (U), applying professional judgment.
	For calibration blanks and preparation blanks at concentrations less than the negative value of the QLs: <ol style="list-style-type: none"> Concentrations in the associated samples of less than 10 times the QLs are qualified as approximate (J). Non-detected concentrations in the associated samples are qualified as approximate (UJ).
Evaluation of Serial Dilution Data	<p>Serial dilution results are evaluated for data with initial sample concentrations that are greater than 50 times the MDL.</p> <p>If the percent difference is greater than 10%, associated sample results greater than or equal to the MDL are qualified as approximate (J).</p> <p>If the percent difference is greater than or equal to 100%, associated sample results greater than or equal to the MDL are <u>rejected</u> (R).</p>
Source: O'Brien & Gere	

*Appendix C -
Laboratory QA/QC Analyses
Approach*

APPENDIX C - Laboratory QA/QC analyses definitions.	
QA/QC Term	Definition
Quantitation limit	The level above which numerical results may be obtained with a specified degree of confidence; the minimum concentration of an analyte in a specific matrix that can be identified and quantified above the method detection limit and within specified limits of precision and bias during routine analytical operating conditions.
Method detection limit	The minimum concentration of an analyte that undergoes preparation similar to the environmental samples and can be reported with a stated level of confidence that the analyte concentration is greater than zero.
Instrument detection limit	The lowest concentration of a metal target analyte that, when directly inputted and processed on a specific analytical instrument, produces a signal/response that is statistically distinct from the signal/response arising from equipment "noise" alone.
Gas chromatography/mass spectrometry (GC/MS) instrument performance check	Performed to verify mass resolution, identification, and to some degree, instrument sensitivity. These criteria are not sample specific; conformance is determined using standard materials.
Calibration	Compliance requirements for satisfactory instrument calibration are established to verify that the instrument is capable of producing acceptable quantitative data. Initial calibration demonstrates that the instrument is capable of acceptable performance at the beginning of analysis and calibration verifications document satisfactory maintenance and adjustment of the instrument on a day-to-day basis.
Relative response factor	A measure of the relative mass spectral response of an analyte compared to its internal standard. Relative response factors are determined by analysis of standards and are used in the calculation of concentrations of analytes in samples.
Relative standard deviation	The standard deviation divided by the mean; a unit-free measure of variability.
Correlation coefficient	A measure of the strength of the relationship between two variables.
Relative percent difference	Used to compare two values; the relative percent difference is based on the mean of the two values, and is reported as an absolute value (<i>i.e.</i> , always expressed as a positive number or zero).
Percent difference	Used to compare two values; the percent difference indicates both the direction and the magnitude of the comparison (<i>i.e.</i> , the percent difference may be either negative, positive, or zero).
Percent recovery	The act of determining whether or not the methodology measures all of the target analytes contained in a sample.
Calibration blank	Consists of acids and reagent water used to prepare metal samples for analysis. This type of blank is analyzed to evaluate whether contamination is occurring during the preparation and analysis of the sample.
Method blank	A water or soil blank that undergoes the preparation procedures applied to a sample (<i>i.e.</i> , extraction, digestion, clean-up, <i>etc.</i>). These samples are analyzed to examine whether sample preparation, clean-up, and analysis techniques result in sample contamination.
Field/equipment	Collected and submitted for laboratory analysis, where appropriate. Field/equipment blanks are handled in the same manner as environmental samples. Equipment/field blanks are analyzed to assess contamination introduced during field sampling procedures.
Trip blank	Consist of samples of analyte-free water that have undergone shipment from the sampling site to the laboratory in coolers with the environmental samples submitted for volatile organic compound (VOC) analysis. Trip blanks will be analyzed for VOCs to determine if contamination has taken place during sample handling and/or shipment. Trip blanks will be utilized at a frequency of one each per cooler sent to the laboratory for VOC analysis.
Internal standards performance	Compounds not found in environmental samples which are spiked into samples and quality control samples at the time of sample preparation for organic analyses. Internal standards must meet retention time and recovery criteria specified in the analytical method. Internal standards are used as the basis for quantitation of the target analytes.
Surrogate recovery	Compounds similar in nature to the target analytes but not expected to be detected in the environmental media which are spiked into environmental samples, blanks, and quality control samples prior to sample preparation for organic analyses. Surrogates are used to evaluate analytical efficiency by measuring recovery.
Laboratory control sample Matrix spike blank analyses	Standard solutions that consist of known concentrations of the target analytes spiked into laboratory analyte-free water or sand. They are prepared or purchased from a certified manufacturer from a source independent from the calibration standards to provide an independent verification of the calibration procedure. They are prepared and analyzed following the same procedures employed for environmental sample analysis to assess method accuracy independently of sample matrix effects.

APPENDIX C - Laboratory QA/QC analyses definitions.

Laboratory duplicate	Two or more representative portions taken from one homogeneous sample by the analyst and analyzed in the same laboratory.
Matrix	The material of which the sample is composed or the substrate containing the analyte of interest, such as drinking water, waste water, air, soil/sediment, and biological material.
Matrix spike (MS)	An aliquot of a matrix (water or soil) fortified (spiked) with known quantities of specific target analytes and subjected to the entire analytical procedure in order to indicate the appropriateness of the method for the matrix by measuring recovery.
Matrix spike duplicate (MSD)	A second aliquot of the same matrix as the matrix spike that is spiked in order to determine the precision of the method.
Retention time	The time a target analyte is retained on a GC column before elution. The identification of a target analyte is dependent on a target compound's retention time falling within the specified retention time window established for that compound.
Relative retention time	The ratio of the retention time of a compound to that of a standard.
Source: O'Brien & Gere	

2012 Data Validation Report

2012 DATA VALIDATION REPORT

**Hydrogeologic Investigation to Support Groundwater
Monitoring at the Sediment Containment Area
Camillus, New York**

Honeywell

August 2014

 **O'BRIEN & GERE**

Hydrogeologic Investigation to Support Groundwater Monitoring at the Sediment Containment Area

Camillus, New York

Prepared for:

Honeywell



MICHAEL S. KOZAR, P.G., VICE PRESIDENT
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EXECUTIVE SUMMARY

This report presents the results of data validation performed for groundwater samples collected as part of the Sediment Consolidation Area (SCA) Hydrogeologic Investigation. The SCA is located on Wastebed 13 in the Town of Camillus, New York. O'Brien & Gere conducted sample collection activities in March 2012, May 2012, July 2012, and November 2012 and December 2012.

The environmental samples collected for these investigations were submitted to Accutest Laboratories (Accutest) of Dayton, New Jersey.

The following analyses were performed for this investigation: volatile organic compounds (VOCs), high resolution mercury, metals, total cyanide, total phenol, hexavalent chromium, sulfate, chloride, bromide, ammonia, nitrate, nitrite, biochemical oxygen demand (BOD), chemical oxygen demand (COD), total organic carbon (TOC), total dissolved solids (TDS), alkalinity (total, bicarbonate, and carbonate), total hardness, and total Kjeldahl nitrogen (TKN).

Analytical data were evaluated by O'Brien & Gere using the quality assurance/quality control (QA/QC) criteria listed in the following document, the methods applied by the laboratories and professional judgment:

- O'Brien & Gere. 2011. Quality Assurance Project Plan (QAPP). Honeywell Syracuse Portfolio, Site Investigations, Camillus, Geddes, and Syracuse, New York. Syracuse, New York.

Data affected by excursions from the QA/QC criteria were qualified based on USEPA Region II validation guidelines listed in the QAPP and professional judgment.

Overall, considering the complete data set, greater than 95% of the data were usable for quantitative and quantitative purposes.

1. INTRODUCTION

1.1. PURPOSE OF REPORT

The purpose of the report is to present the results of data validation performed for groundwater samples collected as part of the Sediment Consolidation Area (SCA) Hydrogeologic Investigation located in the Town of Camillus, New York. O'Brien & Gere conducted sample collection activities in March 2012, May 2012, July 2012, and November 2012 and December 2012.

The list of samples that were submitted to the laboratories for this project is presented in **Appendix A**. **Appendix B** presents the specific data validation approach applied to data generated for this investigation. **Appendix C** presents the laboratory quality assurance/quality control (QA/QC) analyses definitions.

1.2. DATA VALIDATION PROTOCOL

1.2.1. Data Validation Overview

Validation is a process of evaluating the suitability of a measurement system for providing usable analytical data. Data validation is essentially a three-step process in which the QA/QC information for the analytical data is first compared to a series of QA/QC criteria. Based on the results of this comparison, the analytical data are then assigned qualifiers, which provide an indication of data usability. Finally, an overall evaluation of data usability is performed. The manner by which these three steps were completed for this project is described in the following sections.

1.2.2. Comparison to QA/QC Criteria

The analytical data generated for this investigation were evaluated by O'Brien & Gere using the QA/QC criteria established in methods utilized by the laboratories and professional judgment. In addition, the general QA/QC guidance, with the exception of detection limits, provided in the following document were used to evaluate data.

- O'Brien & Gere. 2011. Quality Assurance Project Plan (QAPP). Honeywell Syracuse Portfolio, Site Investigations, Camillus, Geddes, and Syracuse, New York. Syracuse, New York.

A full review of QA/QC information was performed for 10% of the samples in the data set, consisting of a review of data summary forms and raw analytical data that were provided in the deliverables data packages. Partial review of QA/QC information was performed for the remaining environmental samples. Partial review consisted of a review of the data summary forms as presented in the data packages as described below. Supportive raw analytical data were not reviewed in the partial data validation effort and the summary forms were assumed to be accurate.

The following QA/QC information was included in the review for organic and inorganic analyses for full and partial validation (where applicable).

- QAPP compliance
- Chain-of-custody records
- Sample collection and sample preservation
- Holding times
- Gas chromatography/mass spectrometry (GC/MS) tuning criteria
- Calibration (supportive data for full validation only)
- Blank analysis
- Surrogate recovery
- Matrix spike/matrix spike duplicate (MS/MSD) analysis
- Laboratory duplicate analysis
- Field duplicate analysis

- Laboratory control sample (LCS) analysis
- Inductively coupled plasma (ICP) interference check sample analysis
- ICP serial dilution analysis
- Internal standards performance
- Target analyte identification, quantitation, and quantitation limits (QLs; full validation only)
- Documentation completeness

1.2.3. General Guidance Used for Assignment of Qualifiers

Data affected by excursions from the QA/QC criteria previously described were qualified based on guidance provided in the following documents (where applicable) and professional judgment.

- USEPA. 2006a. USEPA Region II Evaluation of Metals Data for the CLP Program, SOP HW-2 Revision 13. Reviewed 2009. Albany, New York.
- USEPA. 2008a. USEPA Region II Validating Volatile Organic Compounds by SW-846 Method 8260B, SOP HW-24 Revision 2. Reviewed 2009. Albany, New York.

The following qualifiers are used in this type of data validation:

- "R" Indicates that the quantitation limit (QL) or sample result has been identified as unusable due to a major deficiency in the data generation process. The data were rejected and should not be used for any qualitative or quantitative purposes.
- "U" Indicates that the analyte was not detected and the sample QL is presented. This qualifier is also used to signify blank excursions.
- "J" Indicates that the concentration should be considered approximate. This qualifier is used when the data validation process identifies a deficiency in the data generation process.
- "UJ" Indicates that the analyte was analyzed for and was not detected; however, the sample QL is presented and should be considered approximate. This qualifier is used when the data validation process identifies a deficiency in the data generation process.
- "JN" Indicates that there is presumptive evidence that the analyte is present, but it has not been confirmed due to column confirmation excursions.

The data quality evaluation results in only one type of qualifier for each analyte; in a case when several qualifiers are applicable to the same analyte, the cumulative effect of the various QA/QC excursions is employed in assigning the final data qualifiers. For example, if a sample result is affected by low surrogate recovery, for which the "UJ" qualifier is applied, but low MS/MSD recoveries result in the rejection of the sample result (application of the "R" qualifier), the final data qualifier is the "R" qualifier. QA/QC excursions that do not result in the qualification of an analyte are not discussed, with the exception of those excursions that provide useful information to the Project Manager.

The specific approach utilized during this data validation is presented in **Appendix B** of this report.

1.2.4. Data Usability Evaluation

Based on the QA/QC information review and the qualifiers assigned to the analytical data, an overall evaluation of data usability is performed. Data usability is defined as the percentage of laboratory reported data that remains unqualified or is qualified as approximate or non-detected due to blank excursions, divided by the data reported by the laboratory times 100. The percentage usability excludes the data rejected due to major QA/QC excursions. The non-usable data are defined as the percentage of the data qualified as rejected divided by the data reported by the laboratory times 100. The data usability is provided for each type of analysis performed for this investigation.

The data usability evaluation considers the data parameters of precision, sensitivity, accuracy, representativeness, comparability, and completeness, which are described as follows.

- Precision is evaluated through the review of field duplicate samples, laboratory duplicates, and MS/MSD samples
- Sensitivity is evaluated through the review of QLs
- Accuracy is evaluated through the review of MS/MSD samples, LCS recoveries, calibration, ICP interference check analysis, and ICP serial dilutions
- Representativeness is evaluated through the review of holding times, sample preservation and preparation, blank analysis and target analyte quantification
- Comparability is evaluated through the review of the analytical methods and reporting procedures for consistency
- Completeness is defined as the overall percentage of sample results that are identified as usable

1.2.5. Analytical Methods

The environmental samples collected for these investigations were submitted to Accutest Laboratories (Accutest) of Dayton, New Jersey.

The following analyses were performed for this investigation: volatile organic compounds (VOCs), high resolution mercury, metals, total cyanide, total phenol, hexavalent chromium, sulfate, chloride, bromide, ammonia, nitrate, nitrite, biochemical oxygen demand (BOD), chemical oxygen demand (COD), total organic carbon (TOC), total dissolved solids (TDS), alkalinity (total, bicarbonate, and carbonate), total hardness, and total Kjeldahl nitrogen (TKN).

Table 1 below lists the methods utilized for sample preparation and analyses for this investigation.

Table 1 - Analytical Method Reference		
Parameter	Method	Reference
Volatile Organic Compounds	USEPA Methods 5030B, 8260B	1
Total Organic Carbon	SM20 5310B, USEPA Method 9060	3, 1
Hexavalent Chromium	USEPA Method 7199	1
Metals	USEPA Methods 3010A, 6010C	1, 2
High Resolution Mercury	USEPA Method 1631E	7
Total Cyanide	USEPA Method 335.4	5
Ammonia	SM20 4500 NH3-G	3
Total Hardness	SM19 2340C	4
Total Dissolved Solids	USEPA Method SM20 2540C	3
Alkalinity (Total, Bicarbonate, Carbonate)	USEPA Method SM20 2320B, 4500CO2D	3, 3
Bromide, Chloride, Sulfate	USEPA Methods 300.0, 9056	6,1
Total Phenols	USEPA Method 420.4	5
Biochemical Oxygen Demand	SM20 5210B	3
Chemical Oxygen Demand	SM20 5220C	3
Total Kjeldahl Nitrogen	USEPA Method 351.2	5
Nitrate-Nitrite	USEPA Method 353.2	5
Nitrate	USEPA Method 353.2, SM20 4500NO2B	5, 3
Nitrite	USEPA Method 353.2, SM19 4500 NO2B	5, 4

Table 1 - Analytical Method Reference

Parameter	Method	Reference
Note:		
<ol style="list-style-type: none"> 1. USEPA. 2004. <i>Test Methods for Evaluating Solid Waste: Physical/Chemical Methods, SW-846</i>, 3rd Edition, Update IIIB. Washington D.C. 2. USEPA. 2007. <i>Test Methods for Evaluating Solid Waste: Physical/Chemical Methods, SW-846</i>, 3rd Edition, Update IV. Washington D.C. 3. AWWA, APHA and WEF. 1998. <i>Standard Methods for the Examination of Water and Wastewater</i>, 20th Edition. Washington, D.C. 4. AWWA, APHA and WEF. 1995. <i>Standard Methods for the Examination of Water and Wastewater</i>, 19th Edition. Washington, D.C. 5. USEPA. 1983. <i>Methods for Chemical Analysis of Water and Wastes</i>, EPA-600/4-79-020. Cincinnati, Ohio. 6. USEPA. 1993. <i>Methods for the Determination of Inorganic Substances in Environmental Samples</i>, EPA-600/R-93/100. Washington, D.C. 7. USEPA. 2002. <i>Method 1631, Revision E: Mercury in Water by Oxidation, Purge and Trap, and Cold Vapor Atomic Fluorescence Spectrometry</i>. EPA-821-R-02-019. Washington, D.C. 		

The following sections of this document address specific aspects of the validation process. Specific QA/QC excursions and qualifications performed on the sample data are discussed in Section 2. Data completeness and usability are discussed in Section 3.

2. DATA QUALITY EVALUATION

2.1. COMPARISON TO QA/QC CRITERIA

This section presents the results of the comparison of the analytical data to the QA/QC criteria specified in Section 1.2 and the qualifiers assigned to the data when the QA/QC criteria were not met. Samples that required qualifiers are described in the following sections and are identified by the field identification documented on the sample chain-of-custody records.

Chain-of-Custody Records

Minor documentation excursions were identified on the following chain-of-custody records for samples shipped from the field location to Accutest.

- For samples collected on 3/12/12, 3/13/12, 3/15/12, 3/16/12, 3/18/12, 3/20/12, 3/21/12, 3/22/12, 5/7/12, 5/8/12, 5/9/12, 5/10/12, 5/11/12, 5/14/12, 5/15/12, 5/16/12, 7/11/12, 7/12/12, 7/13/12, 11/26/12, 11/27/12, 11/28/12, 11/29/12, 11/30/12, 12/3/12, 12/4/12, 12/5/12 and 12/6/12, the year and some of the dates of the sample transfers were not properly documented on the records.

Sample Collection Issues

- Although listed on the chain-of-custody record, the sample container for VOCs in SCA-0041-07(TB) collected on 3/20/12 was not received by the laboratory.
- Although listed on the chain-of-custody record, the sample container for VOCs in sample SCA-0042-05 collected on 3/21/12 was not received by the laboratory.

Documentation Completeness

Supplemental and missing information was requested and provided by the laboratories during the validation process. This information was necessary to complete the validation process and report the data accurately.

2.2. VOC ANALYSIS

2.2.1 Criteria

The following QA/QC parameters were found to meet validation criteria or did not require additional comments.

- QAPP compliance
- Sample preservation
- Holding times
- GC/MS tuning criteria
- Surrogate recovery
- Field duplicate analysis
- LCS analysis
- Internal standards performance
- Target analyte identification

Deviations from QA/QC criteria presented in Section 1.2 that resulted in qualified data and additional observations are summarized below.

Calibration

Results for target analytes were outside of the calibration validation criteria. The samples qualified as approximate (U, J) for minor accuracy excursions are summarized in the following table.

Table 2 - Calibration Excursions for VOC Analyses

Calibration IDs	Analyte	Excursions	Affected Sample Results	Action
4B- CCV 3/19/2012 1112	Bromomethane	36 %D	SCA-0035-03, 04, 07 (TB)	UJ
4B- CCV 3/21/2012 1124	Bromomethane	35 %D	SCA-0035-01, 02	UJ
4B- CCV 3/20/2012 1044	Bromomethane Chloroethane	45 %D 21 %D	SCA-0036-02, 03, 04, 06 (TB), 07 (EB)	UJ
4B- CCV 3/22/2012 1141	Vinyl acetate 2-Hexanone	22 %D 23 %D	SCA-0036-01, 05	UJ
4B- CCV 3/20/2012 2230	Bromomethane Carbon disulfide	25 %D 24 %D	SCA-0038-01, 02, 03, 04, 05 (FD) [04], 06 (TB)	UJ
4B- CCV 3/23/2012 1100	Bromomethane	27 %D	SCA-0039-01, 04, 05 (TB)	UJ
4B- CCV 3/24/2012 0725	Bromomethane Chloroethane	43 %D 31 %D	SCA-0039-02, 03 SCA-0041-01, 02, 03, 06 SCA-0042-02, 03, 04 (FD) [03], 06 (TB), 07 (EB)	UJ
4B- CCV 3/27/2012	Bromomethane Chloroethane	43 %D 30 %D	SCA-0042-01	UJ
3B- CCV 3/30/2012 2231	Trans-1,4-dichloro-2-butene	41 %D	SCA-0043-01, 02, 03, 04, 06	UJ
3B- CCV 4/4/2012 1104	Trans-1,4-dichloro-2-butene	25 %D	SCA-0043-05(TB)	UJ
4B- CCV 5/9/2012 1135	Bromomethane	21 %D	SCA-0044-02, 03, 04, 07 (TB)	UJ
4B- CCV 5/15/2012 2315	Bromomethane Chloroethane Acetone 2-Butanone Acrylonitrile	44 %D 21 %D 23 %D 25 %D 22 %D	SCA-0047-01, 02, 03, 04, 06 (TB)	UJ
4B- CCV 5/12/2012 0844	Bromomethane Chloroethane	24 %D 27 %D	SCA-0046-08 (TB), 09 (EB)	UJ
4B- CCV 5/16/2012 2245	Bromomethane Chloroethane	47 %D 21 %D	SCA-0046-01, 04, 05, 06 (FD) [05], 07	UJ
4B- CCV 5/18/2012 2213	Bromomethane	37 %D	SCA-0051-01, 03, 04, 05 (TB)	UJ
4B- CCV 5/18/2012 2213	Acetone	31 %D	SCA-0051- 03, 04, 05 (TB)	UJ
4B- CCV 5/21/2012 0953	Bromomethane	24 %D	SCA-0051-02	UJ
4B- CCV 5/14/2012 1047	Acrylonitrile	25 %D	SCA-0045-05	UJ
4B- CCV 5/15/2012 0947	Trans-1,4-dichloro-2-butene	21 %D	SCA-0045-01, 02, 03, 04, 06 (TB)	UJ
4B- CCV 5/18/2012 1957	Acetone	25 %D	SCA-0048-01, 02, 03, 04, 05, 06, 07 (TB) SCA-0049-01, 02, 03, 04, 05, 06 (TB)	UJ
2B- CCV 7/17/2012 1035	Acetone	29 %D	SCA-0053-01, 02 SCA-0054-01, 02, 03, 04, 06, 07 (TB)	UJ
2B- CCV 7/17/2012 2151	Chloromethane	21 %D	SCA-0053-03, 04, 05, 06 (TB)	UJ
2B- CCV 7/21/2012 0852	Acetone	25 %D	SCA-0055-01,(EB), 02, 03, 04, 05, 07, 08, 10 (TB)	UJ
2C- CCV 7/24/2012 0937	Acetone	23 %D	SCA-0054-05 SCA-0055-06, 09	UJ
3B- CCV 12/7/12 1011	Trichlorofluoromethane	31 %D	SCA-0059-01, 06(TB)	UJ
3B- CCV 12/8/12 0933	Trichlorofluoromethane	26 %D	SCA-0060-01, 02, 05, 06, 07 (EB), 08, 09, 10 (TB) SCA-0063-01, 02, 03, 04, 05 (TB)	UJ
4B- CCV 12/8/12 0918	Trichlorofluoromethane Bromomethane	37 %D 23 %D	SCA-0061-01, 02, 03, 05 (TB)	UJ
4B- CCV 12/11/12 1008	Trichlorofluoromethane	31 %D	SCA-0061-04 SCA-0065-01, 02 (FD) [01], 03, 04, 05, 06 (TB)	UJ
4B- CCV 12/7/12 2311	Acrylonitrile Vinyl acetate	24 %D 21 %D	SCA-0062-01, 02, 03, 04, 07 (TB)	UJ
3B- CCV 12/10/12 0907	Trichlorofluoromethane	24 %D	SCA-0064-01, 02, 03, 04, 05 (EB), 06 (TB)	UJ

Table 2 - Calibration Excursions for VOC Analyses

Calibration IDs	Analyte	Excursions	Affected Sample Results	Action
3B- CCV 12/15/12 0923	Trichlorofluoromethane	40 %D	SCA-0066-01, 04	UJ
	Bromomethane	24 %D		
	Chloroethane	25 %D		
3B- CCV 12/19/12 1956	Trichlorofluoromethane	24 %D	SCA-0066-02, 03, 05 (TB)	UJ
	1,2,3-Trichloropropane	21 %D		
Note: CCV indicates continuous calibration verification. %D indicates percent deviation EB indicates equipment blank FD indicates field duplicate TB indicates trip blank				

Blank Analysis

A trip blank was not provided with the VOC samples collected on 3/20/12. Therefore, the potential for contamination due to sample shipment could not be evaluated for this sampling event.

MS/MSD Analysis

The percent recoveries for target analytes in MS/MSD analyses were outside of the laboratory control limits. The samples qualified as approximate (J) for minor accuracy excursions are summarized in the following table.

Table 3 - MS/MSD Excursions for VOC Analyses

MS/MSD IDs	Analyte	Excursions	Affected Sample Results	Action
SCA-0064-03	Chlorobenzene	59 %R, 57 %R	SCA-0064-03	J
SCA-0054-03	Chlorobenzene	46 %R, 38 %R	SCA-0054-03	J
Note: MS/MSD indicates matrix spike/matrix spike duplicate %R indicates percent recovery				

Target Analyte Quantitation and QLs

Results for VOCs with concentrations greater than the MDL but less than the QL were qualified as approximate (J) by the laboratory. The “J” qualifiers were retained during the validation process to indicate that these concentrations are approximate.

Dilutions were performed for VOC samples due to high concentrations of target analytes and matrix interference.

2.3. METALS, TOC, HEXAVALENT CHROMIUM, MERCURY, HIGH RESOLUTION MERCURY, TOTAL CYANIDE, AMMONIA, TOTAL HARDNESS, TDS, ALKALINITY (TOTAL, BICARBONATE, AND CARBONATE), BROMIDE, CHLORIDE, SULFATE, TOTAL PHENOLS, BOD, COD, TKN, NITRATE/NITRITE, AND NITRITE EVALUATION

2.3.1 Criteria

The following QA/QC parameters were found to meet validation criteria or did not require additional comments.

- QAPP compliance
- Sample preservation
- Calibration
- LCS analysis
- ICP interference check sample analysis

■ Internal standards performance

Deviations from QA/QC criteria presented in Section 1.2 that resulted in qualified data and additional observations are summarized below.

Holding Times

Samples submitted for TDS analysis were analyzed outside of the validation holding time criterion. The samples qualified as approximate (J) for minor representativeness excursions are summarized in the following table.

Table 4 - Holding Time Excursions for TDS Analyses				
Sample IDs	Analyte	Excursion	Affected Sample Results	Action
SCA-0038-01, 02, 03, 04, 05 (FD) [04] SCA-0039-01, 02, 03, 04	TDS	Outside of the 7 day analysis holding time	SCA-0038-01, 02, 03, 04, 5(FD) [04] SCA-0039-01, 02, 03, 04	J

Blank Analysis

Target analytes were detected in blanks analyzed for metals and inorganic analysis for this investigation. The samples qualified as non-detected (U) or approximate (J) for minor representativeness excursions or rejected (R) for major representativeness excursions are summarized in the following table.

Table 5 - Blank Excursions for Metal and Inorganic Analyses				
Blank ID	Analyte	Detected Concentration	Affected Sample Results	Action
MB GP63791	Total phenol	0.035 mg/L	SCA-0036-01, 02, 03, 04, 05 SCA-0037-01, 02, 03, 04, 05, 07 SCA-0038-01, 02, 03, 04, 05 (FD) [04]	U
MB GP63864	Total phenol	0.078 mg/L	SCA-0039-01, 02, 03, 04 SCA-0040-01, 02, 03, 04 SCA-0041-02, 03, 06 SCA-0042-01, 02, 03, 04 (FD) [03] SCA-0043-01, 02, 03	U
CCB 3/29/12-3/30/12	TOC	0.25 mg/L	SCA-0042-03, 04 (FD) [03]	U
MB MP63298	Aluminum	16.7 µg/L	SCA-0035-01, 02	U
	Boron	3.4 µg/L	SCA-0035-01, 02, 03	U
	Cadmium	0.4 µg/L	SCA-0035-01, 02, 04	U
	Cobalt	0.7 µg/L	SCA-0035-02	U
	Copper	1.6 µg/L	SCA-0035-01, 02, 03, 04	U
	Nickel	2.4 µg/L	SCA-0035-01, 02, 03, 04	U
	Vanadium	1.4 µg/L	SCA-0035-01	U
	Selenium	2.2 µg/L	SCA-0035-03, 04	U
MB MP63309	Thallium	0.9 µg/L	SCA-0035-03	U
	Arsenic	1.4 µg/L	SCA-0036-04	U
	Aluminum	13.7 µg/L	SCA-0036-01	U
	Boron	2.4 µg/L	SCA-0036-01, 02, 03	U
MB MP63319	Iron	22.6 µg/L	SCA-0036-05	U
	Aluminum	45.8 µg/L	SCA-0037-01, 02, 05	U
	Boron	3.0 µg/L	SCA-0037-01, 02, 03, 04, 07	U
	Cobalt	1.0 µg/L	SCA-0037-01, 02, 03, 04, 05, 075	U
	Copper	1.3 µg/L	SCA-0037-01, 02, 03, 04, 07, 05	U

Table 5 - Blank Excursions for Metal and Inorganic Analyses

Blank ID	Analyte	Detected Concentration	Affected Sample Results	Action
MB MP63319 (cont'd)	Nickel	0.7 µg/L	SCA-0037-02, 03, 04, 05	U
	Silver	0.6 µg/L	SCA-0037-01, 02, 03, 04, 07	U
	Cadmium	0.6 µg/L	SCA-0037-02, 07	U
	Vanadium	1.0 µg/L	SCA-0037-02, 03, 04, 07	U
MB MP63341	Beryllium	0.6 µg/L	SCA-0038-01 SCA-0039-02	U
	Boron	2.6 µg/L	SCA-0038-01, 04, 05 (FD) [04] SCA-0039-01, 02	U
	Cadmium	0.4 µg/L	SCA-0038-01, 04, 05 (FD) [04] SCA-0039-01, 04	U
	Vanadium	0.7 µg/L	SCA-0038-01, 02, 03, 04, 05 (FD) [04] SCA-0039-01, 02, 03	U
	Copper	1.7 µg/L	SCA-0038-01, 02, 03, 04, 05 (FD) [04] SCA-0039-01, 02, 04	U
MB MP63371	Beryllium	0.6 µg/L	SCA-0040-01	U
	Boron	2.0 µg/L	SCA-0040-01, 04	U
	Chromium	1.0 µg/L	SCA-0040-04	U
	Cobalt	0.8 µg/L	SCA-0040-01, 02, 03	U
	Copper	1.9 µg/L	SCA-0040-01, 02, 04	U
	Nickel	0.8 µg/L	SCA-0040-01	U
	Selenium	2.5 µg/L	SCA-0040-02, 03, 04	U
	Vanadium	1.0 µg/L	SCA-0040-02, 03	U
MB MP63371	Aluminum	9.9 µg/L	SCA-0040-02	U
	Boron	2.4 µg/L	SCA-0041-03	U
	Beryllium	0.6 µg/L	SCA-0041-01	U
	Copper	1.9 µg/L	SCA-0041-01, 02, 03	U
	Nickel	0.8 µg/L	SCA-0041-01, 02, 03	U
	Vanadium	1.0 µg/L	SCA-0041-01, 02, 03	U
	Aluminum	9.9 µg/L	SCA-0041-06	U
	Cobalt	0.6 µg/L	SCA-0041-06	U
MB MP63462	Selenium	2.4 µg/L	SCA-0041-01, 03, 06	U
	Cadmium	0.2 µg/L	SCA-0042-01, 02, 03, 04 (FD) [03]	U
MB MP63462	Iron	12.7 µg/L	SCA-0042-01	U
	Cadmium	0.2 µg/L	SCA-0043-01, 02, 03, 04, 06	U
MB MP63642	Iron	12.7 µg/L	SCA-0043-01, 03, 04	U
	Cobalt	0.3 µg/L	SCA-0043-01, 03, 04	U
	Sodium	5510 µg/L	SCA-0035-01	J
SCA-0036-07 (EB)	Zinc	17.6 µg/L	SCA-0035-04 SCA-0036-04 SCA-0038-02, 03, 04, 05 (FD) [04] SCA-0039-02, 03, 04	J
	Zinc	17.6 µg/L	SCA-0035-03 SCA-0036-03, 05 SCA-0037-02	U

Table 5 - Blank Excursions for Metal and Inorganic Analyses

Blank ID	Analyte	Detected Concentration	Affected Sample Results	Action
SCA-0036-07 (EB)	Zinc	17.6 µg/L	SCA-0038-01 SCA-0039-01 SCA-0035-01, 02 SCA-0036-01, 02 SCA-0037-01, 03, 04, 07	R
SCA-0042-07 (EB)	Zinc	15.4 µg/L	SCA-0040-01, 02, 03 SCA-0041-01, 02, 03, 06 SCA-0042-04 (FD) [03] SCA-0043-03, 06	J
SCA-0042-07 (EB)	Zinc	15.4 µg/L	SCA-0042-02, 03 SCA-0043-02, 04	R
CCB12-13 MA28620	Cadmium	0.5 µg/L	SCA-0044-03	U
	Aluminum	28.5 µg/L	SCA-0044-01	U
	Arsenic	1.5 µg/L	SCA-0044-03	U
	Vanadium	1.3 µg/L	SCA-0044-01, 03	U
CCB8-9 MA28625	Arsenic	2.2 µg/L	SCA-0044-02	U
	Aluminum	17.9 µg/L	SCA-0044-02, 04	U
MB GM66549	TKN	0.16 mg/L	SCA-0044-01	U
CCB14-15 MA28620	Arsenic	1.5 µg/L	SCA-0045-01	U
	Cadmium	0.5 µg/L	SCA-0045-02	U
CCB9-10 MA28625	Aluminum	18.6 µg/L	SCA-0045-02, 03, 04	U
	Arsenic	1.6 µg/L	SCA-0045-02, 03	U
MB GP64852	Total Phenol	0.047 mg/L	SCA-0045-01, 02, 03, 04, 05 SCA-0046-01, 02, 03, 04, 05, 06 (FD) [05], 07	U
CCB6-9 MA28660	Arsenic	1.7 µg/L	SCA-0046-07	U
MB MP64370	Aluminum	16.9 µg/L	SCA-0046-03, 05, 06 (FD) [05], 07	U
	Antimony	1.4 µg/L	SCA-0046-01, 02, 05	U
	Cadmium	1.1 µg/L	SCA-0046-01, 02, 05, 06 (FD) [05]	U
	Cadmium	1.1 µg/L	SCA-0046-03, 07	J
MB MP64370	Cadmium	1.1 µg/L	SCA-0046-04	R
MB MP64370	Cobalt	1.0 µg/L	SCA-0046-02, 06 (FD) [05]	U
	Nickel	1.0 µg/L	SCA-0046-01, 04, 05, 06 (FD) [05], 07	U
	Vanadium	0.9 µg/L	SCA-0046-01	U
CCB 6-7 MA28647	Cobalt	0.8 µg/L	SCA-0047-01, 02, 05	U
	Vanadium	0.9 µg/L	SCA-0047-01, 02, 05	U
CCB 15-16 MA28647	Arsenic	1.3 µg/L	SCA-0047-03, 04	U
MB MP64419	Zinc	3.9 µg/L	SCA-0047-03, 04	U
MB MP64399	Mercury	0.25 ng/L	SCA-0047-03	U
MB GP64925	TKN	0.09 mg/L	SCA-0048-03	U
MB GP64913	Total Phenol	0.046 mg/L	SCA-0047-01, 02, 03, 04, 05 SCA-0048-01, 02, 03, 04, 05, 06	U
CCB5 5/17/12	TOC	0.45 mg/L	SCA-0047-04	U
CCB10-11 MA28675	Aluminum	92.1 µg/L	SCA-0048-06	U
MB GN66094	BOD	0.46 mg/L	SCA-0048-01, 02, 03, 04, 05	U

Table 5 - Blank Excursions for Metal and Inorganic Analyses

Blank ID	Analyte	Detected Concentration	Affected Sample Results	Action
MB GP64970	Total Phenol	0.048 mg/L	SCA-0049-01, 02, 03, 04, 05 SCA-0050-01, 02, 03, 04, 05 (FD) [04] SCA-0051-01, 02, 03, 04	U
CCB12-13 MA28675	Arsenic	1.6 µg/L	SCA-0050-01	U
	Cobalt	0.7 µg/L	SCA-0050-01	U
CCB4-6 MA28689	Thallium	1.9 µg/L	SCA-0051-01	U
MB MP64516	Boron	1.8 µg/L	SCA-0051-01, 02, 03, 04	U
CCBS GN66940	TKN	0.11 mg/L	SCA-0051-03, 04	U
SCA-0046-09 (EB)	Mercury	0.78 ng/L	SCA-0047-03	U
	Mercury	0.78 ng/L	SCA-0044-01, 02, 03, 04 SCA-0045-01, 02, 03, 04, 05 SCA-0046-01, 02, 03, 05, 06 (FD) [05], 07 SCA-0047-01, 02, 04, 05 SCA-0048-01, 02, 03, 04, 05	J
SCA-0046-09 (EB)	Mercury	0.78 ng/L	SCA-0046-04 SCA-0048-06	R
SCA-0046-09 (EB)	Zinc	19.3 µg/L	SCA-0044-04 SCA-0045-03 SCA-0047-03 04	U
	Zinc	19.3 µg/L	SCA-0045-02, 04 SCA-0048-01	J
SCA-0046-09 (EB)	Zinc	19.3 µg/L	SCA-0044-01, 03 SCA-0045-01 SCA-0046-01, 02, 03, 05, 06 (FD) [05] SCA-0047-01, 02, 05 SCA-0048-02, 03, 04, 05, 06	R
SCA-0050-07 (EB)	Chromium	26.4 µg/L	SCA-0049-05 SCA-0050-02, 03, 04 SCA-0051-03, 04	U
SCA-0050-07 (EB)	Chromium	26.4 µg/L	SCA-0049-01, 02, 03, 04 SCA-0050-05 (FD) [04] SCA-0051-01, 02	R
	Zinc	19.0 µg/L	SCA-0050-01	U
	Zinc	19.0 µg/L	SCA-0049-01, 02, 03, 04, 05 SCA-0050-02, 04, 05 (FD) [04]	J
SCA-0050-07 (EB)	Zinc	19.0 µg/L	SCA-0050-03 SCA-0051-01, 02, 03, 04	R
	Mercury	1.3 ng/L	SCA-0049-01, 02, 03, 04 SCA-0050-02, 03, 04, 05 (FD) [04] SCA-0051-04	J
SCA-0050-07 (EB)	Mercury	1.3 ng/L	SCA-0049-05 SCA-0051-03	R
	TOC	2.2 mg/L	SCA-0050-02, 03, 04, 05 (FD) [04] SCA0051-03	U
	TOC	2.2 mg/L	SCA-0051-01 SCA-0051-02	J
SCA-0050-07 (EB)	TOC	2.2 mg/L	SCA-0049-01, 02, 03, 05 SCA-0051-04	R
CCBS8-10 MA29001	Nickel	1.9 µg/L	SCA-0053-02, 05	U
	Zinc	10.8 µg/L	SCA-0053-05	U
MB MP65505	Iron	55 µg/L	SCA-0053-05	U
MB GP65913	Total Phenol	0.018 mg/L	SCA-0053-01, 02, 03, 04, 05 SCA-0052-01, 02, 04, 07, 08 (FD) [07]	U

Table 5 - Blank Excursions for Metal and Inorganic Analyses

Blank ID	Analyte	Detected Concentration	Affected Sample Results	Action
CCB3-4 MA29006	Chromium	1.6 µg/L	SCA-0052-01, 04	U
	Copper	1.4 µg/L	SCA-0052-02, 04	U
	Nickel	1.4 µg/L	SCA-0052-01, 02, 04	U
	Vanadium	1.3 µg/L	SCA-0052-02	U
CCB4-5 MA29014	Cadmium	0.7 µg/L	SCA-0052-07, 08 (FD) [07]	U
	Cobalt	0.6 µg/L	SCA-0052-03, 07, 08 (FD) [07]	U
	Thallium	2.2 µg/L	SCA-0052-03	U
MB MP65480	Boron	1.9 µg/L	SCA-0052-01, 02, 04, 07, 08 (FD) [07]	U
CCB2 GN69271	TKN	0.089 mg/L	SCA-0052-02	U
CCB3 GN69229	TOC	0.32 mg/L	SCA-0052-03	U
MB MA29045	Arsenic	1.2 µg/L	SCA-0054-05	U
MB MP65526	Boron	4.8 µg/L	SCA-0054-02, 03, 04, 06	U
	Zinc	2.8 µg/L	SCA-0054-03, 05, 06	U
CCBS MA29004	Mercury	0.23 ng/L	SCA-0055-07, 09	U
CCBS MA29014	Antimony	2.1 µg/L	SCA-0055-05	U
	Arsenic	1.3 µg/L	SCA-0055-05	U
	Cadmium	1.0 µg/L	SCA-0055-08, 09	U
	Cobalt	1.2 µg/L	SCA-0055-02, 03, 04, 05, 08, 09	U
	Nickel	1.2 µg/L	SCA-0055-02, 03, 04, 05	U
	Vanadium	1.5 µg/L	SCA-0055-08	U
MB MP65537	Copper	1.6 µg/L	SCA-0055-02, 03, 04, 05, 06, 07, 08	U
MB MP65563	Antimony	1.6 µg/L	SCA-0056-08	U
	Chromium	1.4 µg/L	SCA-0056-08	U
	Copper	1.3 µg/L	SCA-0056-01, 04, 05, 06, 08, 09	U
	Nickel	1.3 µg/L	SCA-0056-01, 04, 06, 08, 09	U
CCB5 MA29026	Boron	2.0 µg/L	SCA-0056-07	U
MB MP65603	Boron	5.2 µg/L	SCA-0057-01, 02, 03, 05, 06, 07 (FD) [06], 08, 09	U
	Iron	39.9 µg/L	SCA-0057-03, 08	U
MB GP66072	Total Phenol	0.049 mg/L	SCA-0057-01, 02, 03, 04, 05, 06, 07 (FD) [06], 08, 09	U
SCA-0055-01 (EB)	TOC	1.9 mg/L	SCA-0052-02, 07, 08 (FD) [07] SCA-0053-05 SCA-0054-01, 02, 03, 04, 06 SCA-0055-02, 03, 04, 08	R
SCA-0055-01 (EB)	TOC	1.9 mg/L	SCA-0052-01, SCA-0053-01, 02, 03, SCA-0055-05, 06, 09	J
	TOC	1.9 mg/L	SCA-0052-03,04 SCA-0053-04 SCA-0054-05 SCA-0055-07	U
SCA-0057-10 (EB)	Nitrate/ Nitrite	0.13 mg/L	SCA-0056-01, 08, 09 SCA-0057-02	J
	Nitrate/ Nitrite	0.13 mg/L	SCA-0056-06, 07 SCA-0057-03, 04, 05, 06	U

Table 5 - Blank Excursions for Metal and Inorganic Analyses

Blank ID	Analyte	Detected Concentration	Affected Sample Results	Action
SCA-0057-10 (EB)	TOC	3.3 mg/L	SCA-0056-01, 05, 06, 08 SCA-0057-01, 02, 06, 07 (FD) [06], 08, 09	R
SCA-0057-10 (EB)	TOC	3.3 mg/L	SCA-0056-04 SCA-0057-04	U
	TOC	3.3 mg/L	SCA-0056-07 SCA-0057-03, 05	J
MB MP68251	Boron	6.6 µg/L	SCA-0058-01, 02 (FD) [01], 04, 05	U
	Cadmium	0.3 µg/L	SCA-0058-01, 02 (FD) [01], 03	U
CCBS 8-9 MA29982	Arsenic	1.3 µg/L	SCA-0058-03	U
CCBS 8-9 MA29982	Lead	1.9 µg/L	SCA-0058-02 (FD) [01], 03	U
CCBS 4-6 MA30003	Boron	2.7 µg/L	SCA-0059-01, 02, 03, 04, 06	U
CCB 3 MA30030	Arsenic	1.1 µg/L	SCA-0059-05	U
CCB 2 12/3/12	TKN	0.19mg/L	SCA-0059-03	U
CCBS 19-20 MA29980	Arsenic	1.6 µg/L	SCA-0060-01	U
CCB 17 MA29991	Cadmium	0.50 µg/L	SCA-0060-01, 02	U
CCBS 6-7 MA30037	Cadmium	0.40 µg/L	SCA-0060-06, 08, 09	U
MB MP68649	Total Phenol	0.032 mg/L	SCA-0058-01, 02 (FD) [01], 03, 04, 05	U
MB MP68268	Copper	1.3 µg/L	SCA-0059-01, 02, 03, 04, 05	U
MB MP68282	Boron	1.7 µg/L	SCA-0060-01, 02, 06, 08	U
	Copper	2.6 µg/L	SCA-0060-01, 02, 05, 06, 08	U
MB GP68781	TOC	0.37 mg/L	SCA-0060-05 SCA-0061-04	U
MB MP68309 12/6/12	Boron	5.8 µg/L	SCA-0061-01, 03	U
	Copper	4.0 µg/L	SCA-0061-01, 04	U
CCBS 3-4MA30003	Cadmium	0.80 µg/L	SCA-0061-04	U
CCBS 9-10 MA20017	Cadmium	0.30 µg/L	SCA-0062-01, 02	U
CCBS 11-12 MA30027	Antimony	1.5 µg/L	SCA-0062-03, 04	U
CCBS 11-12 MA30027	Boron	2.9 µg/L	SCA-0062-03	U
CCBS 11-12 MA30027	Cadmium	0.40 µg/L	SCA-0062-03, 04	U
CCBS 11-12 MA30027	Copper	2.4 µg/L	SCA-0062-03, 04	U
CCB 4-5 12/10/12	TOC	0.26 mg/L	SCA-0062-01, 04	U
CCBS 13-14 MA30065	Arsenic	1.6 µg/L	SCA-0063-02	U
MB GP68997	Total Phenol	0.038 mg/L	SCA-0063-01, 02, 03, 04 SCA-0064-01, 02, 03, 04 SCA-0065-01, 02, 03, 04, 05 SCA-0066-01, 02, 03	U
MB MP68462	Mercury	0.31 ng/L	SCA-0064-01 SCA-0065-03	U
CCB 7 MA30067	Cadmium	0.50 µg/L	SCA-0064-01, 02, 03, 04	U
CCB 7 MA30067	Boron	2.1 µg/L	SCA-0064-02, 03, 04	U
MB MP68504	Boron	12.0 µg/L	SCA-0065-03	U
MB MP68493	Boron	22 µg/L	SCA-0066-01, 03	U
CCBS 4-5 MA30078	Cadmium	0.30 µg/L	SCA-0066-04	U

Table 5 - Blank Excursions for Metal and Inorganic Analyses

Blank ID	Analyte	Detected Concentration	Affected Sample Results	Action
SCA-0064-05 (EB)	Nickel	11.3 µg/L	SCA-0063-02, 03, 04 SCA-0064-01,03 SCA-0065-01, 02 (FD) [01], 03, 04, 05 SCA-0066-02, 04	U
	Nickel	11.3 µg/L	SCA-0064-04	J
MB indicates method blank CCB indicates continuing calibration blank EB indicates equipment blank				

MS/MSD and Laboratory Duplicate Analysis

The results for target analytes in MS/MSD and laboratory duplicate pairs were outside of the validation criterion for accuracy and precision. The samples qualified as approximate (UJ, J) for minor accuracy or precision excursions or rejected (R) for major accuracy excursions are summarized in the following table.

Table 6 - MS/MSD/Lab Duplicate Excursions for Metal and Inorganic Analyses

MS/MSD ID	Analyte	Excursions	Affected Sample Results	Action
SCA-0035-04	Aluminum	168 %R, 141 %R	SCA-0035-01, 02, 04 SCA-0036-01, 02, 03, 04 SCA-0037-01, 02, 03, 04, 05, 07	J
	Cadmium	132 %R	SCA-0035-01, 02, 04 SCA-0036-02, 05 SCA-0037-02, 05, 07	J
	Chromium	134 %R, 135 %R	SCA-0035-01, 02, 04 SCA-0036-01, 02, 03, 04 SCA-0037-01, 05, 07	J
	Silver	140 %R	SCA-0035-01, 02, 03, 04 SCA-0036-02, 03 SCA-0037-01, 02, 03, 04, 07	J
	Zinc	0 %R, 0 %R	SCA-0035-01, 02, 03, 04 SCA-0036-01, 02, 03, 04, 05 SCA-0037-01, 02, 03, 04, 07	J
SCA-0035-04	Hexavalent chromium	60 %R	SCA-0035-01, 02, 03, 04	UJ
	Total cyanide	26 %R	SCA-0035-01, 03, 04 SCA-0037-05	J
SCA-0035-04	Total cyanide	26 %R	SCA-0035-02 SCA-0037-01, 02, 03, 04, 07	R
SCA-0035-04	TKN	17 %R	SCA-0035-03, 04 SCA-0036-01, 02, 03, 04, 05	J
SCA-0035-04	TKN	17 %R	SCA-0035-01, 02	R
SCA-0036-04	Hexavalent chromium	0 %R	SCA-0036-01, 02, 03, 04, 05	R
SCA-0036-01	Total Cyanide	120 %R	SCA-0036-03	J
SCA-0036-01	Total Phenol	118 %R	SCA-0036-01, 02, 03, 04, 05 SCA-0038-01, 02, 03, 04, 05 (FD) [04] SCA-0037-01, 02, 03, 04, 05	J
SCA-0037-05	Hexavalent chromium	0 %R	SCA-0037-01, 03, 04, 05, 07	R
SCA-0037-05	Hexavalent chromium	0 %R	SCA-0037-02	J
SCA-0037-01	TKN	87 %R	SCA-0037-01, 02, 03, 04, 05, 07 SCA-0038-01, 02, 03, 04, 05 (FD) [04] SCA-0039-01, 02, 03, 04	J

Table 6 - MS/MSD/Lab Duplicate Excursions for Metal and Inorganic Analyses

MS/MSD ID	Analyte	Excursions	Affected Sample Results	Action
SCA-0038-04	Hexavalent chromium	0 %R	SCA-0038-01, 02, 03, 04	R
SCA-0039-02	Nitrate/Nitrite Nitrate	111 %R 111 %R	SCA-0039-01 SCA-0040-01	J
SCA-0040-01	Hexavalent chromium	84 %R	SCA-0040-01, 02, 03, 04	UJ
SCA-0041-03	TKN	0 %R	SCA-0041-01, 02, 03, 06 SCA-0040-01, 02, 03, 04	J
SCA-0044-04	Hexavalent chromium	59.4 %R	SCA-0044-01, 02, 03, 04	UJ, J
	Total Cyanide	69.6 %R	SCA-0044-01, 02, 03, 04	UJ, J
	Nitrate/Nitrite Nitrate	113.6 %R 113.6 %R	SCA-0044-01, 04 SCA-0045-01, 02, 03, 04, 05	J
	Total Phenol	132 %R	SCA-0044-01, 02	J
SCA-0045-03	Hexavalent chromium	0 %R	SCA-0045-01, 02, 03, 04, 05	R
SCA-0045-01	Total Cyanide	59 %R	SCA-0045-01, 02, 03, 04, 05 SCA-0046-01, 02, 03, 04, 05, 06 (FD) [05], 07	UJ, J
	Total Phenol	87 %R	SCA-0045-01, 02, 03, 04, 05	UJ
	TDS	11 RPD	SCA-0045-01, 02, 03, 04, 05	J
SCA-0046-03	Potassium	58 %R, 70 %R	SCA-0046-01, 02, 03, 04, 05, 06 (FD) [05], 07 SCA-0044-01, 02, 03, 04 SCA-0045-01, 02, 03, 04, 05 SCA-0047-01, 02, 03, 04, 05 SCA-0048-01, 02, 03, 04, 05, 06	J
	Iron	172 %R	SCA-0046-01, 02, 03, 04, 05, 06 (FD) [05], 07 SCA-0044-01, 02, 03, 04 SCA-0045-01, 02, 03, 04 SCA-0047-01, 2, 03, 04, 05 SCA-0048-01, 03, 04, 05, 06	J
SCA-0046-05	TDS	27 RPD	SCA-0046-01, 02, 03, 04, 05, 06 (FD) [05], 07	J
SCA-0047-01	Hexavalent chromium	8.8 %R	SCA-0047-01, 02, 03, 04	R
SCA-0047-01	Hexavalent chromium	8.8 %R	SCA-0047-05	J
	Nitrate/Nitrite Nitrate	113 %R 113 %R	SCA-0047-01, 05	J
SCA-0048-01	Nitrate/Nitrite Nitrate	120 %R 120 %R	SCA-0048-01, 02, 03, 04, 05	J
SCA-0049-02	TKN	71.7 %R	SCA-0047-01, 02, 03, 04 SCA-0048-01, 02, 03, 04, 05, 06 SCA-0049-01, 02, 03, 04, 05 SCA-0050-01, 02, 03, 04, 05 (FD) [04]	UJ, J
	Magnesium	66 %R	SCA-0049-01, 02, 03, 04, 05 SCA-0050-01, 02, 03, 04, 05 (FD) [04] SCA-0051-01, 02, 03, 04	J
	Manganese	56 %R	SCA-0049-01, 02, 03, 04, 05 SCA-0050-01, 02, 03, 04, 05 (FD) [04] SCA-0051-01, 02, 03, 04	J
	TDS	17 RPD	SCA-0049-01, 02, 03, 04, 05	J
	Total Hardness	58 %R	SCA-0049-01, 02, 03, 04, 05 SCA-0050-01, 02, 03, 04, 05 (FD) [04] SCA-0051-01, 02, 03, 04	J
SCA-0051-01	Nitrate/Nitrite	123 %R	SCA-0051-01	J
SCA-0051-01	Nitrate/Nitrite Nitrate	123 %R	SCA-0051-02, 03, 04	J
SCA-0053-01	Total Cyanide	80 %R	SCA-0053-01, 02, 03, 04, 05	UJ, J

Table 6 - MS/MSD/Lab Duplicate Excursions for Metal and Inorganic Analyses

MS/MSD ID	Analyte	Excursions	Affected Sample Results	Action
SCA-0052-03	Beryllium	74 %R	SCA-0052-01, 02, 03, 04, 07, 08 (FD) [07] SCA-0053-01, 02, 03, 04, 05	UJ
	Iron	71 %R	SCA-0052-01, 02, 03, 04, 07, 08 (FD) [07] SCA-0053-01, 02, 03, 04, 05	UJ, J
SCA-0052-03	Hexavalent chromium	0 %R	SCA-0052-01, 03, 04, 07, 08 (FD) [07]	R
SCA-0052-03	Hexavalent chromium	0 %R	SCA-0052-02	J
SCA-0052-03	Total Cyanide	54%R	SCA-0052-01, 02, 03, 04, 07, 08(FD) [07]	UJ
	TKN	0 %R, 59 RPD	SCA-0052-01, 02, 03, 04, 07, 08 (FD) [07] SCA-0053-01, 02, 03, 04, 05 SCA-0054-01, 02, 03, 04, 05, 06	J
SCA-0055-02	Nitrate/Nitrite Nitrate	117 %R 117 %R	SCA-0055-02, 03, 04, 05, 07	J
SCA-0056-01	Iron	130 %R, 136 %R	SCA-0056-01, 04, 05, 06, 08	J
	Magnesium	126 %R, 131 %R	SCA-0056-01, 04, 05, 06, 07, 08, 09	J
	Manganese	130 %R, 128 %R	SCA-0056-01, 04, 05, 06, 07, 08, 09	J
	Potassium	129 %R, 133 %R	SCA-0056-01, 04, 05, 06, 07, 08, 09	J
	TKN	125 %R	SCA-0056-01, 04, 05, 06, 07, 08 SCA-0055-02, 03, 05, 06, 07, 08, 09	J
SCA-0056-01	Hexavalent chromium	29 %R	SCA-0056-01, 04, 05, 06, 07, 08, 09	R
SCA-0057-01	TKN	72 %R	SCA-0057-01, 02, 03, 04, 05, 06, 07 (FD) [06], 08, 09	UJ, J
SCA-0058-01	Total Cyanide	84 %R	SCA-0058-01, 02 (FD) [01], 03, 04, 05 SCA-0059-01, 02, 03, 04, 05	UJ, J
SCA-0058-04	Total Phenol	80 %R	SCA-0058-01, 02 (FD) [01], 03, 04, 05	UJ
SCA-0059-01	Total Phenol	76 %R	SCA-0059-01, 02, 03, 04, 05	UJ, J
SCA-0060-03	Manganese	68 %R., 54 %R	SCA-0060-01, 02, 05, 06, 08, 09	UJ, J
	Magnesium	74.8 %R, 59 %R	SCA-0058-01, 02 (FD) [01], 03, 04, 05	
	Barium	61 %R	SCA-0059-01, 02, 03, 04, 05	
	Potassium	74 %R	SCA-0061-01, 02, 03, 04	
SCA-0060-03	Hexavalent chromium	0 %R	SCA-0060-01, 02, 05, 06, 08, 09	R
	Total Cyanide	73 %R	SCA-0060-01, 02, 05, 06, 08, 09	UJ
	Total Phenol	78 %R	SCA-0060-01, 02, 05, 06, 08, 09	UJ, J
SCA-0061-01	Hexavalent chromium	78 %R	SCA-0061-01, 02, 03, 04	UJ, J
	Total Cyanide	70 %R	SCA-0061-01, 02, 03, 04	UJ, J
SCA-0062-04	Total Cyanide	60 %R	SCA-0062-01, 02, 03, 04	UJ
SCA-0062-04	Hexavalent chromium	0 %R	SCA-0062-01, 02, 03, 04	R
SCA-0062-04	TKN	56 %R	SCA-0062-01, 02, 03, 04 SCA-0063-01, 02, 03, 04	J
SCA-0063-03	Nickel	71 %R, 68 %R	SCA-0063-01, 02, 03, 04 SCA-0064-01, 02, 03, 04 SCA-0065-01, 02 (FD) [01], 03, 04, 05 SCA-0066-01, 02, 03, 04	UJ, J
	Silver	133 %R	SCA-0063-01 SCA-0064-01, 02, 03, 04 SCA-0066-01, 02, 04	J
	Total Cyanide	67 %R	SCA-0063-01, 02, 03, 04 SCA-0064-01, 02, 03, 04 SCA-0066-01, 02, 04	UJ

Table 6 - MS/MSD/Lab Duplicate Excursions for Metal and Inorganic Analyses

MS/MSD ID	Analyte	Excursions	Affected Sample Results	Action
SCA-0063-01	Total Phenol	26 %R	SCA-0063-01, 02, 03, 04 SCA-0064-01, 02, 03, 04 SCA-0065-01, 02, 03, 04, 05 SCA-0066-01, 02,	UJ, J
SCA-0064-04	Hexavalent chromium	56 %R	SCA-0064-01, 02, 03, 04	UJ, J
SCA-0065-01	TDS	16 RPD	SCA-0065-01, 02, 03, 04, 05	J
	Hexavalent chromium	82 %R	SCA-0065-01, 02, 03, 04, 05	UJ, J
SCA-0066-01	TDS	20 RPD	SCA-0066-01, 02, 03, 04	J
SCA-0035-04	Silver	35 RPD	SCA-0035-01, 02, 03, 04 SCA-0036-02, 03 SCA-0037-01, 02, 03, 04, 07	J
Note: %R indicates percent recovery RPD indicates relative percent difference.				

ICP Serial Dilution Analysis

The results for serial dilution analyses were outside of the laboratory control limits. The samples qualified as approximate (J) for minor accuracy excursions are summarized in the following table.

Table 7 - ICP Serial Dilution Excursions for Metal Analyses

Serial dilution ID	Analyte	Excursions	Affected Samples	Action
SCA-0035-04	Boron	14 %D	SCA-0035-01, 02, 03, 04	J
	Iron	39 %D	SCA-0036-01, 02, 03, 04, 05	
	Potassium	18 %D	SCA-0037-01, 02, 03, 04, 05, 07	
SCA-0046-03	Boron	11 %D	SCA-0046-01, 02, 03, 04, 05, 06 (FD) [05], 07	J
	Iron	11 %D	SCA-0047-01, 02, 03, 04, 05 SCA-0048-01, 02, 03, 04, 05, 06	
	Aluminum	25 %D	SCA-0049-01, 02, 03, 05 SCA-0050-01 02, 03, 05(FD)[04] SCA-0051-01, 02	
SCA-0052-03	Magnesium	12 %D	SCA-0052-01, 02, 03, 04, 07, 08 (FD) [07]	J
	Sodium	17 %D	SCA-0053-01, 02, 03, 04, 05	
SCA-0054-01	boron	18%	SCA-0054-01, 05	J
SCA-0060-03	Calcium	17 %D	SCA-0060-01, 02, 05, 06, 08, 09 SCA-0058-01, 02 (FD) [01], 03, 04, 05 SCA-0059-01, 02, 03, 04, 05 SCA-0061-01, 02, 03, 04	J
Note: %D indicates percent difference				

Field Duplicate Analysis

The results for inorganics in field duplicate pairs were outside of the validation criterion for field duplicate analysis. The samples qualified as approximate (UJ, J) for minor precision excursions are summarized in the following table.

Table 8 - Field Duplicate Excursions for Inorganic Analyses				
Field Duplicate ID	Analyte	Excursion	Affected Sample Result	Action
SCA-0046-06 (FD) [SCA-0046-05]	Bicarbonate Alkalinity	118 RPD	SCA-0044-01, 02, 03, 04 SCA-0045-01, 02, 03, 04, 05 SCA-0046-01, 02, 03, 04, 05, 06 (FD) [05] SCA-0047-01, 02, 03, 04, 05 SCA-0048-01, 02, 03, 04, 05, 06	J
	Total Alkalinity	71 RPD	SCA-0044-01, 02, 03, 04 SCA-0045-01, 02, 03, 04, 05 SCA-0046-01, 02, 03, 04, 05, 06 (FD) [05], 07 SCA-0047-01, 02, 03, 04, 05 SCA-0048-01, 02, 03, 04, 05, 06	J
SCA-0058-02 (FD) [SCA-0058-01]	COD	76 RPD	SCA-0058-01, 02 (FD) [01], 03, 04, 05 SCA-0059-01, 02, 03, 04, 05 SCA-0060-01, 02, 05, 06, 08, 09 SCA-0061-01, 02, 03, 04	UJ, J
SCA-0065-02(FD) [SCA-0065-01]	TKN	Difference	SCA-0062-01, 02, 03, 04 SCA-0063-01, 02, 03, 04 SCA-0064-01, 02, 03, 04 SCA-0065-01, 02 (FD) [01], 03, 04, 05 SCA-0066-01, 02, 03, 04	UJ, J
Note: RPD indicates relative percent difference Difference indicates that the criterion of two times the QL for concentrations less than five times the QL was exceeded				

Target Analyte Quantitation and QLS

Results for metals and inorganics with concentrations greater than the MDL but less than the QL were qualified as approximate (J or B) by the laboratory. The “J” or “B” qualifiers were retained during the validation process to indicate that these concentrations are approximate.

Dilutions were performed for metals and inorganic analyses due to high concentrations of target analytes and matrix interference.

Results for bromide qualified as approximate (J) for matrix interference identified during analysis are summarized in the following table.

Table 9 - Bromide Matrix Interference Excursions	
Sample ID	Action
SCA-0036-01, 02, 03 SCA-0037-01, 02, 03, 04, 07 SCA-0039-01, 02, 03 SCA-0040-01, 02, 03 SCA-0041-01, 02, 03 SCA-0042-02, 03, 04 SCA-0043-01, 02, 03, 04, 06 SCA-0044-02, 03 SCA-0045-01 SCA-0046-01, 02, 03, 05, 06 (FD) [05] SCA-0047-01, 02, 03, 05 SCA-0048-01, 02, 03, 04, 05, 06 SCA-0049-01, 02, 03, 05 SCA-0050-01, 02, 03, 04, 05 (FD) [04] SCA-0051-01, 02, 03, 04 SCA-0055-02, 03, 04, 05, 06, 08 SCA-0056-01, 05, 07	J

Table 9 - Bromide Matrix Interference Excursions	
Sample ID	Action
SCA-0057-01, 06, 07(FD)[06], 08 SCA-0058-05 SCA-0059-02, 04, 05 SCA-0060-01, 02, 08, 09 SCA-0061-01, 02, 03 SCA-0063-02, 03,04 SCA-0064-01, 02, 03, 04 SCA-0065-01, 02, 05 SCA-0066-01, 02, 03	J

Results for TKN qualified as approximate (UJ, J) due to interferences identified during analysis which resulted in low TKN concentrations as compared to the ammonia concentrations are summarized in the following table.

Table 10 - TKN Concentration Excursions		
Sample ID	Target Analyte	Action
SCA-0035-02, 03, 04 SCA-0036-01, 02, 03, 04, 05 SCA-0039-03, 04 SCA-0041-06	TKN	J
SCA-0044-04 SCA-0052-03, 07, 08 (FD) [07] SCA-0053-04 SCA-0054-05 SCA-0055-03, 04, 05, 07, 08 SCA-0056-06 SCA-0057-05, 07 (FD) [06] SCA-0059-05 SCA-0061-01, 02, 03, 04 SCA-0062-04 SCA-0063-01 SCA-0065-01	TKN and Ammonia	J

The results for TDS qualified as approximate (J) for elevated solids concentration are summarized in the following table.

Table 11 - TDS Solid Excursions	
Sample ID	Action
SCA-0049-01, 05	J

Results for sulfate qualified as approximate (J) for matrix interference identified during analysis are summarized in the following table.

Table 12 - Sulfate Matrix Interference Excursions	
Sample ID	Action
SCA-0060-06 SCA-0062-03	J

3. SUMMARY AND DATA USABILITY

This section summarizes the analytical data in terms of its completeness and usability. Data completeness is defined as the percentage of sample results that have been identified as usable during the data validation process.

The samples collected as part of the SCA Hydrogeologic Investigation were evaluated based on QA/QC criteria established by the QAPP and the methods listed in Section 1.2. Data validation qualifiers were applied utilizing the USEPA data validation guidance as listed in Section 1.2. Major deficiencies in the data generation process resulted in results being rejected, indicating that the data is considered unusable for either quantitative or qualitative purposes. Minor deficiencies in the data generation process resulted in sample data being characterized as approximate or non-detected. Identification of a data point as approximate indicates uncertainty in the reported concentration of the chemical, but not its assigned identity.

3.1. REJECTED DATA

The following table summarizes the sample results that were rejected as a result of the data validation process that was performed on the data, based on method criteria, USEPA validation guidance, and professional judgment.

Target type and analyte	Sample Identification	Qualifier	Excursion
Zinc	SCA-0038-01 SCA-0039-01 SCA-0035-01, 02 SCA-0036-01, 02 SCA-0037-01, 03, 04, 07 SCA-0042-02, 03 SCA-0043-02, 04 SCA-0044-01, 03 SCA-0045-01 SCA-0046-01, 02, 03, 05, 06(FD)[05] SCA-0047-01, 02, 05 SCA-0048-02, 03, 04, 05, 06 SCA-0050-03 SCA-0051-01, 02, 03, 04	R	Major representativeness (blank) excursion
Cadmium	SCA-0046-04	R	Major representativeness (blank) excursion
Mercury	SCA-0046-04 SCA-0048-06 SCA-0049-05 SCA-0051-03	R	Major representativeness (blank) excursion
Chromium	SCA-0049-01, 02, 03, 04 SCA-0050-05(FD)[04] SCA-0051-01, 02	R	Major representativeness (blank) excursion
TOC	SCA-0049-01, 02, 03, 05 SCA-0051-04 SCA-0052-02, 07, 08(FD)[07] SCA-0053-05 SCA-0054-01, 02, 03, 04, 06 SCA-0055-02, 03, 04, 08 SCA-0056-01, 05, 06, 08 SCA-0057-01, 02, 06, 07(FD)[06], 08, 09	R	Major representativeness (blank) excursion
Total Cyanide	SCA-0035-02 SCA-0037-01, 02, 03, 04, 07	R	Major accuracy (MS/MSD) excursion
TKN	SCA-0035-01, 02	R	Major accuracy (MS/MSD) excursion

Table 13 - Summary of Rejected Sample Results

Target type and analyte	Sample Identification	Qualifier	Excursion
Hexavalent chromium	SCA-0036-01, 02, 03, 04, 05 SCA-0037-01, 03, 04, 05, 07 SCA-0038-01, 02, 03, 04 SCA-0045-01, 02, 03, 04, 05 SCA-0047-01, 02, 03, 04 SCA-0052-01, 03, 04, 07, 08(FD)[07] SCA-0056-01, 04, 05, 06, 07, 08, 09 SCA-0060-01, 02, 05, 06, 08, 09 SCA-0062-01, 02, 03, 04	R	Major accuracy (MS/MSD) excursion

A discussion of the overall data quality for the complete data set with regard to the quality parameters follows.

Precision: Data usability with respect to precision is 100%.

Sensitivity: Sensitivity is established by QLs, which represent measurable concentrations of analytes that can be quantified with a designated level of confidence and are less than the project action limits established for the project. Dilutions were performed in sample preparation, which elevated QLs reported for target analytes for this project.

Accuracy: Data usability with respect to accuracy is greater than 95%

Representativeness: Data usability with respect to representativeness is greater than 95%.

Comparability: Comparability is not compromised provided that the analytical methods did not change over time. A major component of comparability is the use of standard reference materials for calibration and QC. These standards are compared to other unknowns to verify their concentrations. Since standard analytical methods and reporting procedures were consistently used by the laboratory, the comparability criteria for the analytical data were met.

Completeness: Overall, considering the complete data set, greater than 95% of the data were usable for quantitative and quantitative purposes based on the data validation performed.

REFERENCES

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Appendices

*Appendix A -
Sample Cross Reference List*

Appendix A. Sample cross reference list

Laboratory	Date Collected	Laboratory ID	Client ID	Matrix	Analysis Requested
Accutest	12/5/2012	JB22957-3	SCA-0065-03	Groundwater	VOCs, Metals, Alkalinity, BOD, Bromide, COD, Chloride, Cr+6, CN, Hardness, Ammonia, Nitrate, Nitrite, TKN, Phenols, TDS, Sulfate, TOC
Accutest	12/5/2012	JB22957-4	SCA-0065-04	Groundwater	VOCs, Metals, Alkalinity, BOD, Bromide, COD, Chloride, Cr+6, CN, Hardness, Ammonia, Nitrate, Nitrite, TKN, Phenols, TDS, Sulfate, TOC
Accutest	12/5/2012	JB22957-5	SCA-0065-05	Groundwater	VOCs, Metals, Alkalinity, BOD, Bromide, COD, Chloride, Cr+6, CN, Hardness, Ammonia, Nitrate, Nitrite, TKN, Phenols, TDS, Sulfate, TOC
Accutest	12/5/2012	JB22957-6	SCA-0065-06 (TB)	Aqueous	VOCs
Accutest	12/6/2012	JB23065-1	SCA-0066-01	Groundwater	VOCs, Metals, Alkalinity, BOD, Bromide, COD, Chloride, Cr+6, CN, Hardness, Ammonia, Nitrate, Nitrite, TKN, Phenols, TDS, Sulfate, TOC
Accutest	12/6/2012	JB23065-2	SCA-0066-02	Groundwater	VOCs, Metals, Alkalinity, BOD, Bromide, COD, Chloride, Cr+6, CN, Hardness, Ammonia, Nitrate, Nitrite, TKN, Phenols, TDS, Sulfate, TOC
Accutest	12/6/2012	JB23065-3	SCA-0066-03	Groundwater	VOCs, Metals, Alkalinity, BOD, Bromide, COD, Chloride, Cr+6, CN, Hardness, Ammonia, Nitrate, Nitrite, TKN, Phenols, TDS, Sulfate, TOC
Accutest	12/6/2012	JB23065-4	SCA-0066-04	Groundwater	VOCs, Metals, Alkalinity, BOD, Bromide, COD, Chloride, Cr+6, CN, Hardness, Ammonia, Nitrate, Nitrite, TKN, Phenols, TDS, Sulfate, TOC
Accutest	12/6/2012	JB23065-5	SCA-0066-05 (TB)	Aqueous	VOCs

Notes:

Accutest indicates Accutest Laboratories of Dayton, New Jersey.
VOCs indicates volatile organic compounds.
Metals analysis includes high resolution mercury.
Alkalinity includes total, bicarbonate, and carbonate.
BOD indicates Biological Oxygen Demand.
COD indicates Chemical Oxygen Demand.
Cr+6 indicates hexavalent chromium.
TKN indicates Total Kjeldahl Nitrogen.
TDS indicates Total Dissolved Solids.
TOC indicates Total Organic Carbon.
EB indicates equipment blank.
TB indicates trip blank.
FD indicates field duplicate.
MS/MSD indicates matrix spike/ matrix spike duplicate.
The sample utilized for field duplicate location is listed in brackets.

*Appendix B -
Data Validation Approach*

APPENDIX B - O'Brien & Gere Data validation approach based on USEPA Region II Data validation guidelines for the following SW-846 analytical methods: VOCs (8260B), SVOCs (8270C/8270D), Pesticides (8081B), Herbicides (8151A), PCBs (8082A), Metals (6010B), High Resolution Mercury (1631), Cyanide (9012/9014), Dioxins/Dibenzofurans (8290A), PCB Congeners (1668B), and Inorganics by various methods

<p>General Validation Approach</p>	<p>The validation approach taken by O'Brien & Gere is a conservative one; qualifiers are applied to sample data to indicate both major and minor excursions so that data associated with any type of excursion are identified to the data user. Major excursions result in data being rejected (R), indicating that the data are considered unusable for either quantitative or qualitative purposes. Minor excursions result in sample data being qualified as approximate (J, UJ, JN) or non-detected (U) that is otherwise usable for quantitative or qualitative purposes.</p> <p>Excursions are subdivided into excursions that are within the laboratory's control and those that are out of the laboratory's control. Excursions involving laboratory control sample recovery, calibration response, method blank excursions, low or high spike recovery due to inaccurate spiking solutions or poor instrument response, holding times, interpretation errors, and quantitation errors are within the control of the laboratory. Excursions resulting from matrix spike recovery, serial dilution recovery, surrogate, and internal standard performance due to interference from the matrix of the samples are examples of those excursions that are not within the laboratory's control if the laboratory has followed proper method procedures, including performing appropriate cleanup techniques.</p>
<p>Applying professional judgment</p>	<p>USEPA data validation directs professional judgment to be used when applying qualifiers in some cases. When utilizing professional judgment, provide justification for actions taken in the associated validation notes.</p>
<p>Validation Parameter</p>	<p>O'Brien & Gere Data Validation Approach based on Region II guidelines for SW-846 methods, current as of November 2011. Since Region II guidelines available for metals apply only to the CLP method, only the general approach to applying qualifiers was utilized for metals and inorganics.</p>
<p>Validation Qualifiers - Organics</p>	<p>U - The analyte was analyzed for, but was not detected at a level greater than or equal to the level of the quantitation limit (QL).</p> <p>J - The analyte was positively identified and the associated numerical value is the approximate concentration of the analyte in the sample (due either to the quality of the data generated because certain quality control criteria were not met, or the concentration of the analyte was below the QL).</p> <p>NJ - The analysis indicates the presence of an analyte that has been "tentatively identified", and the associated numerical value represents its approximate concentration.</p> <p>UJ - The analyte was not detected at a level greater than or equal to the QL. However, the QL is approximate and may be inaccurate or imprecise.</p> <p>R - The sample results are unusable due to the quality of the data generated because certain criteria were not met. The analyte may or may not be present in the sample.</p> <p>EMPC - Estimated maximum possible concentration is characterized by a response with a signal to noise of at least 2.5 for both the quantitation ions but does not meet all the identification criteria specified in the method.</p>
<p>Cooler Temperature</p>	<p>Results for samples submitted for organic and inorganic analyses that are impacted by coolers that did not contain ice, or if the ice melted upon receipt and the cooler temperatures are greater than 10°C, are qualified as approximate (UJ, J).</p> <p>If samples are delivered to the laboratory the same day as sample collection and samples did not have sufficient time to reach 10°C, samples are not qualified unless proper preservation was not provided for samples between sample collection and sample receipt at the laboratory.</p> <p>Results for samples received at ambient temperature involved in extended shipment-day issues may be rejected, applying professional judgment.</p>
<p>Percent Solids</p>	<p>Results for samples submitted for organic and inorganic analyses that are impacted by percent solids of 50% or less are qualified as approximate (UJ, J).</p>
<p>Holding Time</p>	<p>Results for samples analyzed less than two times the holding time window established in the method or the QAPP for preparation and/or analysis are qualified as approximate (UJ, J).</p> <p>Non-detected results for samples analyzed greater than two times the holding time window for preparation and/or analysis are rejected (R).</p> <p>Detected results for samples analyzed greater than two times the holding time window for preparation and/or analysis are qualified as approximate (J).</p> <p>The entire sample target list for a VOC sample impacted by a holding time excursion is qualified.</p>

APPENDIX B - O'Brien & Gere Data validation approach based on USEPA Region II Data validation guidelines for the following SW-846 analytical methods: VOCs (8260B), SVOCs (8270C/8270D), Pesticides (8081B), Herbicides (8151A), PCBs (8082A), Metals (6010B), High Resolution Mercury (1631), Cyanide (9012/9014), Dioxins/Dibenzofurans (8290A), PCB Congeners (1668B), and Inorganics by various methods

<p>General Calibration Actions</p>	<p>Due to relative standard deviation (RSD) calibration excursions, detected results for analytes in samples associated with the calibration are qualified as approximate (J). Non-detected results associated with RSD excursions may be qualified as approximate (UJ) based on professional judgment.</p> <p>If the RSD calibration excursion is greater than 90, detected results for analytes in samples associated with the calibration are qualified as approximate (J) and non-detected results may be rejected (R), applying professional judgment.</p> <p>Due to %D calibration verification excursions, detected and non-detected results for analytes in samples associated with the calibration are qualified as approximate (J, UJ). The response direction and detection of target analytes in associated sample may be considered in applying qualifiers.</p> <p>For response factor excursions, detected results are qualified as approximate (J) and non-detected results are rejected (R).</p> <p>For initial calibration verifications (ICV) excursions, detected and non-detected results for analytes in samples associated with the calibration are qualified as approximate (J, UJ). The response direction and detection of target analytes in associated sample may be considered in applying qualifiers.</p>
<p>VOCs Calibration Evaluation</p>	<p>VOC target analytes are evaluated using the criteria of 15 percent relative standard deviation (%RSD) or correlation coefficient of 0.990 for initial calibration curves.</p> <p>Calibration verifications are evaluated using a criterion of 20 percent difference (%D) for target analytes.</p> <p>Initial calibrations and calibration verifications are also evaluated using the response factor (RF) criteria described in the method for system performance check compounds, a criterion of greater than or equal to 0.010 for ketones and alcohols, and a criterion of 0.05 for the remaining target analytes.</p> <p>ICV recoveries are evaluated using laboratory control limits if available or 70% to 130%.</p>
<p>SVOCs Calibration Evaluation</p>	<p>SVOC target analytes are evaluated using the criteria of 15 %RSD (<20 %RSD Method 8270D) or correlation coefficient of 0.990 for initial calibration curves.</p> <p>Calibration verifications are evaluated using a criterion of 20 %D for the target analytes.</p> <p>Initial calibrations and calibration verifications are also evaluated using the criterion of a RF value of greater than or equal to a value of 0.05 for the target analytes using Method 8270C or Table 4 of 8270D.</p> <p>ICV recoveries are evaluated using laboratory control limits if available or 70% to 130%.</p>
<p>PCBs Calibration Evaluation</p>	<p>PCB target analytes are evaluated using the criteria of 20 %RSD or correlation coefficient of 0.990 for initial calibration curves.</p> <p>Calibration verifications are evaluated using a criterion of 15 %D for target analytes.</p> <p>ICV recoveries are evaluated using laboratory control limits if available or 70% to 130%.</p>
<p>PCB Congeners Calibration Evaluation</p>	<p>Target analytes are evaluated using the initial calibration criteria of RSD ≤ 20% for the 27 congeners in the ICs. For calibration verifications, the criteria include a %D ≤ 30%. Relative ion abundance criteria and lock ion and signal to noise ratio criteria specified in the method must be met for IC and CCV.</p>
<p>Dioxin/Dibenzofuran Calibration Evaluation</p>	<p>Dioxin/dibenzofuran target analytes are evaluated using the initial calibration criteria of RSD ≤ 20% for the 17 unlabeled PCDDs/PCDFs relative to the internal standard and ≤ 30% for the nine labeled internal standards relative to the recovery standards. For calibration verifications, the criteria includes a %D ≤ 20% for the 17 unlabeled standards and ≤ 30% for the nine labeled standards. Relative ion abundance criteria and instrument sensitivity criteria specified in EPA method 8290A must be met. Instrument sensitivity criteria must be met.</p>
<p>Pesticides Calibration Evaluation</p>	<p>Pesticide target analytes are evaluated using the criteria of 25% RSD for alpha BHC/delta BHC, 30%RSD for toxaphene. 30% RSD for surrogates and 20 %RSD for the remaining target analytes or correlation coefficient of 0.990 for initial calibration curves.</p> <p>Calibration verifications are evaluated using a criterion of 20 %D for the target analytes.</p> <p>ICV recoveries are evaluated using laboratory control limits if available or 70 to 130%.</p>
<p>Herbicides Calibration Evaluation</p>	<p>Herbicide target analytes are evaluated using the criteria of 20 %RSD or correlation coefficient of 0.990 for initial calibration curves.</p> <p>Calibration verifications are evaluated using a criterion of 20 %D for the target analytes.</p> <p>ICV recoveries are evaluated using laboratory control limits if available or 70% to 130%.</p>

APPENDIX B - O'Brien & Gere Data validation approach based on USEPA Region II Data validation guidelines for the following SW-846 analytical methods: VOCs (8260B), SVOCs (8270C/8270D), Pesticides (8081B), Herbicides (8151A), PCBs (8082A), Metals (6010B), High Resolution Mercury (1631), Cyanide (9012/9014), Dioxins/Dibenzofurans (8290A), PCB Congeners (1668B), and Inorganics by various methods

Associating Samples with Field and Laboratory QC Samples	Trip blanks are associated with samples in the same sample cooler.
	Equipment blanks (rinsate blanks) are associated with samples collected in the same day (or sampling event) using the same sample collection equipment and decontamination solutions. When sampling equipment or decontamination solutions are changed, a new equipment blank should be collected. Each sample should be associated with one equipment blank, which is collected as close to the sample collection date/time as possible. Use professional judgment.
	Field blanks are associated with the sample containers used to collect samples. When sampling container lots are changed, a new field blank should be collected.
	Method blanks are associated with samples prepared at the same time (if preparation is required) or analyzed in the same analytical batch as the samples. Method blanks should reflect the sample matrix type (i.e., aqueous, low level solid, medium level solid).
	LCSs are associated with samples prepared at the same time (if preparation is required) or analyzed in the same analytical batch as the samples.
	MS/MSD and laboratory duplicate samples are collected in the field. The laboratory must prepare using project samples. MS/MSDs and laboratory duplicates are associated with samples prepared at the same time or close to the same time (if preparation is required) with the same matrix type.
	Field duplicates are collected in the field and are associated with samples of the same matrix type.
	In the case that insufficient QC samples are provided due to field or laboratory problems, use professional judgment to associate each sample with a QC sample that reflects the sample matrix and analysis conditions. If insufficient QC samples are available to properly associate samples, record the impact in the DV notes.
Evaluation and Action for MS/MSD, LCS, Surrogate and Laboratory Duplicate Data for VOCs and SVOCs	The laboratory control limit (CL) is used to assess MS/MSD, LCS, surrogate, and laboratory duplicate data. Refer to Region II guidelines if laboratory control limits are not available.
	In the case that excursions are identified in more than one quality control sample of the same matrix within one sample delivery group, samples are batched according to sample preparation or analysis date and qualified accordingly (see batching description above).
	If percent recoveries are less than laboratory CLs but greater than 10%, non-detected and detected results are qualified as approximate (UJ, J).
	If percent recoveries are greater than laboratory CLs, detected results are qualified as approximate (J).
	If percent recoveries are less than 10%, detected results are qualified as approximate (J) and non-detected results are qualified as rejected (R).
	If RPDs for MSDs or laboratory duplicates are outside of laboratory CLs, detected results are qualified as approximate (J). Non-detected results may not be qualified, applying professional judgment.
Evaluation of MS/MSD, Surrogate, and Field Duplicate Data for VOCs and SVOCs	Qualification is performed only when both MS and MSD recoveries are outside of laboratory CLs.
	Organic data are rejected (R) in the case that both MS/MSD recoveries are less than 10%.
	Qualification is not performed if MS/MSD or surrogate recoveries are outside of laboratory CLs with an analysis that applied a dilution factor of 10 times or more, applying professional judgment.
	Qualification of data associated with MS/MSD or field duplicate excursions is limited to the un-spiked sample or the field duplicate pair, respectively.
Evaluation and Actions for Blank Results for VOC, SVOC, Pesticides, Herbicides and PCB Data	Field duplicate data are evaluated against relative percent difference (RPD) criteria of less than 50% for aqueous samples and less than 100% for soils when results are greater than or equal to five times the QL. When a field duplicate result is less than five times the QL, a control limit of plus or minus two times the QL (difference criterion) is applied. If RPDs or differences are outside of criterion, detected and non-detected results are qualified as approximate (UJ, J) to indicate minor excursions.
	Blanks are not qualified due to contamination of another blank. Sample results qualified as non-detected (U) are treated as hits when qualifying for surrogate or calibration excursions. The following approach is utilized for applying qualifiers, using twice the quantitation limit (QL) for methylene chloride, 2-butanone and acetone: 1. For blank results less than the QL, samples with concentrations less than the QL are reported at the QL and qualified as non-detected (U). Samples with concentrations greater than or equal to the QL are not qualified or may apply the Blank Rule Option. 2. For blank results greater than the QL, samples with concentrations less than the QL are reported at the QL and qualified as non-detected (U). Samples with concentrations greater than or equal to the QL and less than the blank contamination level are reported and qualified as non-detected (U).

APPENDIX B - O'Brien & Gere Data validation approach based on USEPA Region II Data validation guidelines for the following SW-846 analytical methods: VOCs (8260B), SVOCs (8270C/8270D), Pesticides (8081B), Herbicides (8151A), PCBs (8082A), Metals (6010B), High Resolution Mercury (1631), Cyanide (9012/9014), Dioxins/Dibenzofurans (8290A), PCB Congeners (1668B), and Inorganics by various methods

	<p>Samples with concentrations greater than or equal to the QL and greater than or equal to the blank contamination level are not qualified or may apply the Blank Rule Option.</p> <ol style="list-style-type: none"> 3. For blank results equal to the QL, sample concentrations less than the QL are reported at the QL value and qualified as non-detected (U). Samples greater than or equal to the QL are not qualified or may apply the Blank Rule Option. 4. For gross contamination in blanks (saturated peaks, interference peaks, poor baselines), all associated sample detected results are rejected (R) or qualified as non-detected (U) using professional judgment. <p>Blank Rule Option: If methylene chloride, acetone or 2-butanone is detected in the sample at a concentration that is less than ten times the concentration in the associated blank, the sample result is qualified as "U". If other target analytes are detected in the sample at a concentration that is less than five times the concentration detected in the associated blank, the sample result is qualified as "U".</p>
<p>Evaluation and Actions for Surrogate Data for PCB, Pesticides and Herbicides</p>	<p>The following approach is utilized for applying qualifiers when both surrogate recoveries from the primary column are outside of laboratory CLs (also considering confirmation column results):</p> <ol style="list-style-type: none"> 1. Detected result associated with recovery of greater than upper laboratory CLs is qualified as approximate (J). Non-detected result is not qualified. 2. Detected result associated with recovery of greater than or equal to 10% but less than the lower laboratory CL is qualified as approximate (J). Non-detected result is qualified as approximate (UJ). 3. Detected result associated with recoveries of less than 10% is qualified as approximate (J). Non-detected result is rejected (R). 4. If the sample was diluted using a dilution factor of 10 times or more, detected and non-detected results are not qualified since the surrogate concentration is diluted, using professional judgment. 5. If the retention times of the surrogates are outside of the laboratory retention time window, associated sample results are qualified as approximate (UJ, J) or rejected (R), using professional judgment.
<p>Evaluation of LCS Data for PCB, Pesticides and Herbicides</p>	<p>The following approach is utilized for applying qualifiers when one LCS result (including all primary and confirmation column results) is outside of laboratory CLs for recovery:</p> <ol style="list-style-type: none"> 1. Detected result associated with recovery of greater than upper laboratory CL is qualified as approximate (J). Non-detected result is not qualified. 2. Detected result associated with recovery of less than lower laboratory CL is qualified as approximate (J). 3. Non-detected result associated with a recovery of less than 10% is rejected (R).
<p>Evaluation of MS/MSD Data for PCB, Pesticides and Herbicides</p>	<p>The following approach is utilized for applying qualifiers when both MS and MSD results are outside of laboratory CLs for recovery or RPD criteria:</p> <ol style="list-style-type: none"> 1. Detected result associated with recoveries of greater than or equal to 10% is qualified as approximate (J). Non-detected result is qualified as approximate (UJ). 2. Detected result associated with recoveries of greater than the upper laboratory CL and outside of RPD criterion is qualified as approximate (J). Non-detected result is not qualified. 3. Detected result associated with recoveries of less than 10% is qualified as approximate (J). Non-detected result is rejected (R).
<p>Evaluation of Dual Column Results for Pesticide, Herbicides and PCB Data</p>	<p>%D value, calculated for the positive results from the primary and confirmation chromatographic columns, is defined as the difference between the columns divided by the primary column, times 100.</p> <p>The following approach is utilized for applying qualifiers:</p> <ol style="list-style-type: none"> 1. For detected result greater than the method detection limit (MDL) and less than the QL, with a %D greater than 50, replace result with the QL and qualify as non-detected (U). 2. For detected result greater than the QL with a %D greater than 25: <ol style="list-style-type: none"> a. With a %D of 26 to 70, result is qualified as approximate (J). b. With a %D of 71 to 100, result is qualified as approximate and tentative (JN). c. With a %D greater than 100 without evidence of interference, result is rejected (R) or qualified as non-detected (U), applying professional judgment. d. With a %D greater than 100 with evidence of interference, result is qualified as approximate (JN).

APPENDIX B - O'Brien & Gere Data validation approach based on USEPA Region II Data validation guidelines for the following SW-846 analytical methods: VOCs (8260B), SVOCs (8270C/8270D), Pesticides (8081B), Herbicides (8151A), PCBs (8082A), Metals (6010B), High Resolution Mercury (1631), Cyanide (9012/9014), Dioxins/Dibenzofurans (8290A), PCB Congeners (1668B), and Inorganics by various methods

Evaluation of MS/MSD, Surrogate, and Field Duplicate Data for VOCs and SVOCs	Qualification is performed only when both MS and MSD recoveries are outside of laboratory CLs.
	Organic data are rejected (R) in the case that both MS/MSD recoveries are less than 10%.
	Qualification is not performed if MS/MSD or surrogate recoveries are outside of laboratory CLs with an analysis that applied a dilution factor of 10 times or more, applying professional judgment.
	Qualification of data associated with MS/MSD or field duplicate excursions is limited to the un-spiked sample or the field duplicate pair, respectively.
	Field duplicate data are evaluated against relative percent difference (RPD) criteria of less than 50% for aqueous samples and less than 100% for soils when results are greater than or equal to five times the QL. When a field duplicate result is less than five times the QL, a control limit of plus or minus two times the QL (difference criterion) is applied. If RPDs or differences are outside of criterion, detected and non-detected results are qualified as approximate (UJ, J) to indicate minor excursions.
Evaluation of Internal Standards for VOCs and SVOCs	Internal standard recoveries are evaluated using control limits of from 50% of the lower standard area to 100% of the upper standard area of the associated calibration verification standard. The results associated with internal standard area recoveries 25% or greater but less than 50% are qualified as approximate (J, UJ). Non-detected results associated with internal standard area recoveries less than 25% are rejected (R), using professional judgment.
Metals, Mercury, and Inorganic MS/MSD, Laboratory/Field Duplicate, and Serial Dilution	Qualification of sample results associated with MS/MSD, laboratory duplicate and field duplicate excursions is performed on samples for the same matrix, within the same preparation batch, within the same SDG group. [Region II only qualifies the Field Duplicate and associated sample.]
Evaluation of LCS Data for Metals, Mercury, and Inorganics	To apply qualifiers if LCS result is outside of laboratory CLs or 80% to 120%: Aqueous sample: <ol style="list-style-type: none"> 1. Detected and non-detected result associated with a recovery of less than 50% is rejected (R). 2. Detected result associated with recovery between 50% and 79% is qualified as approximate (J). Non-detected result is qualified as approximate (UJ). 3. Detected result associated with recoveries of between 121% and 150% is qualified as approximate (J). 4. Detected result associated with recoveries of greater than 150% is rejected (R), applying professional judgment. Soil sample: <ol style="list-style-type: none"> 1. Detected result associated with recovery greater than the upper CL is qualified as approximate (J). 2. Detected result associated with recovery less than the lower CL is qualified as approximate (J) and non-detected result is qualified as approximate (UJ). 3. Detected and non-detected result associated with a recovery of less than 10% is rejected (R).
Evaluation of MS/MSD Data for Metals, Mercury, and Inorganics	To apply qualifiers if either MS or MSD result is outside of laboratory CL or 75% to 125%: Aqueous sample: <ol style="list-style-type: none"> 1. Detected and non-detected result associated with a recovery of less than 30% is rejected (R). 2. Detected result associated with recoveries between 30% and 74% is qualified as approximate (J). Non-detected result is qualified as approximate (UJ). 3. Detected result associated with recoveries of between 126% and 150% is qualified as approximate (J). 4. Detected result associated with recoveries of greater than 150% is rejected (R) or qualified as approximate (J) applying professional judgment. Soil sample: <ol style="list-style-type: none"> 1. Detected and non-detected result associated with a recovery of less than 10% is rejected (R). 2. Detected result associated with recovery of between 10% and 74% is qualified as approximate (J). Non-detected result is qualified as approximate (UJ). 3. Detected result associated with recoveries of between 126% and 200% is qualified as approximate (J). 4. Detected result associated with recoveries of greater than 200% is rejected (R) or qualified as approximate (J) applying professional judgment.

APPENDIX B - O'Brien & Gere Data validation approach based on USEPA Region II Data validation guidelines for the following SW-846 analytical methods: VOCs (8260B), SVOCs (8270C/8270D), Pesticides (8081B), Herbicides (8151A), PCBs (8082A), Metals (6010B), High Resolution Mercury (1631), Cyanide (9012/9014), Dioxins/Dibenzofurans (8290A), PCB Congeners (1668B), and Inorganics by various methods

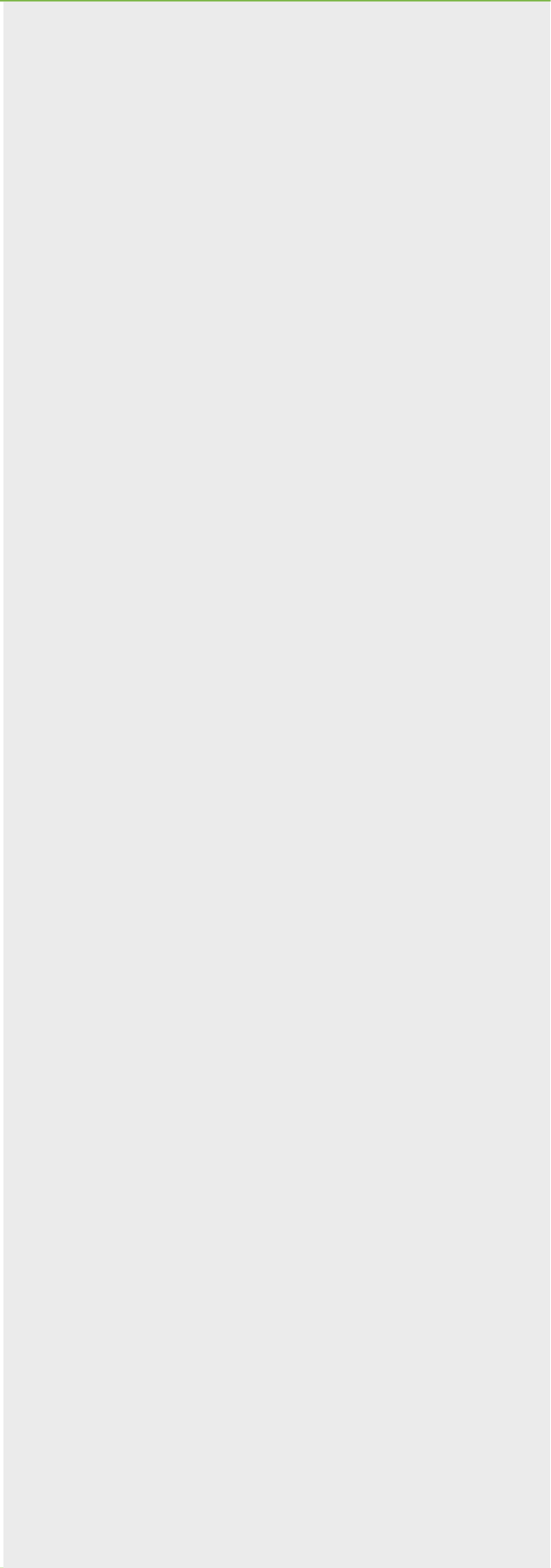
<p>Evaluation of Laboratory Duplicate and Field Duplicate for Metals, Mercury, and Inorganics</p>	<p>To apply qualifiers if laboratory duplicate results are outside of RPD or difference criteria: Aqueous sample with sample and duplicate values both greater than or equal to 5 times the QL:</p> <ul style="list-style-type: none"> • Detected result greater than or equal to the QL, associated with an RPD of greater than 20 is qualified as approximate (J). • Aqueous sample when either detected sample or duplicate value is less than 5 times the QL: • Detected results with absolute difference greater than the QL are qualified as approximate (J). Non-detected results are qualified as approximate (UJ). • Soil sample for sample and duplicate values both greater than or equal to 5 times the QL: • Detected result greater than or equal to the QL associated with an RPD of greater than or equal to 35 is qualified as approximate (J). • Soil sample when either detected sample or duplicate value is less than 5 times the QL: • Sample results with absolute difference greater than 2 times the QL are qualified as approximate (J). Non-detected results are qualified as approximate (UJ).
<p>Evaluation of Metals, Mercury, and Inorganic Blank Data</p>	<p>For calibration blanks and preparation blanks at concentrations greater than laboratory MDLs but less than or equal to QLs:</p> <ul style="list-style-type: none"> • Concentration in the associated samples of greater than or equal to the MDLs but less than or equal to QLs are revised to the QL level and qualified as non-detected (U). <p>For calibration blanks, preparation blanks and field blanks at concentrations greater than laboratory QLs:</p> <ol style="list-style-type: none"> 1. Concentration in the associated samples of greater than the blank concentration and less than ten times the blank concentration are qualified as approximate (J). 2. Concentrations in the associated samples of greater than or equal to the MDLs but less than or equal to QLs are revised to the QL level and are qualified as non-detected (U). 3. Concentration in the associated samples of greater than the QLs and less than the blank concentration are rejected (R) or qualified as non-detected (U), applying professional judgment. <p>For calibration blanks and preparation blanks at concentrations less than the negative value of the QLs:</p> <ol style="list-style-type: none"> 1. Concentrations in the associated samples of less than 10 times the QLs are qualified as approximate (J). 2. Non-detected concentrations in the associated samples are qualified as approximate (UJ).
<p>Evaluation of Serial Dilution Data</p>	<p>Serial dilution results are evaluated for data with initial sample concentrations that are greater than 50 times the MDL. If the percent difference is greater than 10%, associated sample results greater than or equal to the MDL are qualified as approximate (J). If the percent difference is greater than or equal to 100%, associated sample results greater than or equal to the MDL are rejected (R).</p>

*Appendix C -
Laboratory QA/QC Analyses
Approach*

APPENDIX C - Laboratory QA/QC analyses definitions.	
QA/QC Term	Definition
Quantitation limit	The level above which numerical results may be obtained with a specified degree of confidence; the minimum concentration of an analyte in a specific matrix that can be identified and quantified above the method detection limit and within specified limits of precision and bias during routine analytical operating conditions.
Method detection limit	The minimum concentration of an analyte that undergoes preparation similar to the environmental samples and can be reported with a stated level of confidence that the analyte concentration is greater than zero.
Instrument detection limit	The lowest concentration of a metal target analyte that, when directly inputted and processed on a specific analytical instrument, produces a signal/response that is statistically distinct from the signal/response arising from equipment "noise" alone.
Gas chromatography/mass spectrometry (GC/MS) instrument performance check	Performed to verify mass resolution, identification, and to some degree, instrument sensitivity. These criteria are not sample specific; conformance is determined using standard materials.
Calibration	Compliance requirements for satisfactory instrument calibration are established to verify that the instrument is capable of producing acceptable quantitative data. Initial calibration demonstrates that the instrument is capable of acceptable performance at the beginning of analysis and calibration verifications document satisfactory maintenance and adjustment of the instrument on a day-to-day basis.
Relative response factor	A measure of the relative mass spectral response of an analyte compared to its internal standard. Relative response factors are determined by analysis of standards and are used in the calculation of concentrations of analytes in samples.
Relative standard deviation	The standard deviation divided by the mean; a unit-free measure of variability.
Correlation coefficient	A measure of the strength of the relationship between two variables.
Relative percent difference	Used to compare two values; the relative percent difference is based on the mean of the two values, and is reported as an absolute value (<i>i.e.</i> , always expressed as a positive number or zero).
Percent difference	Used to compare two values; the percent difference indicates both the direction and the magnitude of the comparison (<i>i.e.</i> , the percent difference may be either negative, positive, or zero).
Percent recovery	The act of determining whether or not the methodology measures all of the target analytes contained in a sample.
Calibration blank	Consists of acids and reagent water used to prepare metal samples for analysis. This type of blank is analyzed to evaluate whether contamination is occurring during the preparation and analysis of the sample.
Method blank	A water or soil blank that undergoes the preparation procedures applied to a sample (<i>i.e.</i> , extraction, digestion, clean-up, <i>etc.</i>). These samples are analyzed to examine whether sample preparation, clean-up, and analysis techniques result in sample contamination.
Field/equipment	Collected and submitted for laboratory analysis, where appropriate. Field/equipment blanks are handled in the same manner as environmental samples. Equipment/field blanks are analyzed to assess contamination introduced during field sampling procedures.
Trip blank	Consist of samples of analyte-free water that have undergone shipment from the sampling site to the laboratory in coolers with the environmental samples submitted for volatile organic compound (VOC) analysis. Trip blanks will be analyzed for VOCs to determine if contamination has taken place during sample handling and/or shipment. Trip blanks will be utilized at a frequency of one each per cooler sent to the laboratory for VOC analysis.
Internal standards performance	Compounds not found in environmental samples which are spiked into samples and quality control samples at the time of sample preparation for organic analyses. Internal standards must meet retention time and recovery criteria specified in the analytical method. Internal standards are used as the basis for quantitation of the target analytes.
Surrogate recovery	Compounds similar in nature to the target analytes but not expected to be detected in the environmental media which are spiked into environmental samples, blanks, and quality control samples prior to sample preparation for organic analyses. Surrogates are used to evaluate analytical efficiency by measuring recovery.
Laboratory control sample Matrix spike blank analyses	Standard solutions that consist of known concentrations of the target analytes spiked into laboratory analyte-free water or sand. They are prepared or purchased from a certified manufacturer from a source independent from the calibration standards to provide an independent verification of the calibration procedure. They are prepared and analyzed following the same procedures employed for environmental sample analysis to assess method accuracy independently of sample matrix effects.

APPENDIX C - Laboratory QA/QC analyses definitions.

Laboratory duplicate	Two or more representative portions taken from one homogeneous sample by the analyst and analyzed in the same laboratory.
Matrix	The material of which the sample is composed or the substrate containing the analyte of interest, such as drinking water, waste water, air, soil/sediment, and biological material.
Matrix spike (MS)	An aliquot of a matrix (water or soil) fortified (spiked) with known quantities of specific target analytes and subjected to the entire analytical procedure in order to indicate the appropriateness of the method for the matrix by measuring recovery.
Matrix spike duplicate (MSD)	A second aliquot of the same matrix as the matrix spike that is spiked in order to determine the precision of the method.
Retention time	The time a target analyte is retained on a GC column before elution. The identification of a target analyte is dependent on a target compound's retention time falling within the specified retention time window established for that compound.
Relative retention time	The ratio of the retention time of a compound to that of a standard.



EZ-MUD® MSDS Sheet

MATERIAL SAFETY DATA SHEET

Product Trade Name: EZ-MUD GOLD

Revision Date: 02-Jun-2007

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Trade Name: EZ-MUD GOLD
Synonyms: None
Chemical Family: Anionic Polymer
Application: Additive

Manufacturer/Supplier: Baroid Fluid Services
Product Service Line of Halliburton
P.O. Box 1675
Houston, TX 77251
Telephone: (281) 871-4000
Emergency Telephone: (281) 575-5000

Prepared By: Chemical Compliance
Telephone: 1-580-251-4335
e-mail: fdunexchem@halliburton.com

2. COMPOSITION/INFORMATION ON INGREDIENTS

SUBSTANCE	CAS Number	PERCENT	ACGIH TLV-TWA	OSHA PEL-TWA
Contains no hazardous substances	Mixture	60 - 100%	Not applicable	Not applicable

3. HAZARDS IDENTIFICATION

Hazard Overview: May cause eye and skin irritation. Airborne dust may be explosive.

4. FIRST AID MEASURES

Inhalation: If inhaled, remove from area to fresh air. Get medical attention if respiratory irritation develops or if breathing becomes difficult.

Skin: Wash with soap and water. Get medical attention if irritation persists.

Eyes: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention if irritation persists.

Ingestion: Do not induce vomiting. Slowly dilute with 1-2 glasses of water or milk and seek medical attention. Never give anything by mouth to an unconscious person.

Notes to Physician: Not Applicable

5. FIRE FIGHTING MEASURES

Flash Point/Range (F):	Not Determined
Flash Point/Range (C):	Not Determined
Flash Point Method:	Not Determined
Autoignition Temperature (F):	Not Determined
Autoignition Temperature (C):	Not Determined
Flammability Limits in Air - Lower (%):	Not Determined
Flammability Limits in Air - Upper (%):	Not Determined

Fire Extinguishing Media Water fog, carbon dioxide, foam, dry chemical.

Special Exposure Hazards Decomposition in fire may produce toxic gases. Organic dust in the presence of an ignition source can be explosive in high concentrations. Good housekeeping practices are required to minimize this potential.

Special Protective Equipment for Fire-Fighters Full protective clothing and approved self-contained breathing apparatus required for fire fighting personnel.

NFPA Ratings: Health 1, Flammability 0, Reactivity 0
HMS Ratings: Flammability 0, Reactivity 0, Health 1

6. ACCIDENTAL RELEASE MEASURES

Personal Precautionary Measures Use appropriate protective equipment. Avoid creating and breathing dust. Slippery when wet.

Environmental Precautionary Measures Prevent from entering sewers, waterways, or low areas.

Procedure for Cleaning / Absorption Scoop up and remove.

7. HANDLING AND STORAGE

Handling Precautions Avoid contact with eyes, skin, or clothing. Avoid creating or inhaling dust. Slippery when wet.

Storage Information Store away from oxidizers. Store in a cool, dry location. Product has a shelf life of 36 months.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls Use in a well ventilated area.

Respiratory Protection Dust/mist respirator. (95%) Not normally needed. But if significant exposures are possible then the following respirator is recommended:

Hand Protection Normal work gloves.

Skin Protection Normal work coveralls.

Eye Protection Wear safety glasses or goggles to protect against exposure.

Other Precautions None known.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Granules
Color:	Off white
Odor:	Odorless
pH:	7.75 (1%)
Specific Gravity @ 20 C (Water=1):	0.8-1.0
Density @ 20 C (lbs./gallon):	6.66-8.33
Bulk Density @ 20 C (lbs/ft3):	52
Boiling Point/Range (F):	Not Determined
Boiling Point/Range (C):	Not Determined
Freezing Point/Range (F):	Not Determined
Freezing Point/Range (C):	Not Determined
Vapor Pressure @ 20 C (mmHg):	Not Determined
Vapor Density (Air=1):	Not Determined
Percent Volatiles:	Not Determined
Evaporation Rate (Butyl Acetate=1):	Not Determined
Solubility in Water (g/100ml):	Soluble
Solubility in Solvents (g/100ml):	Not Determined
VOCs (lbs./gallon):	Not Determined
Viscosity, Dynamic @ 20 C (centipoise):	Not Determined
Viscosity, Kinematic @ 20 C (centistokes):	Not Determined
Partition Coefficient/n-Octanol/Water:	Not Determined
Molecular Weight (g/mole):	Not Determined

10. STABILITY AND REACTIVITY

Stability Data:	Stable
Hazardous Polymerization:	Will Not Occur
Conditions to Avoid	None anticipated
Incompatibility (Materials to Avoid)	Strong oxidizers.
Hazardous Decomposition Products	Ammonia. Oxides of nitrogen. Carbon monoxide and carbon dioxide.
Additional Guidelines	Not Applicable

11. TOXICOLOGICAL INFORMATION

Principle Route of Exposure	Eye or skin contact, inhalation.
Inhalation	None known.
Skin Contact	May cause mild skin irritation.
Eye Contact	May cause mild eye irritation.
Ingestion	None known
Aggravated Medical Conditions	None known.
Chronic Effects/Carcinogenicity	No data available to indicate product or components present at greater than 1% are chronic health hazards.
Other Information	None known.
Toxicity Tests	

Oral Toxicity:	LD50: > 5000 mg/kg (Rat)
Dermal Toxicity:	Not determined
Inhalation Toxicity:	Not determined
Primary Irritation Effect:	Not determined
Carcinogenicity	Not determined
Genotoxicity:	Not determined
Reproductive / Developmental Toxicity:	Not determined

12. ECOLOGICAL INFORMATION

Mobility (Water/Soil/Air)	Not determined
Persistence/Degradability	Not readily biodegradable.
Bio-accumulation	Will not bio-accumulate.

Ecotoxicological Information

Acute Fish Toxicity:	TLM96: >1000 mg/l (Pimephales promelas)
Acute Crustaceans Toxicity:	Not determined
Acute Algae Toxicity:	EC50: > 500 mg/l (Selenastrum capricornutum)

Chemical Fate Information	Not determined
Other Information	Not applicable

13. DISPOSAL CONSIDERATIONS

Disposal Method	Bury in a licensed landfill according to federal, state, and local regulations.
Contaminated Packaging	Follow all applicable national or local regulations.

14. TRANSPORT INFORMATION

Land Transportation

DOT
Not restricted

Canadian TDG
Not restricted

ADR Not restricted

Air Transportation

ICAO/IATA Not restricted

Sea Transportation

IMDG Not restricted

Other Shipping Information

Labels: None

15. REGULATORY INFORMATION

US Regulations

US TSCA Inventory	All components listed on inventory.
EPA SARA Title III Extremely Hazardous Substances	Not applicable
EPA SARA (311,312) Hazard Class	None
EPA SARA (313) Chemicals	This product does not contain a toxic chemical for routine annual "Toxic Chemical Release Reporting" under Section 313 (40 CFR 372).
EPA CERCLA/Superfund Reportable Spill Quantity	Not applicable.
EPA RCRA Hazardous Waste Classification	If product becomes a waste, it does NOT meet the criteria of a hazardous waste as defined by the US EPA.
California Proposition 65	The California Proposition 65 regulations apply to this product.
MA Right-to-Know Law	One or more components listed.
NJ Right-to-Know Law	One or more components listed.
PA Right-to-Know Law	One or more components listed.

Canadian Regulations

Canadian DSL Inventory	All components listed on inventory.
WHMIS Hazard Class	Un-Controlled

16. OTHER INFORMATION

The following sections have been revised since the last issue of this MSDS

Not applicable

Additional Information For additional information on the use of this product, contact your local Halliburton representative.

For questions about the Material Safety Data Sheet for this or other Halliburton products, contact Chemical Compliance at 1-580-251-4335.

Disclaimer Statement

This information is furnished without warranty, expressed or implied, as to accuracy or completeness. The information is obtained from various sources including the manufacturer and other third party sources. The information may not be valid under all conditions nor if this material is used in combination with other materials or in any process. Final determination of suitability of any material is the sole responsibility of the user.

*****END OF MSDS*****

Geotechnical Data



ATLANTIC TESTING LABORATORIES

Particle Size Distribution Report

Project: Hydrogeologic Investigation

Report No.: ST3150SL-01-11-10

Client: O'Brien and Gere

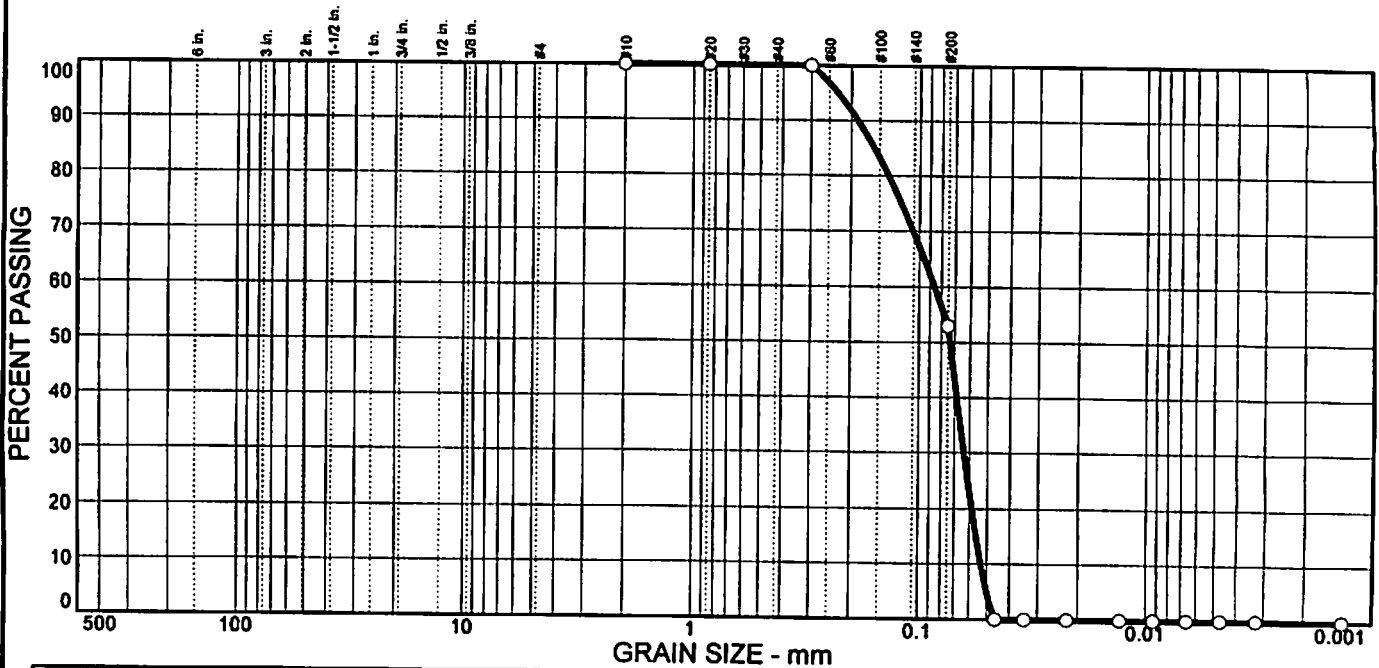
Date: 11-04-10

Sample No: ST3150S01

Source of Sample: Settling Basin 9-15 SCA

Location: SB915-MW-87BR

Elev./Depth: 8'-10'



% COBBLES	% GRAVEL		% SAND			% FINES	
	CRS.	FINE	CRS.	MEDIUM	FINE	SILT	CLAY
0	0	0	0	0	47	53	0

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	OUT OF SPEC. (X)
#10	100		
#20	100		
#50	100		
#200	53		

Soil Description
Brown SILT; and fine SAND;
Field Sample ID: SB915-4000-01

Atterberg Limits
PL= --- LL= --- PI= ---

Coefficients
D₈₅= 0.158 D₆₀= 0.0860 D₅₀= 0.0734
D₃₀= 0.0634 D₁₅= 0.0560 D₁₀= 0.0533
C_u= 1.61 C_c= 0.88

Classification
USCS= --- AASHTO= ---

Remarks
ASTM D 422
Sampled by Client on 09-29-10
Est. Dry Bulk Density = 95.9 pcf

* (no specification provided)

ATLANTIC TESTING LABORATORIES, LIMITED

Reviewed by: [Signature]

Date: 11/4/10



ATLANTIC TESTING LABORATORIES

Particle Size Distribution Report

Project: Hydrogeologic Investigation

Report No.: ST3150SL-02-11-10

Client: O'Brien and Gere

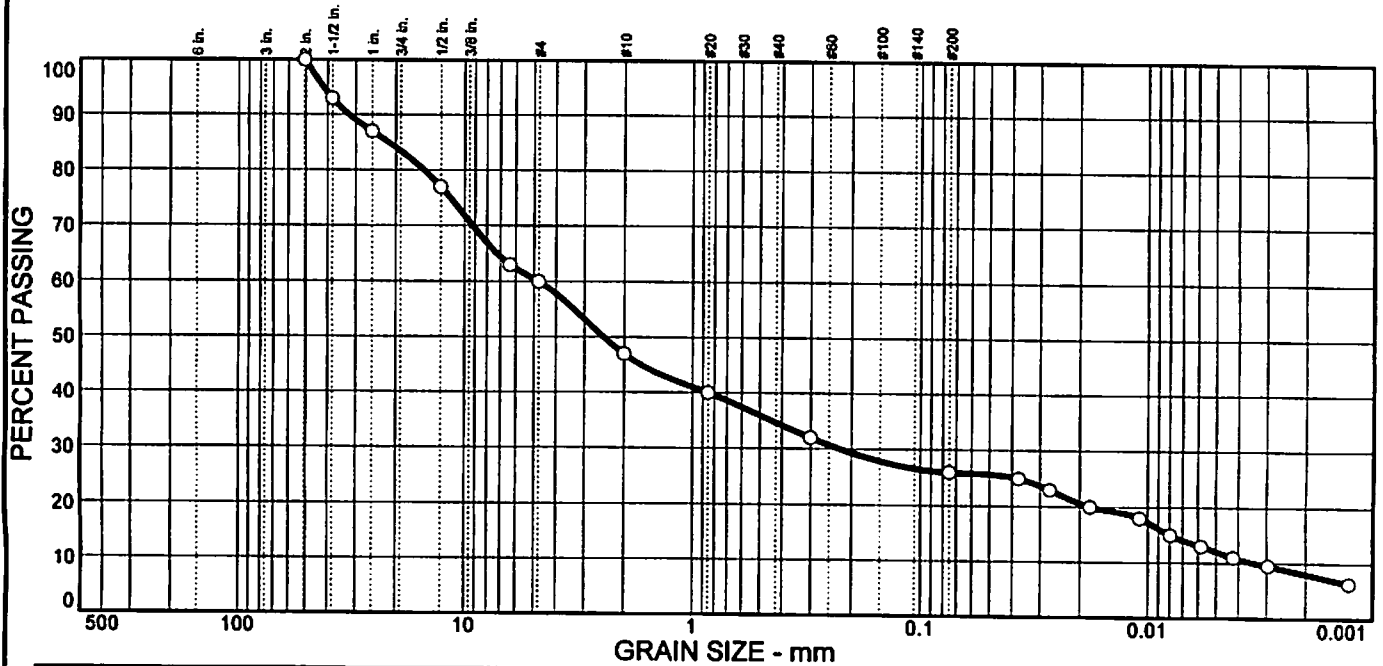
Date: 11-04-10

Sample No: ST3150S02

Source of Sample: Settling Basin 9-15 SCA

Location: SB915-MW-87BR

Elev./Depth: 18'-20'



% COBBLES	% GRAVEL		% SAND			% FINES	
	CRS.	FINE	CRS.	MEDIUM	FINE	SILT	CLAY
0	17	23	13	12	9	14	12

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	OUT OF SPEC. (X)
2 in.	100		
1-1/2 in.	93		
1 in.	87		
1/2 in.	77		
1/4 in.	63		
#4	60		
#10	47		
#20	40		
#50	32		
#200	26		

Soil Description
Brown cmf+ GRAVEL; and cmf SAND; little SILT; little CLAY
Field Sample ID: SB915-4000-02

Atterberg Limits
PL= --- LL= --- PI= ---

Coefficients
D₈₅= 21.5 D₆₀= 4.75 D₅₀= 2.45
D₃₀= 0.223 D₁₅= 0.0080 D₁₀= 0.0034
C_u= 1401.13 C_c= 3.07

Classification
USCS= --- AASHTO= ---

Remarks
ASTM D 422
Sampled by Client on 09-29-10
Est. Dry Bulk Density = 110.0 pcf

* (no specification provided)

ATLANTIC TESTING LABORATORIES, LIMITED

Reviewed by: J. L.

Date: 11/4/10



ATLANTIC TESTING LABORATORIES

Particle Size Distribution Report

Project: Hydrogeologic Investigation

Report No.: ST3150SL-03-11-10

Client: O'Brien and Gere

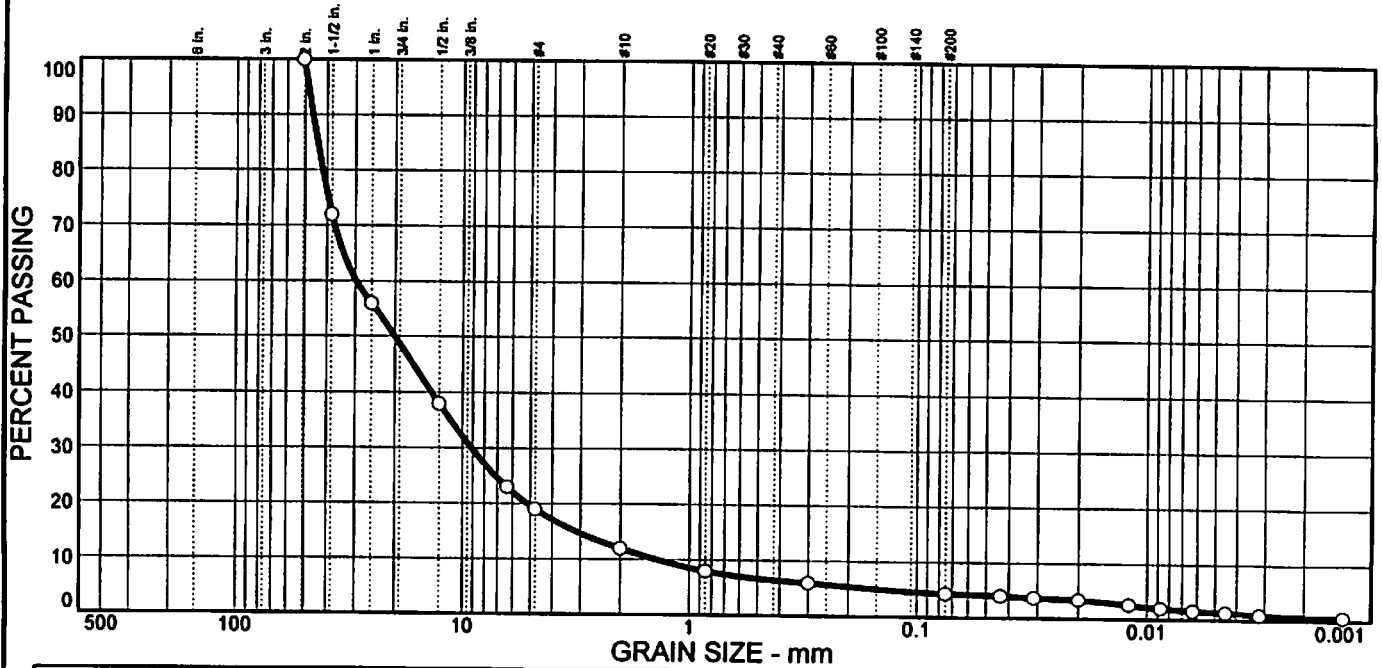
Date: 11-04-10

Sample No: ST3150S03

Source of Sample: Settling Basin 9-15 SCA

Location: SB915-MW-87BR

Elev./Depth: 32'-34'



% COBBLES	% GRAVEL		% SAND			% FINES	
	CRS.	FINE	CRS.	MEDIUM	FINE	SILT	CLAY
0	51	30	7	6	2	3	1

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	OUT OF SPEC. (X)
2 in.	100		
1-1/2 in.	72		
1 in.	56		
1/2 in.	38		
1/4 in.	23		
#4	19		
#10	12		
#20	8		
#50	6		
#200	4.3		

* (no specification provided)

Soil Description

Brown c+mf GRAVEL; little cmf SAND; trace SILT; trace CLAY
 Field Sample ID: SB915-4000-03

Atterberg Limits

PL= — LL= — PI= —

Coefficients

D₈₅= 44.1 D₆₀= 29.7 D₅₀= 20.0
 D₃₀= 9.11 D₁₅= 3.14 D₁₀= 1.38
 C_u= 21.49 C_c= 2.02

Classification

USCS= — AASHTO= —

Remarks

ASTM D 422
 Sampled by Client on 10-01-10
 Est. Dry Bulk Density = 126.9 pcf

ATLANTIC TESTING LABORATORIES, LIMITED

Reviewed by: *[Signature]*

Date: 11/4/10



ATLANTIC TESTING LABORATORIES

Particle Size Distribution Report

Project: Hydrogeologic Investigation

Report No.: ST3150SL-04-11-10

Client: O'Brien and Gere

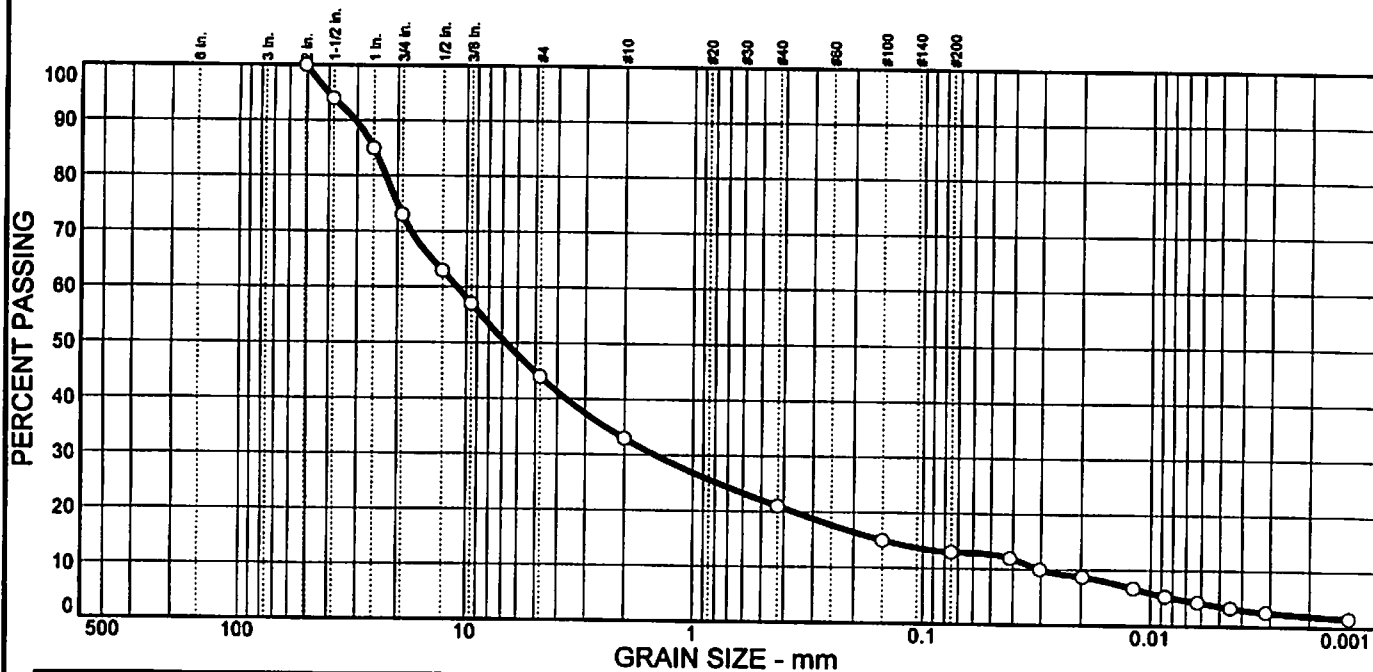
Date: 11-12-10

Sample No: ST3150S04

Source of Sample: Settling Basin 9-15 SCA

Location: SB915-MW-87BR

Elev./Depth: 48'- 50'



% COBBLES	% GRAVEL		% SAND			% FINES	
	CRS.	FINE	CRS.	MEDIUM	FINE	SILT	CLAY
0	27	29	11	12	8	9	4

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	OUT OF SPEC. (X)
2 in.	100		
1-1/2 in.	94		
1 in.	85		
3/4 in.	73		
1/2 in.	63		
3/8 in.	57		
#4	44		
#10	33		
#40	21		
#100	15		
#200	13		

* (no specification provided)

Soil Description
Brown c+mf GRAVEL; and cmf SAND; trace SILT; trace CLAY
Field Sample ID: SB915-4000-04

Atterberg Limits
PL= --- LL= --- PI= ---

Coefficients
D₈₅= 25.4 D₆₀= 11.0 D₅₀= 6.70
D₃₀= 1.46 D₁₅= 0.150 D₁₀= 0.0303
C_u= 362.32 C_c= 6.38

Classification
USCS= --- AASHTO= ---

Remarks
ASTM D 422
Sampled by Client on 10-01-10
Est. Dry Bulk Density = 124.4 pcf

ATLANTIC TESTING LABORATORIES, LIMITED

Reviewed by: *J. L. [Signature]*

Date: 11/17/10



ATLANTIC TESTING LABORATORIES

Particle Size Distribution Report

Project: Hydrogeologic Investigation

Report No.: ST3150SL-05-11-10

Client: O'Brien and Gere

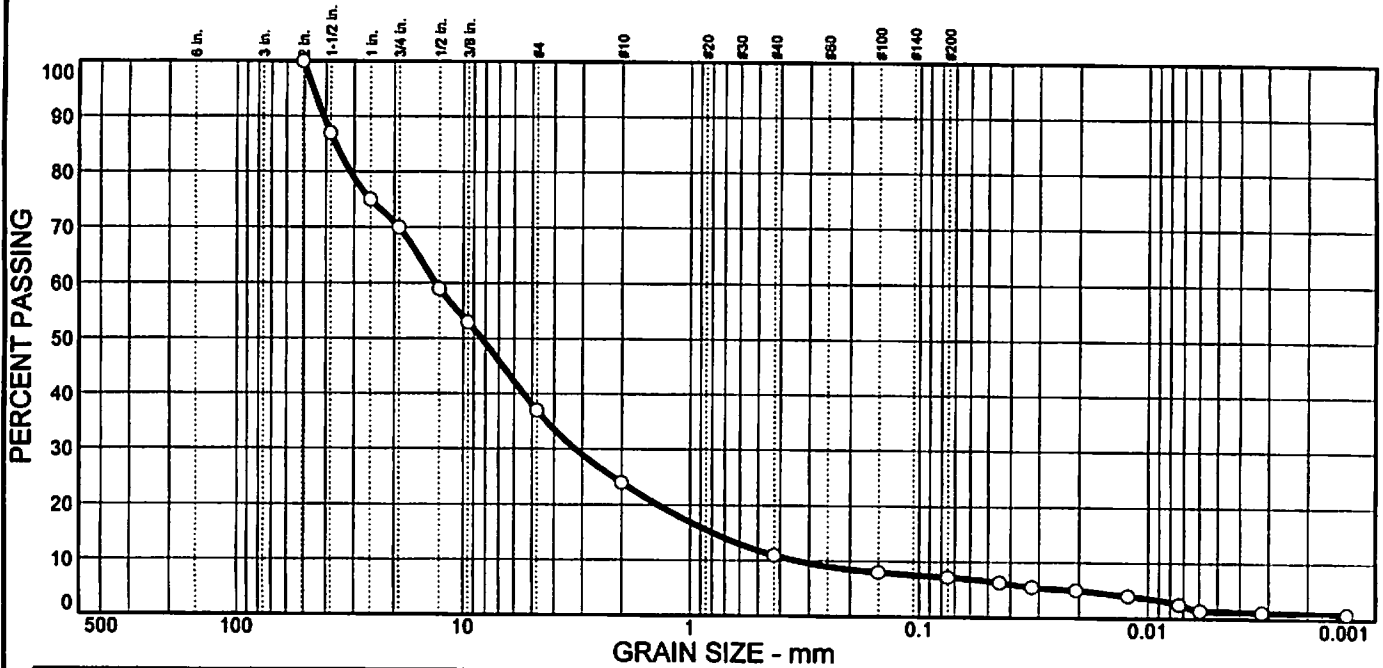
Date: 11-12-10

Sample No: ST3150S05

Source of Sample: Settling Basin 9-15 SCA

Location: SB915-MW-87BR

Elev./Depth: 78'-80'



% COBBLES	% GRAVEL		% SAND			% FINES	
	CRS.	FINE	CRS.	MEDIUM	FINE	SILT	CLAY
0	30	33	13	13	4	6	1

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	OUT OF SPEC. (X)
2 in.	100		
1-1/2 in.	87		
1 in.	75		
3/4 in.	70		
1/2 in.	59		
3/8 in.	53		
#4	37		
#10	24		
#40	11		
#100	8		
#200	7.2		

* (no specification provided)

Soil Description
 Brown cmf GRAVEL; some cmf- SAND; trace SILT; trace CLAY
 Field Sample ID: SB915-4000-05

Atterberg Limits
 PL= --- LL= --- PI= ---

Coefficients
 D₈₅= 36.2 D₆₀= 13.2 D₅₀= 8.29
 D₃₀= 3.20 D₁₅= 0.791 D₁₀= 0.338
 C_u= 39.02 C_c= 2.29

Classification
 USCS= --- AASHTO= ---

Remarks
 ASTM D 422
 Sampled by Client on 10-05-10
 Est. Dry Bulk Density = 118.9

ATLANTIC TESTING LABORATORIES, LIMITED

Reviewed by: J. L. [Signature]

Date: 4/17/10



ATLANTIC TESTING LABORATORIES

Particle Size Distribution Report

Project: Hydrogeologic Investigation

Report No.: ST3150SL-06-11-10

Client: O'Brien and Gere

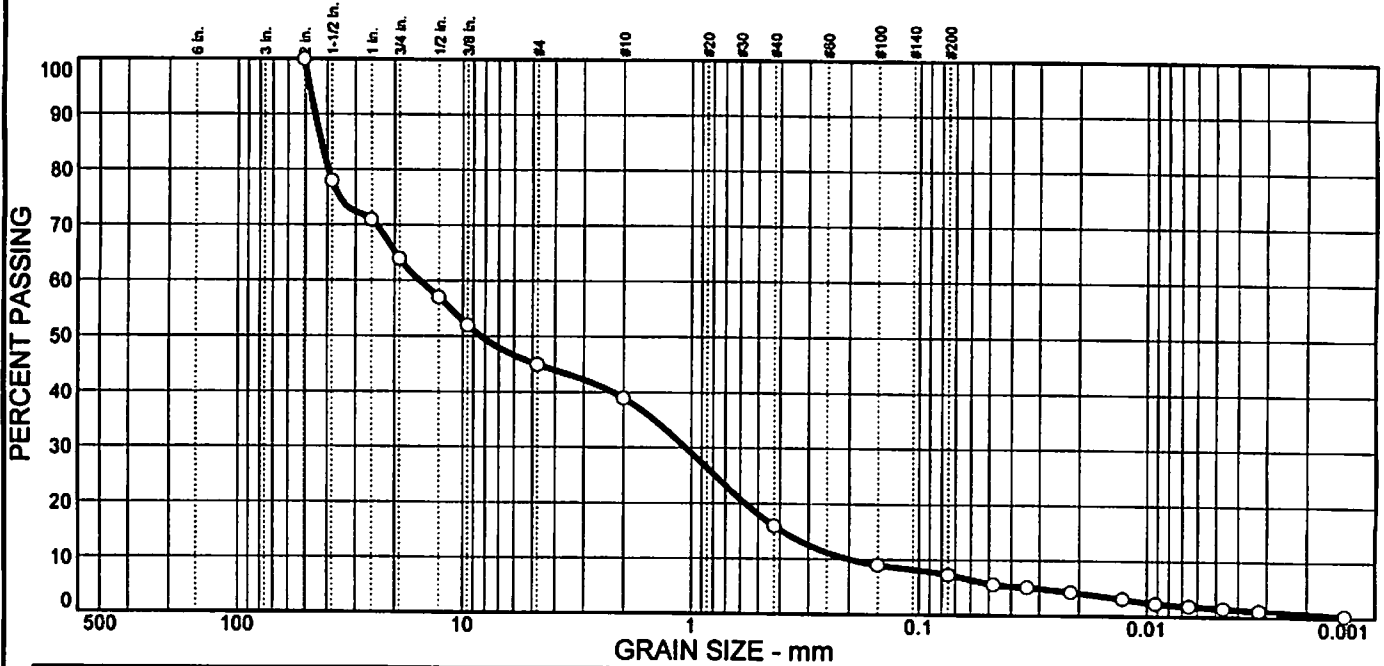
Date: 11-12-10

Sample No: ST3150S06

Source of Sample: Settling Basin 9-15 SCA

Location: SB915-MW-87BR

Elev./Depth: 100'-102'



% COBBLES	% GRAVEL		% SAND			% FINES	
	CRS.	FINE	CRS.	MEDIUM	FINE	SILT	CLAY
0	36	19	6	23	9	6	2

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	OUT OF SPEC. (X)
2 in.	100		
1-1/2 in.	78		
1 in.	71		
3/4 in.	64		
1/2 in.	57		
3/8 in.	52		
#4	45		
#10	39		
#40	16		
#100	9		
#200	7.3		

* (no specification provided)

Soil Description

Brown c+mf GRAVEL; and cm+f SAND; trace SILT; trace CLAY
 Field Sample ID: SB915-4000-06

Atterberg Limits

PL= --- LL= --- PI= ---

Coefficients

D₈₅= 42.6 D₆₀= 15.5 D₅₀= 8.31
 D₃₀= 1.05 D₁₅= 0.390 D₁₀= 0.199
 C_u= 77.88 C_c= 0.36

Classification

USCS= --- AASHTO= ---

Remarks

ASTM D 422
 Sampled by Client on 10-06-10
 Est. Dry Bulk Density = 133.6 pcf

ATLANTIC TESTING LABORATORIES, LIMITED

Reviewed by: *J. [Signature]*

Date: 11/15/10



Particle Size Distribution Report

Project: Hydrogeologic Investigation

Report No.: ST3150-13-11-10

Client: O'Brien and Gere

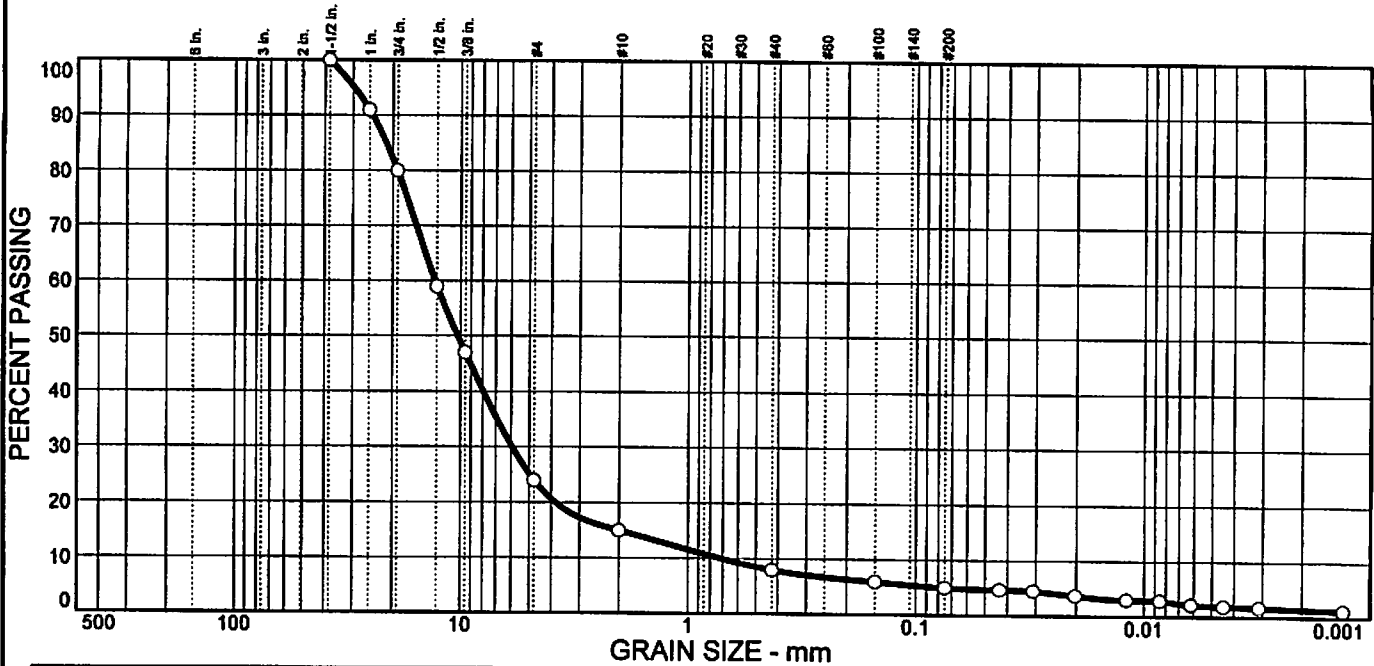
Date: 11-19-10

Sample No: ST3150S13

Source of Sample: Settling Basin 9-15 SCA

Location: SB915-MW-88BR

Elev./Depth: 14'-16'



% COBBLES	% GRAVEL		% SAND			% FINES	
	CRS.	FINE	CRS.	MEDIUM	FINE	SILT	CLAY
0	20	56	9	7	3	3	2

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	OUT OF SPEC. (X)
1-1/2 in.	100		
1 in.	91		
3/4 in.	80		
1/2 in.	59		
3/8 in.	47		
#4	24		
#10	15		
#40	8		
#100	6		
#200	5.0		

* (no specification provided)

Soil Description
 Brown c-mf GRAVEL; little cmf- SAND; trace SILT; trace CLAY
 Field Sample ID: SB915-4001-01

Atterberg Limits
 PL= --- LL= --- PI= ---

Coefficients
 D₈₅= 21.4 D₆₀= 13.0 D₅₀= 10.3
 D₃₀= 5.93 D₁₅= 2.00 D₁₀= 0.714
 C_u= 18.16 C_c= 3.80

Classification
 USCS= --- AASHTO= ---

Remarks
 ASTM D 422
 Sampled by Client on 10-11-10
 Est. Dry Bulk Density = 125.1 pcf

Reviewed by:

Date: 11/3/10



Particle Size Distribution Report

Project: Hydrogeologic Investigation

Report No.: ST3150-14-11-10

Client: O'Brien and Gere

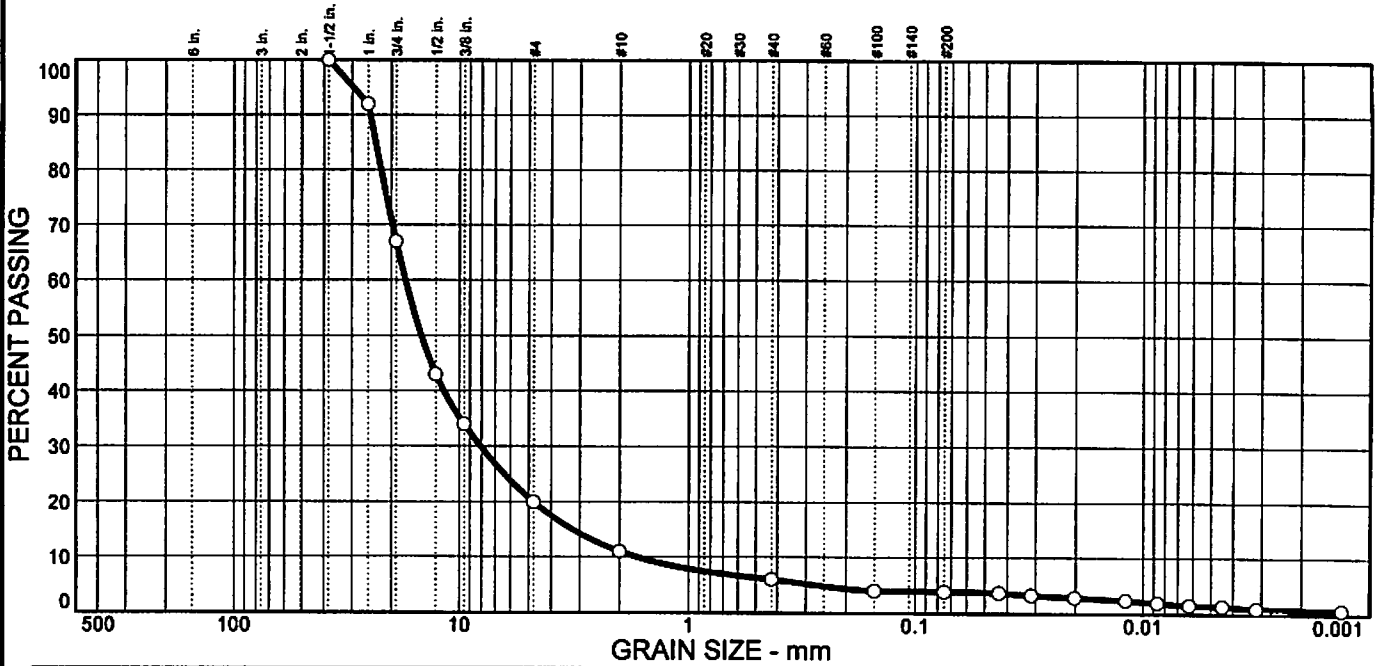
Date: 11-19-10

Sample No: ST3150S14

Source of Sample: Settling Basin 9-15 SCA

Location: SB915-MW-88BR

Elev./Depth: 22'-24'



% COBBLES	% GRAVEL		% SAND			% FINES	
	CRS.	FINE	CRS.	MEDIUM	FINE	SILT	CLAY
0	33	47	9	5	2	2	1

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	OUT OF SPEC. (X)
1-1/2 in.	100		
1 in.	92		
3/4 in.	67		
1/2 in.	43		
3/8 in.	34		
#4	20		
#10	11		
#40	6		
#100	4		
#200	3.9		

* (no specification provided)

Soil Description
Brown cm+f GRAVEL; little cmf- SAND; trace SILT; trace CLAY
Field Sample ID: SB915-4001-02

Atterberg Limits
PL= --- LL= --- PI= ---

Coefficients
D₈₅= 23.5 D₆₀= 17.3 D₅₀= 14.7
D₃₀= 8.07 D₁₅= 3.22 D₁₀= 1.69
C_u= 10.25 C_c= 2.22

Classification
USCS= --- AASHTO= ---

Remarks
ASTM D 422
Sampled by Client on 10-11-10
Est. Dry Bulk Density = 121.1 pcf

ATLANTIC TESTING LABORATORIES, LIMITED

Reviewed by:

Date: 11/20/10



Particle Size Distribution Report

Project: Hydrogeologic Investigation

Report No.: ST3150SL-15-11-10

Client: O'Brien and Gere

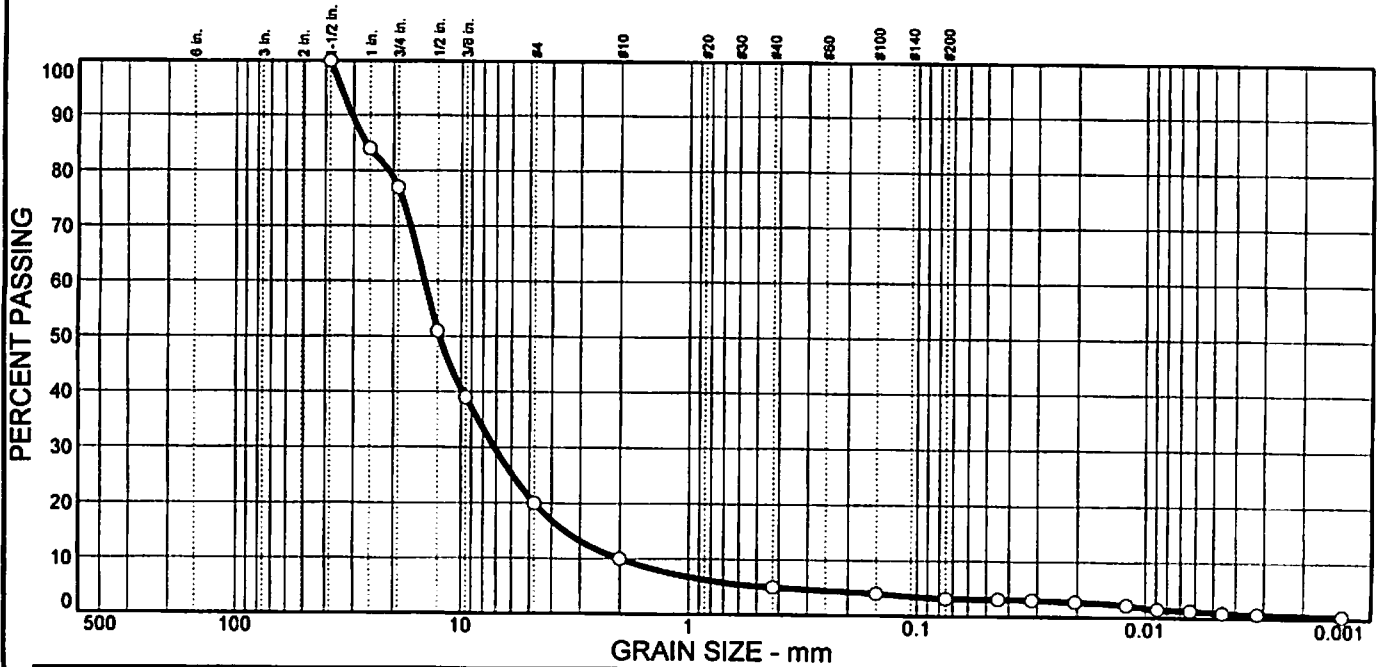
Date: 11-19-10

Sample No: ST3150S15

Source of Sample: Settling Basin 9-15 SCA

Location: SB915-MW-88BR

Elev./Depth: 38'-40'



% COBBLES	% GRAVEL		% SAND			% FINES	
	CRS.	FINE	CRS.	MEDIUM	FINE	SILT	CLAY
0	23	57	10	5	2	2	1

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	OUT OF SPEC. (X)
1-1/2 in.	100		
1 in.	84		
3/4 in.	77		
1/2 in.	51		
3/8 in.	39		
#4	20		
#10	10		
#40	5		
#100	4		
#200	3.2		

Soil Description
 Light Brown c-mf GRAVEL; little cmf- SAND; trace SILT; trace CLAY
 Field Sample ID: SB915-4001-03

Atterberg Limits
 PL= --- LL= --- PI= ---

Coefficients
 D₈₅= 26.4 D₆₀= 14.5 D₅₀= 12.5
 D₃₀= 7.12 D₁₅= 3.49 D₁₀= 2.00
 C_u= 7.27 C_c= 1.74

Classification
 USCS= --- AASHTO= ---

Remarks
 ASTM D 422
 Sampled by Client on 10-12-10
 Est. Dry Bulk Density = 119.9 pcf

* (no specification provided)



Particle Size Distribution Report

Project: Hydrogeologic Investigation

Report No.: ST3150SL-16-11-10

Client: O'Brien and Gere

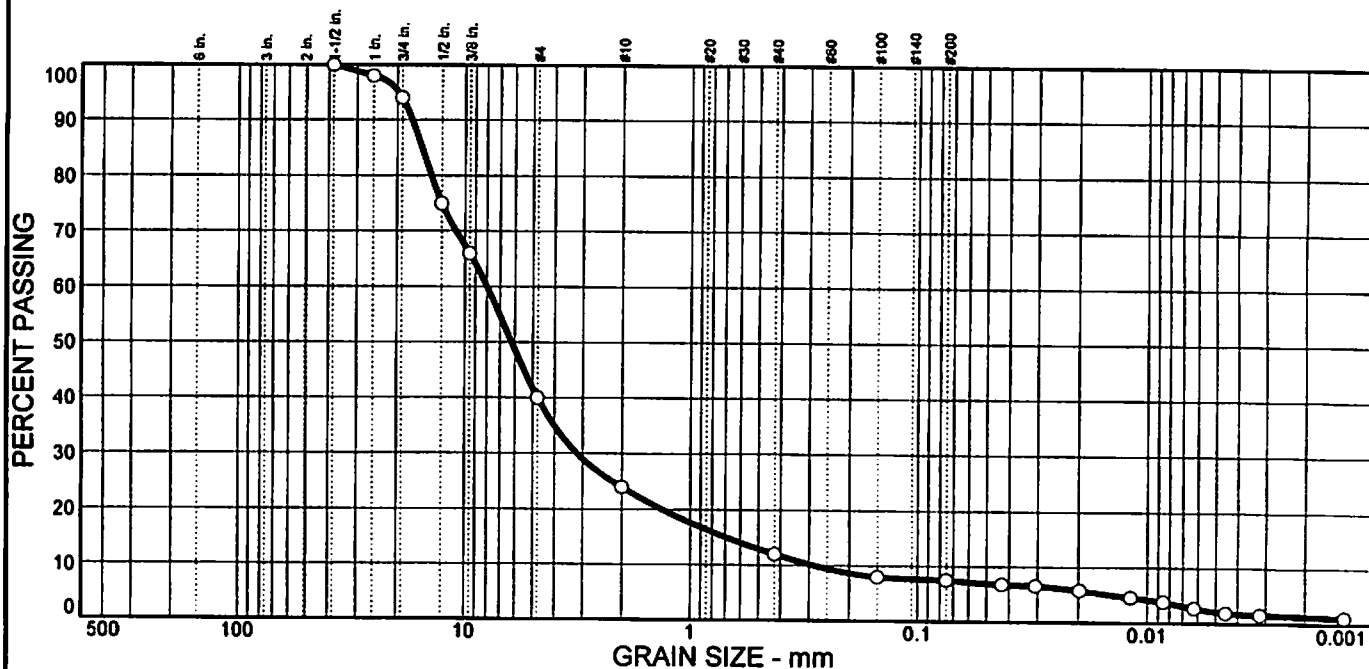
Date: 11-19-10

Sample No: ST3150S16

Source of Sample: Settling Basin 9-15 SCA

Location: SB915-MW-88BR

Elev./Depth: 52'-54'



% COBBLES	% GRAVEL		% SAND			% FINES	
	CRS.	FINE	CRS.	MEDIUM	FINE	SILT	CLAY
0	6	54	16	12	5	5	2

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	OUT OF SPEC. (X)
1-1/2 in.	100		
1 in.	98		
3/4 in.	94		
1/2 in.	75		
3/8 in.	66		
#4	40		
#10	24		
#40	12		
#100	8		
#200	7.5		

Soil Description
Brown c-mf GRAVEL; some cmf- SAND; trace SILT; trace CLAY
Field Sample ID: SB915-4001-04

Atterberg Limits
PL= --- LL= --- PI= ---

Coefficients
D₈₅= 15.6 D₆₀= 7.99 D₅₀= 6.21
D₃₀= 3.16 D₁₅= 0.693 D₁₀= 0.286
C_u= 27.99 C_c= 4.36

Classification
USCS= --- AASHTO= ---

Remarks
ASTM D 422
Sampled by Client on 10-12-10
Est. Dry Bulk Density = 121.7 pcf

* (no specification provided)



Particle Size Distribution Report

Project: Hydrogeologic Investigation

Report No.: ST3150SL-17-11-10

Client: O'Brien and Gere

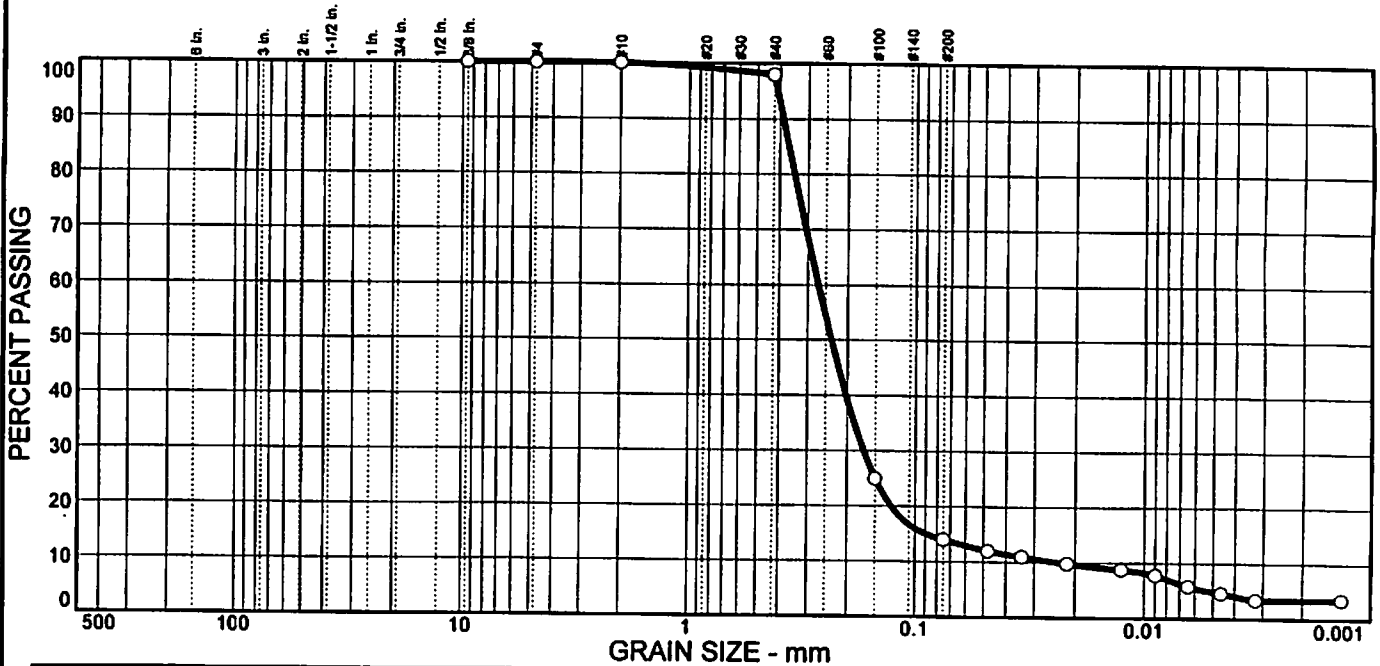
Date: 11-19-10

Sample No: ST3150S17

Source of Sample: Settling Basin 9-15 SCA

Location: SB915-MW-88BR

Elev./Depth: 58'-60'



% COBBLES	% GRAVEL		% SAND			% FINES	
	CRS.	FINE	CRS.	MEDIUM	FINE	SILT	CLAY
0	0	0	0	2	84	9	5

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	OUT OF SPEC. (X)
3/8 in.	100		
#4	100		
#10	100		
#40	98		
#100	25		
#200	14		

Soil Description
Brown mf+ SAND; trace SILT; trace CLAY
Field Sample ID: SB915-4001-05

Atterberg Limits
PL= --- LL= --- PI= ---

Coefficients
D₈₅= 0.365 D₆₀= 0.269 D₅₀= 0.235
D₃₀= 0.169 D₁₅= 0.0895 D₁₀= 0.0235
C_u= 11.43 C_c= 4.49

Classification
USCS= --- AASHTO= ---

Remarks
ASTM D 422
Sampled by Client on 10-12-10
Est. Dry Bulk Density = 108.2 pcf

* (no specification provided)

ATLANTIC TESTING LABORATORIES, LIMITED

Reviewed by: J. L. C.

Date: 11/30/10



Particle Size Distribution Report

Project: Hydrogeologic Investigation

Report No.: ST3150SL-18-11-10

Client: O'Brien and Gere

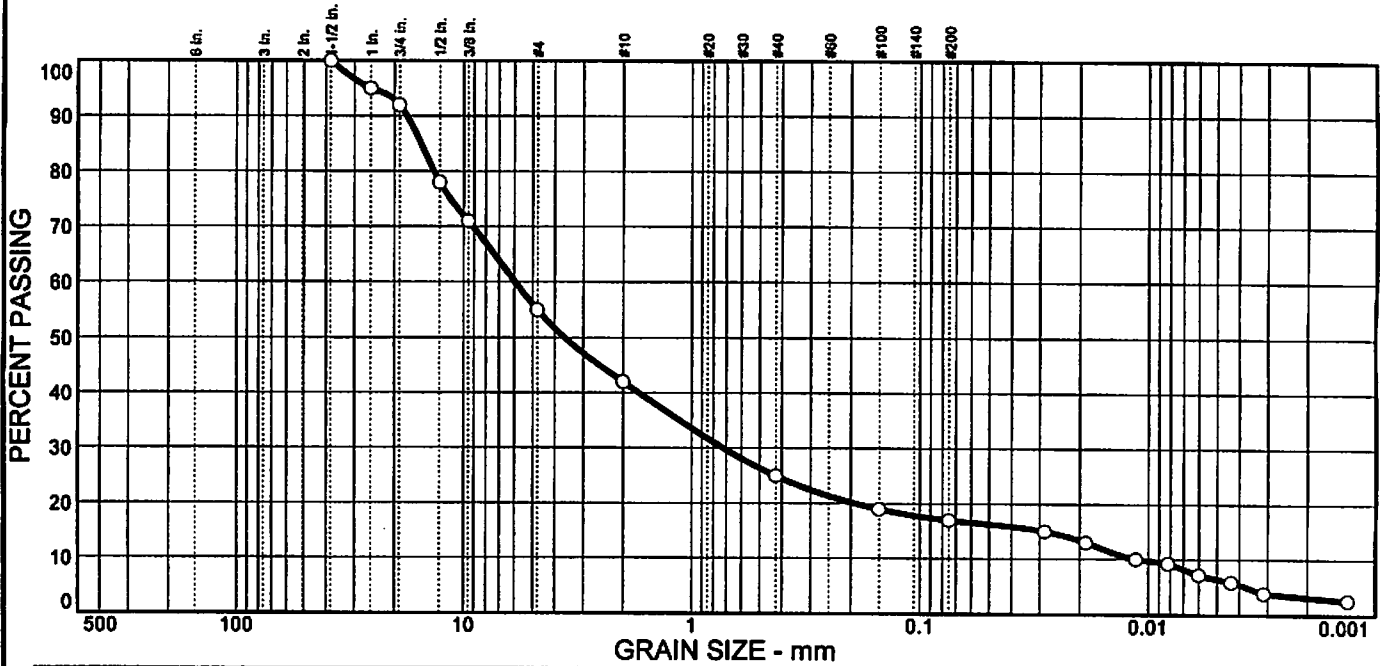
Date: 11-29-10

Sample No: ST3150S18

Source of Sample: Settling Basin 9-15 SCA

Location: SB915-MW-88BR

Elev./Depth: 70'-72'



% COBBLES	% GRAVEL		% SAND			% FINES	
	CRS.	FINE	CRS.	MEDIUM	FINE	SILT	CLAY
0	8	37	13	17	8	11	6

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	OUT OF SPEC. (X)
1-1/2 in.	100		
1 in.	95		
3/4 in.	92		
1/2 in.	78		
3/8 in.	71		
#4	55		
#10	42		
#40	25		
#100	19		
#200	17		

Soil Description

GREY c-mf GRAVEL; and cmf- SAND; little SILT; trace CLAY
 Field Sample ID: SB915-4001-06

Atterberg Limits

PL= --- LL= --- PI= ---

Coefficients

D₈₅= 15.3 D₆₀= 5.95 D₅₀= 3.60
 D₃₀= 0.722 D₁₅= 0.0285 D₁₀= 0.0114
 C_u= 524.24 C_c= 7.70

Classification

USCS= --- AASHTO= ---

Remarks

ASTM D 422
 Sampled by Client on 10-13-10
 Est. Dry Bulk Density = 134.5 pcf

* (no specification provided)

Reviewed by: *J. C. O'Brien*

Date: 11/3/10



Particle Size Distribution Report

Project: Hydrogeologic Investigation

Report No.: ST3150SL-07-11-10

Client: O'Brien and Gere

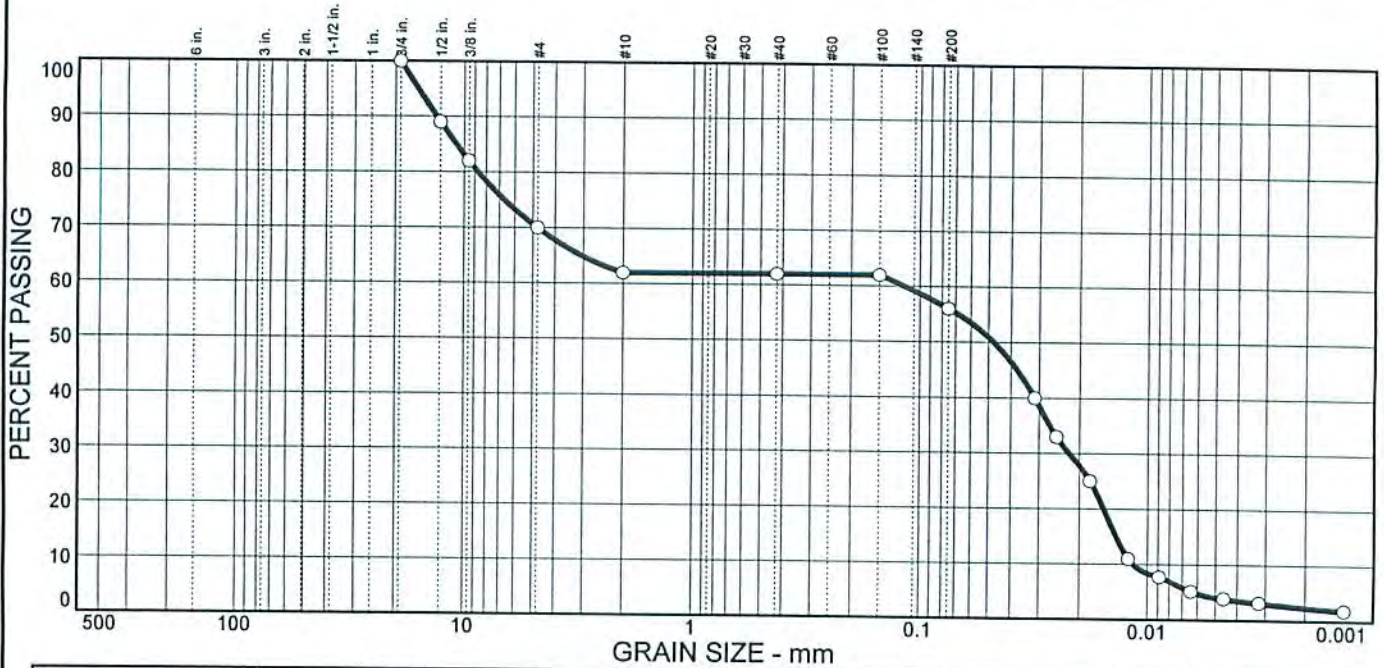
Date: 11-12-10

Sample No: ST3150S07

Source of Sample: Settling Basin 9-15 SCA

Location: SB915-MW-89BR

Elev./Depth: 10'-12'



% COBBLES	% GRAVEL		% SAND			% FINES	
	CRS.	FINE	CRS.	MEDIUM	FINE	SILT	CLAY
0	0	30	8	0	6	52	4

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	OUT OF SPEC. (X)
3/4 in.	100		
1/2 in.	89		
3/8 in.	82		
#4	70		
#10	62		
#40	62		
#100	62		
#200	56		

Soil Description
 Brown SILT; some mf+ GRAVEL; little c+mf SAND; trace CLAY
 Field Sample ID: SB915-4000-07

Atterberg Limits
 PL= --- LL= --- PI= ---

Coefficients
 D₈₅= 10.8 D₆₀= 0.117 D₅₀= 0.0474
 D₃₀= 0.0221 D₁₅= 0.0138 D₁₀= 0.0116
 C_u= 10.10 C_c= 0.36

Classification
 USCS= --- AASHTO= ---

Remarks
 ASTM D 422
 Sampled by Client on 10-07-10
 Est. Dry Bulk Density = 94.7 pcf

* (no specification provided)

Reviewed by: *[Signature]*

Date: 11/18/10



ATLANTIC TESTING LABORATORIES

Particle Size Distribution Report

Project: Hydrogeologic Investigation

Report No.: ST3150SL-08-11-10

Client: O'Brien and Gere

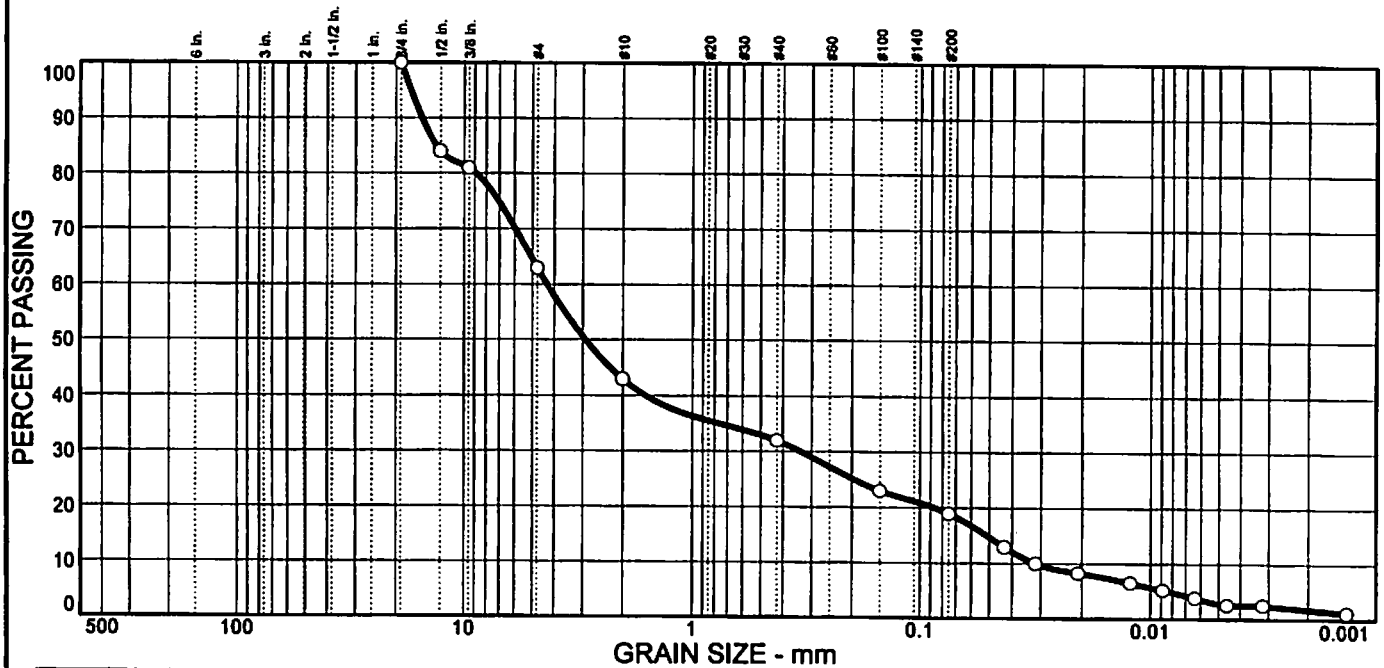
Date: 11-12-10

Sample No: ST3150S08

Source of Sample: Settling Basin 9-15 SCA

Location: SB915-MW-89BR

Elev./Depth: 20'-22'



% COBBLES	% GRAVEL		% SAND			% FINES	
	CRS.	FINE	CRS.	MEDIUM	FINE	SILT	CLAY
0	0	37	20	11	13	16	3

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	OUT OF SPEC. (X)
3/4 in.	100		
1/2 in.	84		
3/8 in.	81		
#4	63		
#10	43		
#40	32		
#100	23		
#200	19		

Soil Description

Brown c+mf SAND; and mf GRAVEL; little SILT; trace CLAY
 Field Sample ID: SB915-4000-08

Atterberg Limits

PL= --- LL= --- PI= ---

Coefficients

D₈₅= 13.3 D₆₀= 4.30 D₅₀= 2.91
 D₃₀= 0.332 D₁₅= 0.0512 D₁₀= 0.0316
 C_u= 135.81 C_c= 0.81

Classification

USCS= --- AASHTO= ---

Remarks

ASTM D 422
 Sampled by Client on 10-07-10
 Est. Dry Bulk Density = 114.4 pcf

* (no specification provided)

ATLANTIC TESTING LABORATORIES, LIMITED

Reviewed by: *[Signature]*

Date: 11/10/10



Particle Size Distribution Report

Project: Hydrogeologic Investigation

Report No.: ST3150-09-11-10

Client: O'Brien and Gere

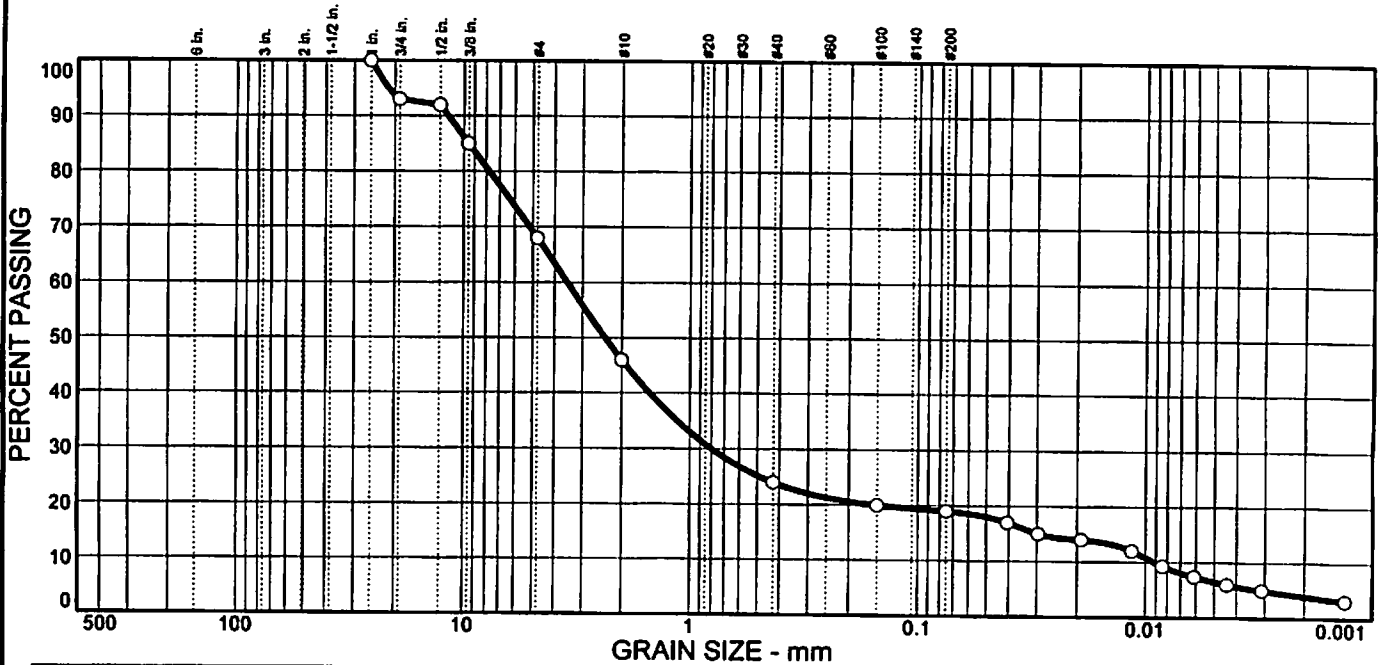
Date: 11-19-10

Sample No: ST3150S09

Source of Sample: Settling Basin 9-15 SCA

Location: SB915-MW-89BR

Elev./Depth: 36'-38'



% COBBLES	% GRAVEL		% SAND			% FINES	
	CRS.	FINE	CRS.	MEDIUM	FINE	SILT	CLAY
0	7	25	22	22	5	13	6

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	OUT OF SPEC. (X)
1 in.	100		
3/4 in.	93		
1/2 in.	92		
3/8 in.	85		
#4	68		
#10	46		
#40	24		
#100	20		
#200	19		

Soil Description
 Brown cmf- SAND; some mf+ GRAVEL; little SILT; trace CLAY
 Field Sample ID: SB915-4000-09

Atterberg Limits
 PL= --- LL= --- PI= ---

Coefficients
 D₈₅= 9.52 D₆₀= 3.50 D₅₀= 2.37
 D₃₀= 0.795 D₁₅= 0.0296 D₁₀= 0.0091
 C_u= 382.91 C_c= 19.78

Classification
 USCS= --- AASHTO= ---

Remarks
 ASTM D 422
 Sampled by Client on 10-07-10
 Est. Dry Bulk Density = 136.5 pcf

* (no specification provided)

ATLANTIC TESTING LABORATORIES, LIMITED

Reviewed by:

Date: 4/22/10



Particle Size Distribution Report

Project: Hydrogeologic Investigation

Report No.: ST3150SL-10-11-10

Client: O'Brien and Gere

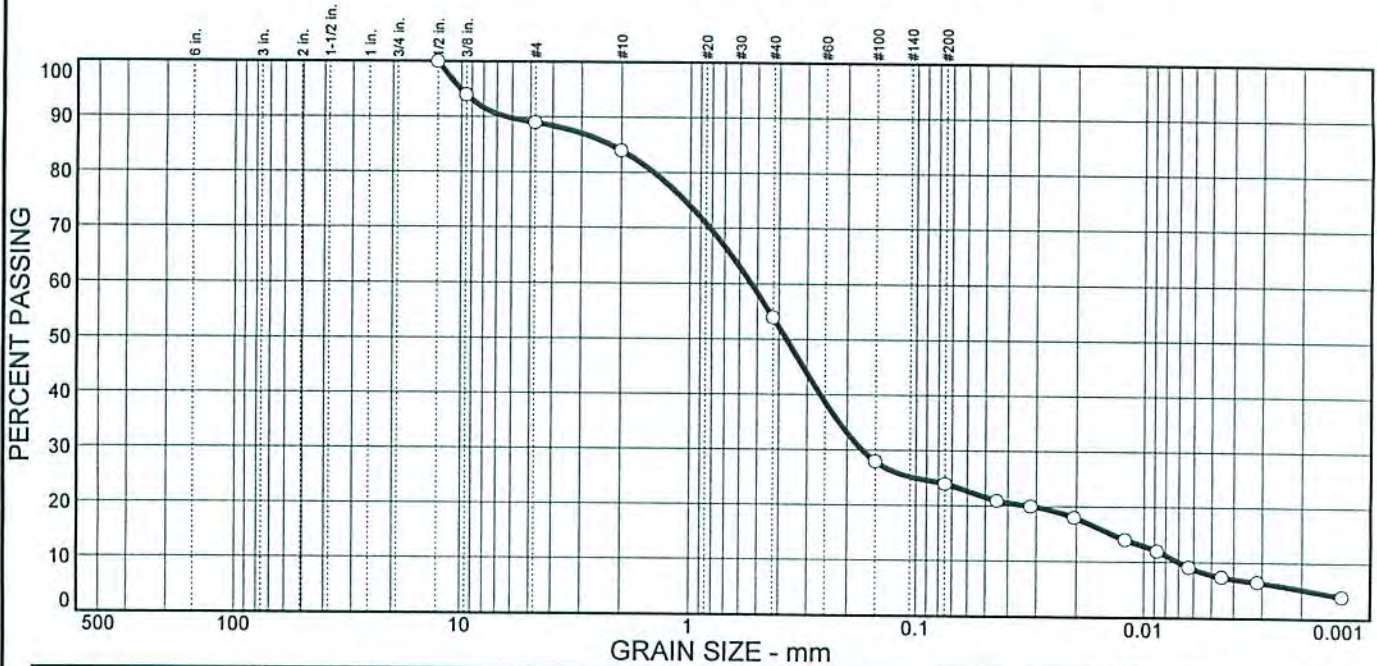
Date: 11-19-10

Sample No: ST3150S10

Source of Sample: Settling Basin 9-15 SCA

Location: SB915-MW-89BR

Elev./Depth: 48'-50-



% COBBLES	% GRAVEL		% SAND			% FINES	
	CRS.	FINE	CRS.	MEDIUM	FINE	SILT	CLAY
0	0	11	5	30	30	16	8

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	OUT OF SPEC. (X)
1/2 in.	100		
3/8 in.	94		
#4	89		
#10	84		
#40	54		
#100	28		
#200	24		

Soil Description
Brown c-mf SAND; little SILT; little fine GRAVEL; trace CLAY
Field Sample ID: SB915-4000-10

Atterberg Limits
PL= --- LL= --- PI= ---

Coefficients
D₈₅= D₆₀= D₅₀=
D₃₀= D₁₅= D₁₀=
C_u= C_c=

Classification
USCS= --- AASHTO= ---

Remarks
ASTM D 422
Sampled by Client on 10-07-10
Est. Dry Bulk Density = 122.7 pcf

* (no specification provided)



Particle Size Distribution Report

Project: Hydrogeologic Investigation

Report No.: ST3150SL-11-11-10

Client: O'Brien and Gere

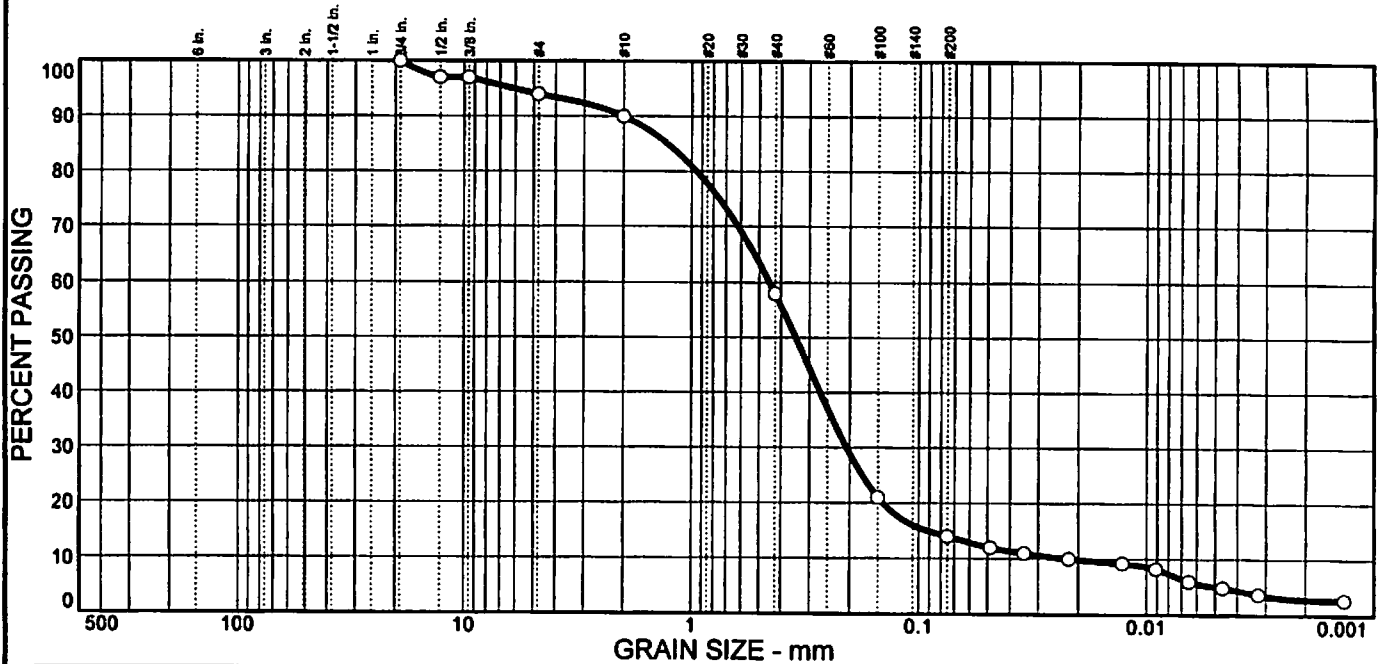
Date: 11-19-10

Sample No: ST3150S11

Source of Sample: Settling Basin 9-15 SCA

Location: SB915-MW-89BR

Elev./Depth: 58'-60'



% COBBLES	% GRAVEL		% SAND			% FINES	
	CRS.	FINE	CRS.	MEDIUM	FINE	SILT	CLAY
0	0	6	4	32	44	9	5

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	OUT OF SPEC. (X)
3/4 in.	100		
1/2 in.	97		
3/8 in.	97		
#4	94		
#10	90		
#40	58		
#100	21		
#200	14		

* (no specification provided)

Soil Description
 Light Brown c-mf SAND; trace SILT; trace fine GRAVEL; trace CLAY
 Field Sample ID: SB915-4000-11

Atterberg Limits
 PL= --- LL= --- PI= ---

Coefficients
 D₈₅= 1.27 D₆₀= 0.450 D₅₀= 0.345
 D₃₀= 0.205 D₁₅= 0.0916 D₁₀= 0.0220
 C_u= 20.45 C_c= 4.27

Classification
 USCS= --- AASHTO= ---

Remarks
 ASTM D 422
 Sampled by Client on 10-07-10
 Est. Dry Bulk Density = 118.2 pcf

ATLANTIC TESTING LABORATORIES, LIMITED

Reviewed by: [Signature]

Date: 11/30/10



ATLANTIC TESTING LABORATORIES

Particle Size Distribution Report

Project: Hydrogeologic Investigation

Report No.: ST3150SL-12-11-10

Client: O'Brien and Gere

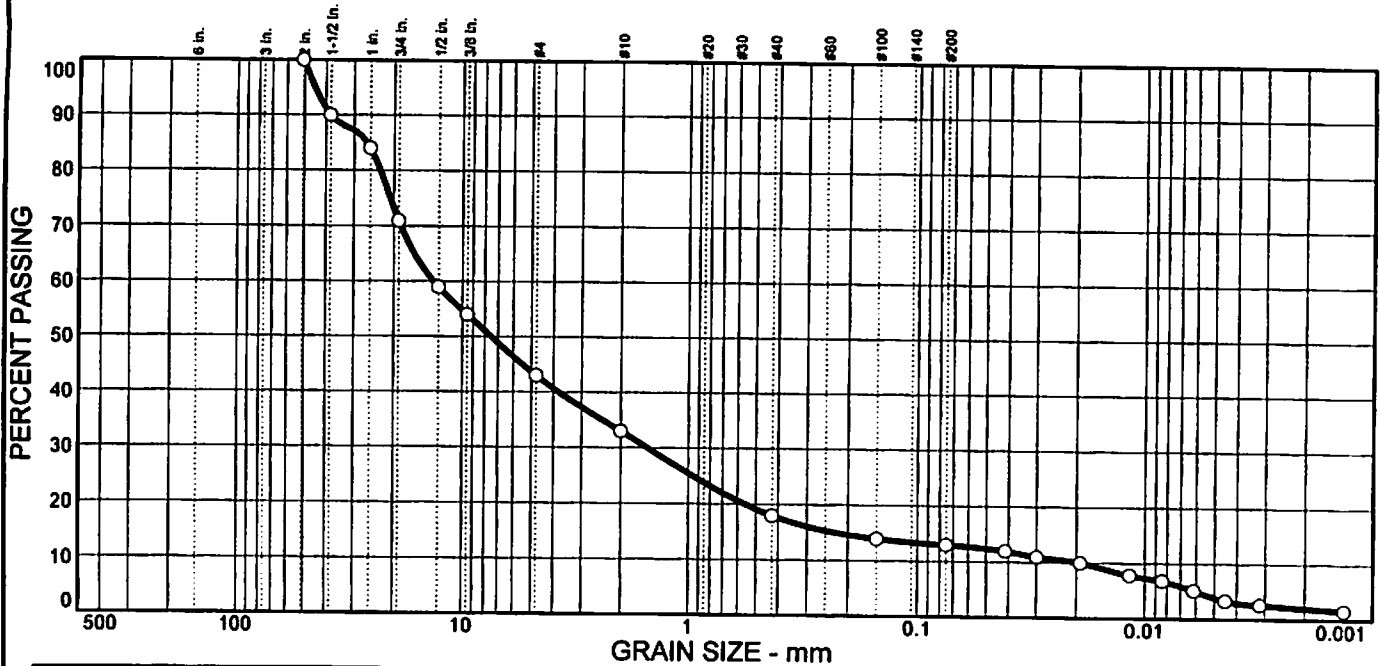
Date: 11-19-10

Sample No: ST3150S12

Source of Sample: Settling Basin 9-15 SCA

Location: SB915-MW-89BR

Elev./Depth: 80'-82'



% COBBLES	% GRAVEL		% SAND			% FINES	
	CRS.	FINE	CRS.	MEDIUM	FINE	SILT	CLAY
0	29	28	10	15	5	9	4

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	OUT OF SPEC. (X)
2 in.	100		
1-1/2 in.	90		
1 in.	84		
3/4 in.	71		
1/2 in.	59		
3/8 in.	54		
#4	43		
#10	33		
#40	18		
#100	14		
#200	13		

Soil Description

Grey cm+f GRAVEL; some cmf- SAND; trace SILT; trace CLAY
 Field Sampled ID: SB915-4000-12

Atterberg Limits

PL= --- LL= --- PI= ---

Coefficients

D₈₅= 26.3 D₆₀= 13.3 D₅₀= 7.47
 D₃₀= 1.52 D₁₅= 0.224 D₁₀= 0.0192
 C_u= 694.01 C_c= 8.95

Classification

USCS= --- AASHTO= ---

Remarks

ASTM D 422
 Sampled by Client on 10-08-10
 Est. Dry Bulk Density = 128.1 pcf

* (no specification provided)

Reviewed by: *[Signature]*

Date: 11/30/10



Particle Size Distribution Report

Project: Hydrogeologic Investigation

Report No.: ST3150SL-25-11-10

Client: O'Brien and Gere

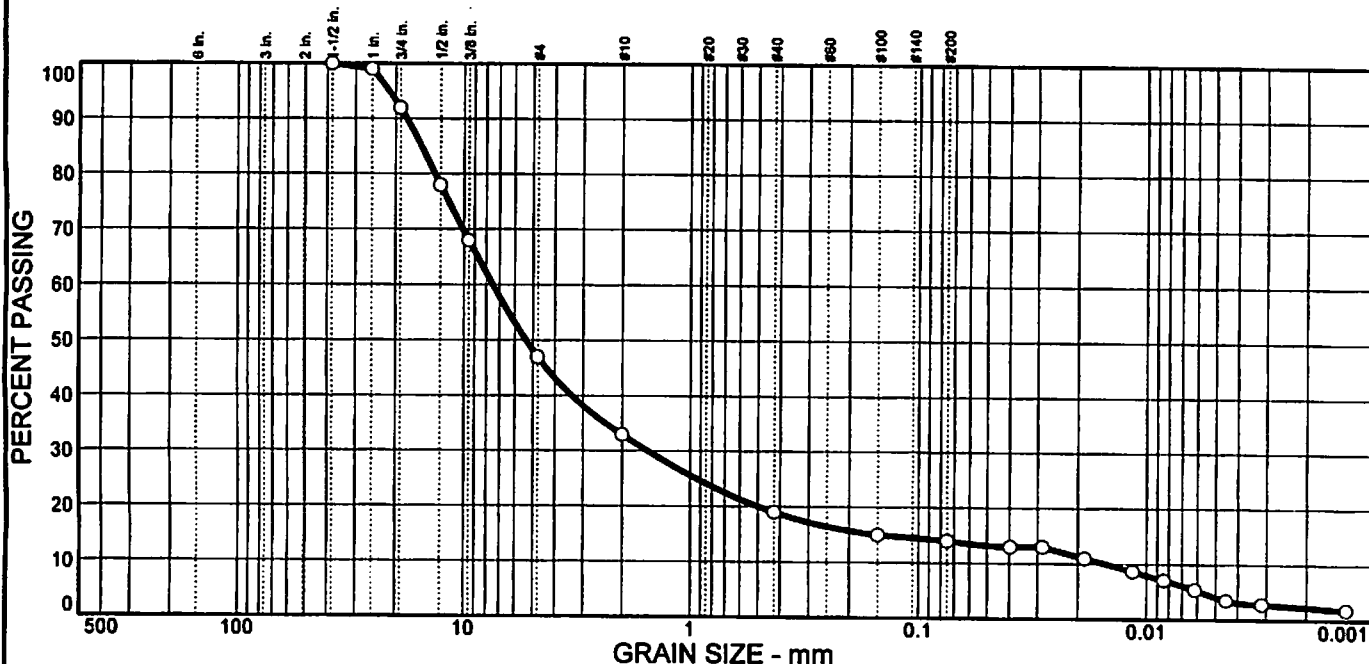
Date: 11-30-10

Sample No: ST3150S25

Source of Sample: Settling Basin 9-15 SCA

Location: SB915-MW-90BR

Elev./Depth: 27'-29'



% COBBLES	% GRAVEL		% SAND			% FINES	
	CRS.	FINE	CRS.	MEDIUM	FINE	SILT	CLAY
0	8	45	14	14	5	10	4

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	OUT OF SPEC. (X)
1-1/2 in.	100		
1 in.	99		
3/4 in.	92		
1/2 in.	78		
3/8 in.	68		
#4	47		
#10	33		
#40	19		
#100	15		
#200	14		

* (no specification provided)

Soil Description

Brown c-mf GRAVEL; some cmf- SAND; trace SILT; trace CLAY
Field Sample ID: SB915-4003-01

Atterberg Limits

PL= --- LL= --- PI= ---

Coefficients

D₈₅= 15.4 D₆₀= 7.48 D₅₀= 5.35
D₃₀= 1.53 D₁₅= 0.150 D₁₀= 0.0151
C_u= 496.68 C_c= 20.85

Classification

USCS= --- AASHTO= ---

Remarks

ASTM D 422
Sampled by Client on 10-19-10
Est. Dry Bulk Density = 126.7 pcf

ATLANTIC TESTING LABORATORIES, LIMITED

Reviewed by: _____

Date: 12/3/10



Particle Size Distribution Report

Project: Hydrogeologic Investigation

Report No.: ST3150SL-26-11-10

Client: O'Brien and Gere

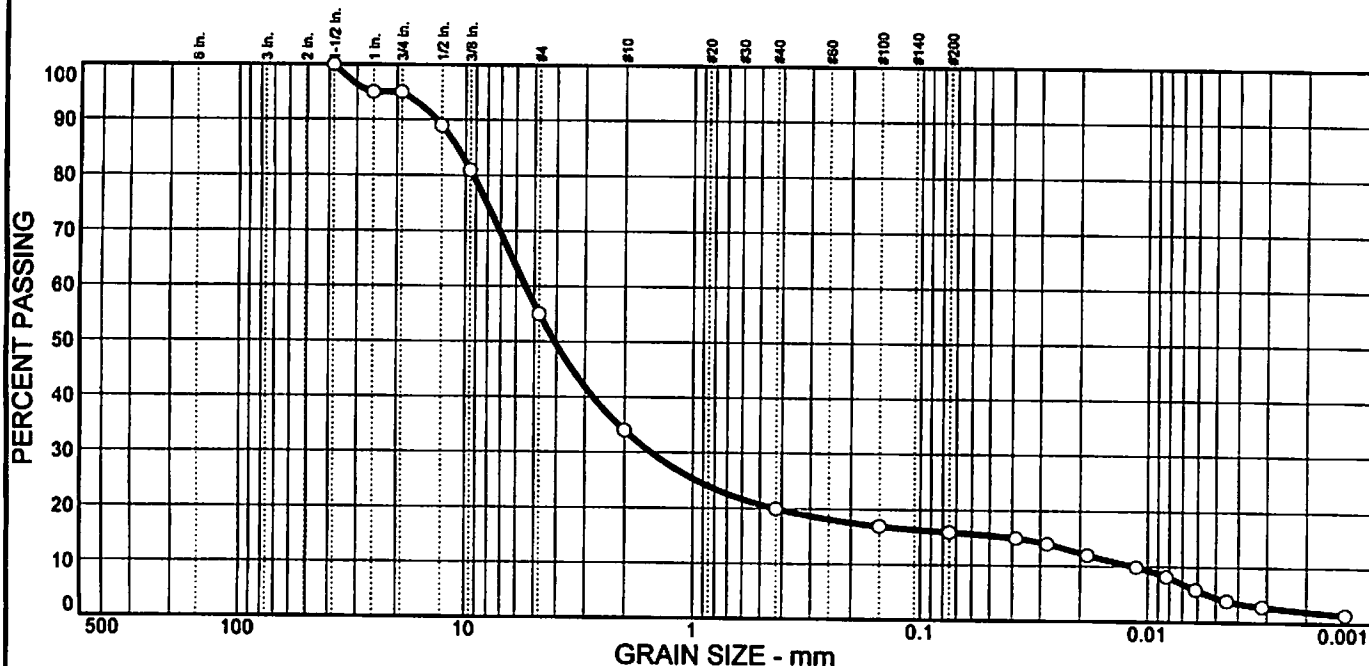
Date: 11-30-10

Sample No: ST3150S26

Source of Sample: Settling Basin 9-15 SCA

Location: SB915-MW-90BR

Elev./Depth: 37'-39'



% COBBLES	% GRAVEL		% SAND			% FINES	
	CRS.	FINE	CRS.	MEDIUM	FINE	SILT	CLAY
0	5	40	21	14	4	12	4

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	OUT OF SPEC. (X)
1-1/2 in.	100		
1 in.	95		
3/4 in.	95		
1/2 in.	89		
3/8 in.	81		
#4	55		
#10	34		
#40	20		
#100	17		
#200	16		

Soil Description
 Brown c-mf GRAVEL; and cmf- SAND; little SILT; trace CLAY
 Field Sample ID: SB915-4003-02

Atterberg Limits
 PL= -- LL= -- PI= --

Coefficients
 D₈₅= 10.8 D₆₀= 5.46 D₅₀= 4.07
 D₃₀= 1.53 D₁₅= 0.0384 D₁₀= 0.0115
 C_u= 474.66 C_c= 37.13

Classification
 USCS= -- AASHTO= --

Remarks
 ASTM D 422
 Sampled by Client on 10-19-10
 Est. Dry Bulk Density = 130.6 pcf

* (no specification provided)

ATLANTIC TESTING LABORATORIES, LIMITED

Reviewed by: *[Signature]*

Date: 12/3/10



Particle Size Distribution Report

Project: Hydrogeologic Investigation

Report No.: ST3150SL-27-11-10

Client: O'Brien and Gere

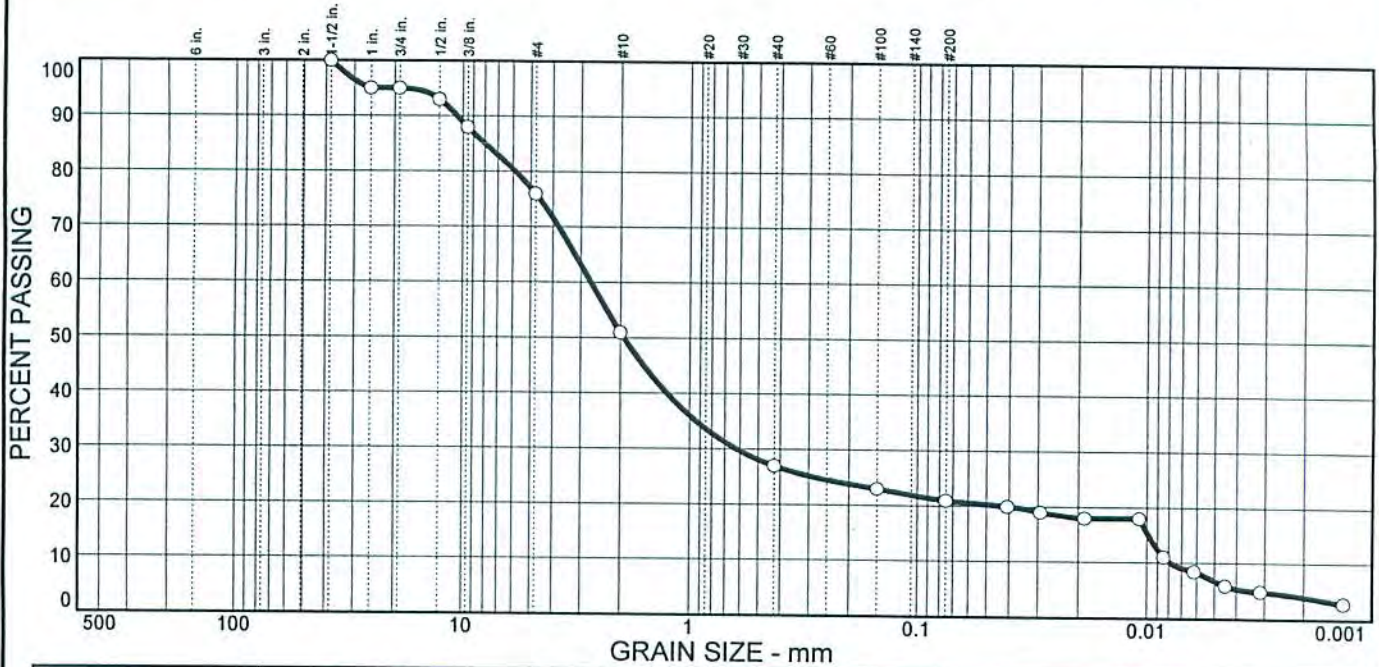
Date: 11-30-10

Sample No: ST3150S27

Source of Sample: Settling Basin 9-15 SCA

Location: SB915-MW-90BR

Elev./Depth: 51'-53'



% COBBLES	% GRAVEL		% SAND			% FINES	
	CRS.	FINE	CRS.	MEDIUM	FINE	SILT	CLAY
0	5	19	25	24	6	14	7

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	OUT OF SPEC. (X)
1-1/2 in.	100		
1 in.	95		
3/4 in.	95		
1/2 in.	93		
3/8 in.	88		
#4	76		
#10	51		
#40	27		
#100	23		
#200	21		

Soil Description
 Brown cmf- SAND; some cmf+ GRAVEL; little SILT; trace CLAY
 Field Sample ID: SB915-4003-03

Atterberg Limits
 PL= --- LL= --- PI= ---

Coefficients
 D₈₅= 7.97 D₆₀= 2.70 D₅₀= 1.93
 D₃₀= 0.620 D₁₅= 0.0099 D₁₀= 0.0079
 C_u= 342.00 C_c= 17.99

Classification
 USCS= --- AASHTO= ---

Remarks
 ASTM D 422
 Sampled by Client on 10-20-10
 Est. Dry Bulk Density = 132.4 pcf

* (no specification provided)

ATLANTIC TESTING LABORATORIES, LIMITED

Reviewed by: J. L. C.

Date: 12/3/10



Particle Size Distribution Report

Project: Hydrogeologic Investigation

Report No.: ST3150SL-28-11-10

Client: O'Brien and Gere

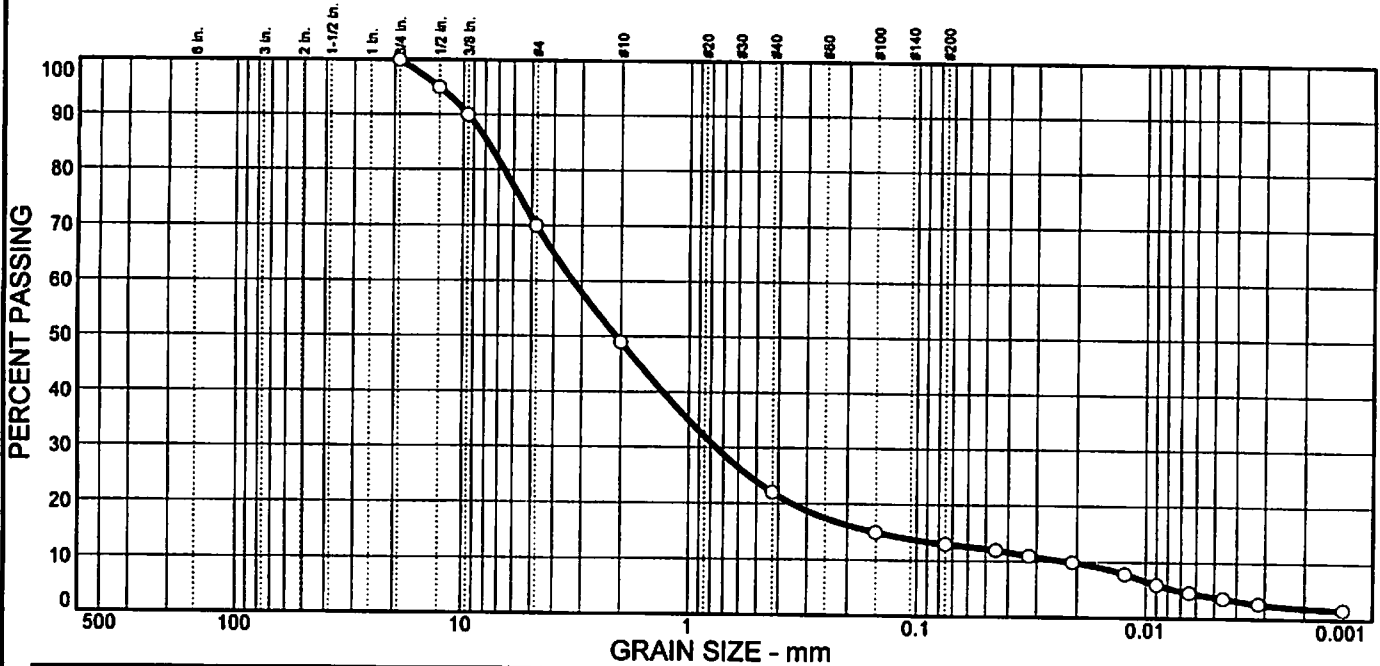
Date: 11-30-10

Sample No: ST3150S28

Source of Sample: Settling Basin 9-15 SCA

Location: SB915-MW-90BR

Elev./Depth: 65'-67'



% COBBLES	% GRAVEL		% SAND			% FINES	
	CRS.	FINE	CRS.	MEDIUM	FINE	SILT	CLAY
0	0	30	21	27	9	9	4

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	OUT OF SPEC. (X)
3/4 in.	100		
1/2 in.	95		
3/8 in.	90		
#4	70		
#10	49		
#40	22		
#100	15		
#200	13		

Soil Description
Brown cmf- SAND; some mf+ GRAVEL; trace SILT; trace CLAY
Field Sample ID: SB915-4003-04

Atterberg Limits
PL= --- LL= --- PI= ---

Coefficients
D₈₅= 7.80 D₆₀= 3.26 D₅₀= 2.10
D₃₀= 0.752 D₁₅= 0.150 D₁₀= 0.0217
C_u= 150.49 C_c= 8.00

Classification
USCS= --- AASHTO= ---

Remarks
ASTM D 422
Sampled by Client on 10-21-10
Est. Dry Bulk Density = 131.2 pcf

* (no specification provided)

Reviewed by: J. A. C.

Date: 12/3/10



ATLANTIC TESTING LABORATORIES

Particle Size Distribution Report

Project: Hydrogeologic Investigation

Report No.: ST3150SL-29-11-10

Client: O'Brien and Gere

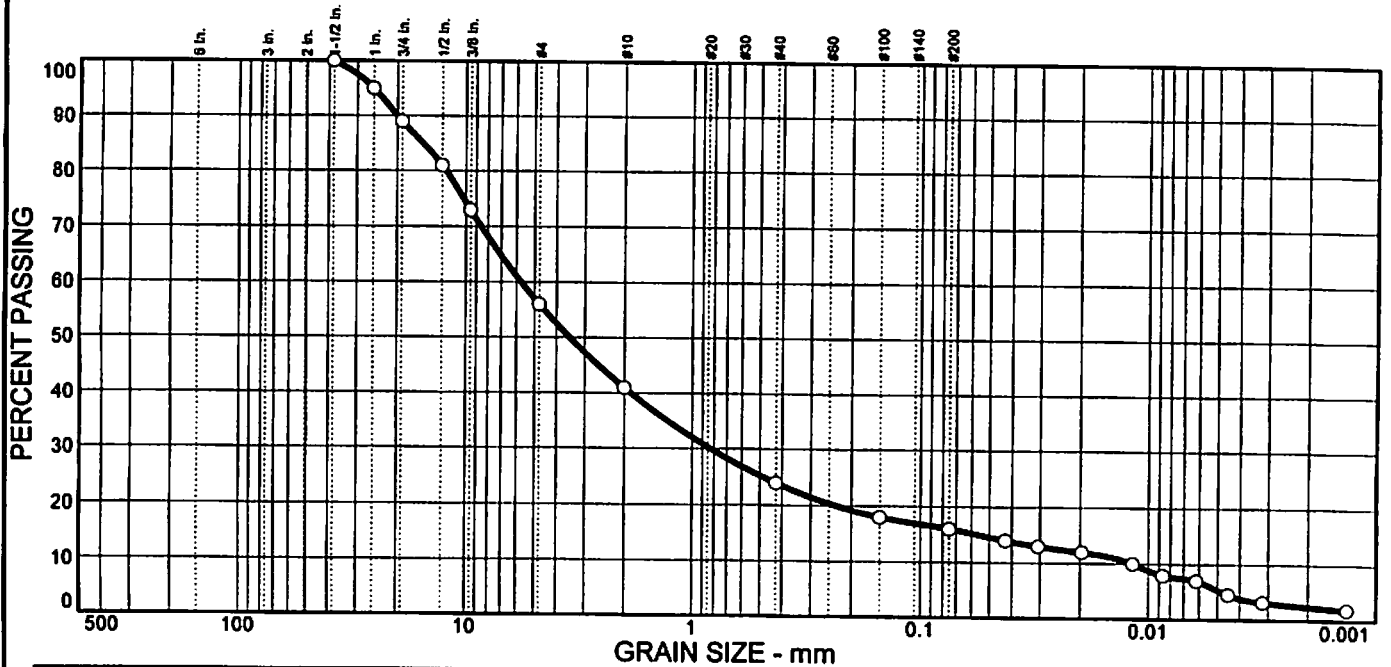
Date: 11-30-10

Sample No: ST3150S29

Source of Sample: Settling Basin 9-15 SCA

Location: SB915-MW-90BR

Elev./Depth: 79'-81'



% COBBLES	% GRAVEL		% SAND			% FINES	
	CRS.	FINE	CRS.	MEDIUM	FINE	SILT	CLAY
0	11	33	15	17	8	11	5

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	OUT OF SPEC. (X)
1-1/2 in.	100		
1 in.	95		
3/4 in.	89		
1/2 in.	81		
3/8 in.	73		
#4	56		
#10	41		
#40	24		
#100	18		
#200	16		

Soil Description
Brown cmf+ GRAVEL; and cmf- SAND; little SILT; trace CLAY
Field Sample ID: SB915-4003-05

Atterberg Limits
PL= --- LL= --- PI= ---

Coefficients
D₈₅= 15.4 D₆₀= 5.72 D₅₀= 3.48
D₃₀= 0.824 D₁₅= 0.0562 D₁₀= 0.0117
C_u= 488.25 C_c= 10.15

Classification
USCS= --- AASHTO= ---

Remarks
ASTM D 422
Sampled by Client on 10-26-10
Est. Dry Bulk Density = 126.2 pcf

* (no specification provided)

ATLANTIC TESTING LABORATORIES, LIMITED

Reviewed by: J. [Signature]

Date: 12/1/10



Particle Size Distribution Report

Project: Hydrogeologic Investigation

Report No.: ST3150SL-30-11-10

Client: O'Brien and Gere

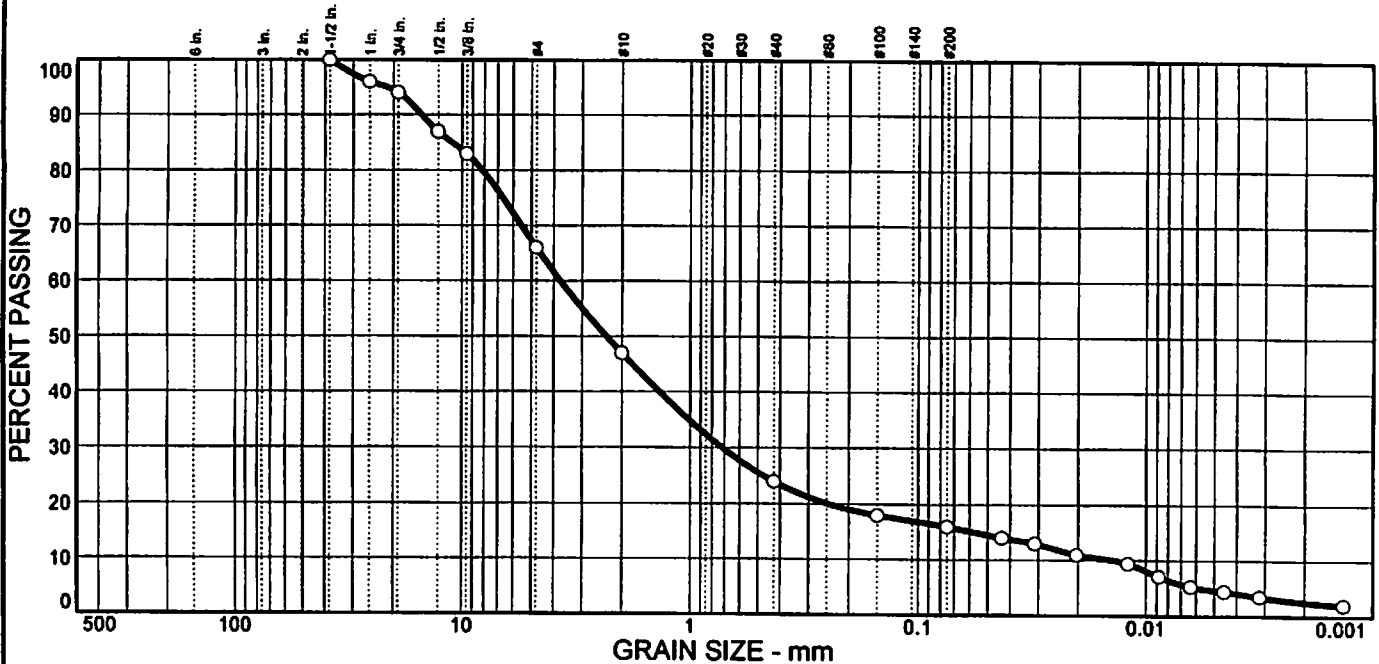
Date: 11-30-10

Sample No: ST3150S30

Source of Sample: Settling Basin 9-15 SCA

Location: SB915-MW-90BR

Elev./Depth: 98'-100'



% COBBLES	% GRAVEL		% SAND			% FINES	
	CRS.	FINE	CRS.	MEDIUM	FINE	SILT	CLAY
0	6	28	19	23	8	11	5

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	OUT OF SPEC. (X)
1-1/2 in.	100		
1 in.	96		
3/4 in.	94		
1/2 in.	87		
3/8 in.	83		
#4	66		
#10	47		
#40	24		
#100	18		
#200	16		

Soil Description
 Grey cmf- SAND; some cmf+ GRAVEL; little SILT; trace CLAY
 Field Sample ID: SB915-4003-06

Atterberg Limits
 PL= --- LL= --- PI= ---

Coefficients
 D₈₅= 11.0 D₆₀= 3.73 D₅₀= 2.34
 D₃₀= 0.716 D₁₅= 0.0575 D₁₀= 0.0138
 C_u= 269.88 C_c= 9.94

Classification
 USCS= --- AASHTO= ---

Remarks
 ASTM D 422
 Sampled by Client on 11-03-10
 Est. Dry Bulk Density = 135.1 pcf

* (no specification provided)

Reviewed by: J. K. L.

Date: 12/3/10



ATLANTIC TESTING LABORATORIES

Particle Size Distribution Report

Project: Hydrogeologic Investigation

Report No.: ST3150SL-31-11-10

Client: O'Brien and Gere

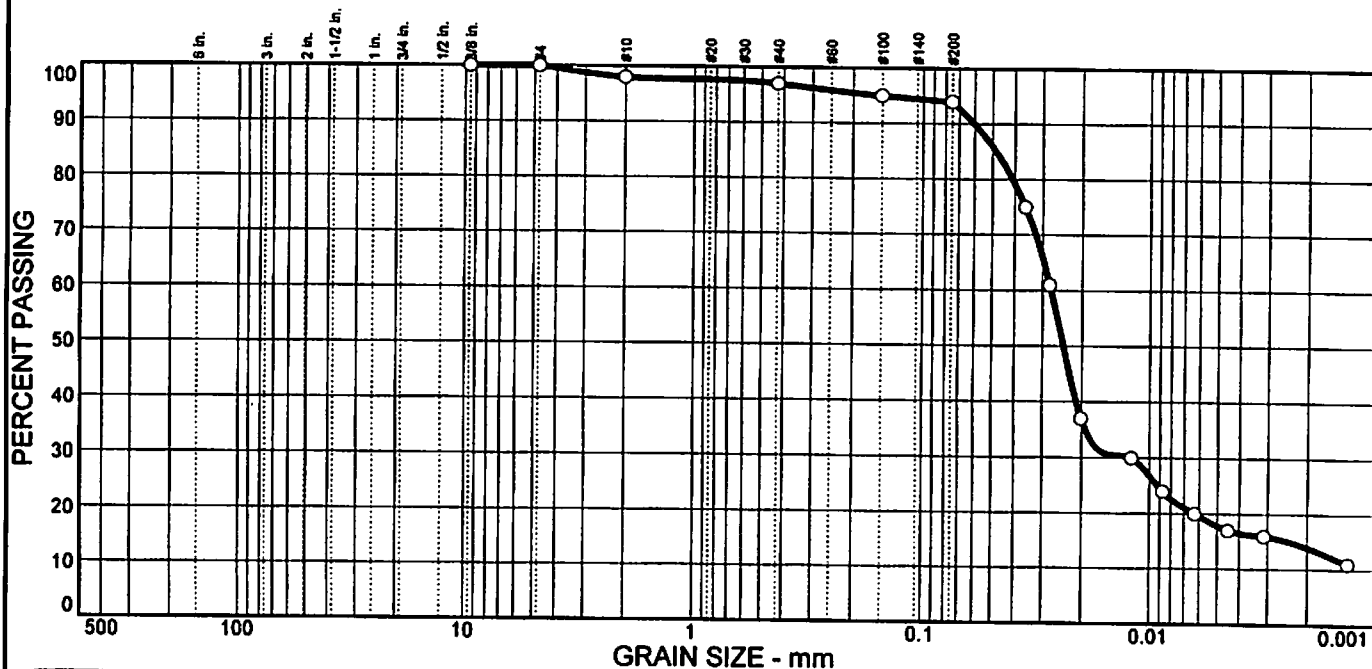
Date: 11-30-10

Sample No: ST3150S31

Source of Sample: Settling Basin 9-15 SCA

Location: SB915-MW-91BR

Elev./Depth: 60'-62'



% COBBLES	% GRAVEL		% SAND			% FINES	
	CRS.	FINE	CRS.	MEDIUM	FINE	SILT	CLAY
0	0	0	2	1	3	76	18

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	OUT OF SPEC. (X)
3/8 in.	100		
#4	100		
#10	98		
#40	97		
#100	95		
#200	94		

Soil Description

Brown SILT; little CLAY; trace cmf SAND
Field Sample ID: SB915-4003-07

Atterberg Limits

PL= --- LL= --- PI= ---

Coefficients

D₈₅= 0.0481 D₆₀= 0.0275 D₅₀= 0.0242
D₃₀= 0.0120 D₁₅= 0.0024 D₁₀=
C_u= C_c=

Classification

USCS= --- AASHTO= ---

Remarks

ASTM D 422
Sampled by Client on 10-25-10
Est. Dry Bulk Density = 100.6 pcf

* (no specification provided)

ATLANTIC TESTING LABORATORIES, LIMITED

Reviewed by:

Date: 12/7/10



Particle Size Distribution Report

Project: Hydrogeologic Investigation

Report No.: ST3150SL-32-11-10

Client: O'Brien and Gere

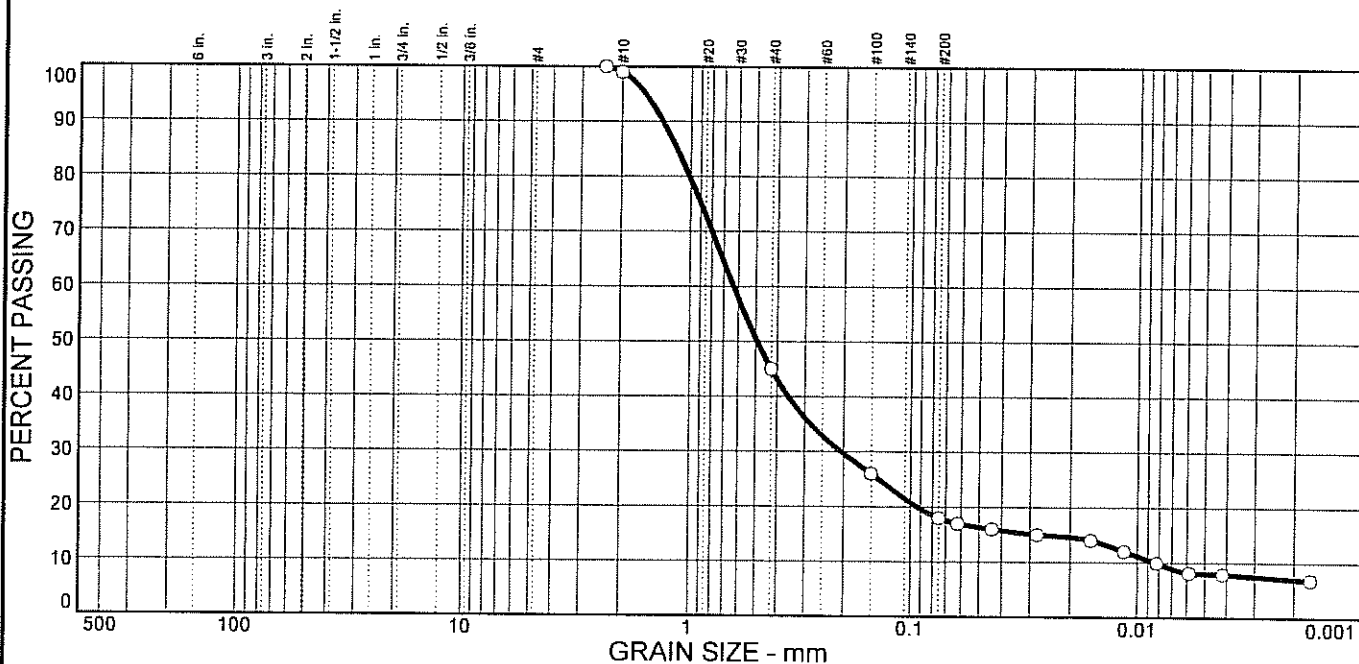
Date: 11-30-10

Sample No: ST3150S32

Source of Sample: Settling Basin 9-15 SCA

Location: SB915-MW-91BR

Elev./Depth: 70'-72'



% COBBLES	% GRAVEL		% SAND			% FINES	
	CRS.	FINE	CRS.	MEDIUM	FINE	SILT	CLAY
0	0	0	1	54	27	10	8

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	OUT OF SPEC. (X)
#8	100		
#10	99		
#40	45		
#100	26		
#200	18		

Soil Description
Brown
Field Sample ID: SB915-4003-08

Atterberg Limits
PL= --- LL= --- PI= ---

Coefficients
D₈₅= 1.15 D₆₀= 0.632 D₅₀= 0.492
D₃₀= 0.205 D₁₅= 0.0279 D₁₀= 0.0083
C_u= 75.86 C_c= 7.96

Classification
USCS= --- AASHTO= ---

Remarks
ASTM D 422
Sampled by Client on 10-25-10
Est. Dry Bulk Density = 98.6 pcf

* (no specification provided)

Reviewed by: *[Signature]*

Date: 12/3/10



ATLANTIC TESTING LABORATORIES

Particle Size Distribution Report

Project: Hydrogeologic Investigation

Report No.: ST3150SL-33-11-10

Client: O'Brien and Gere

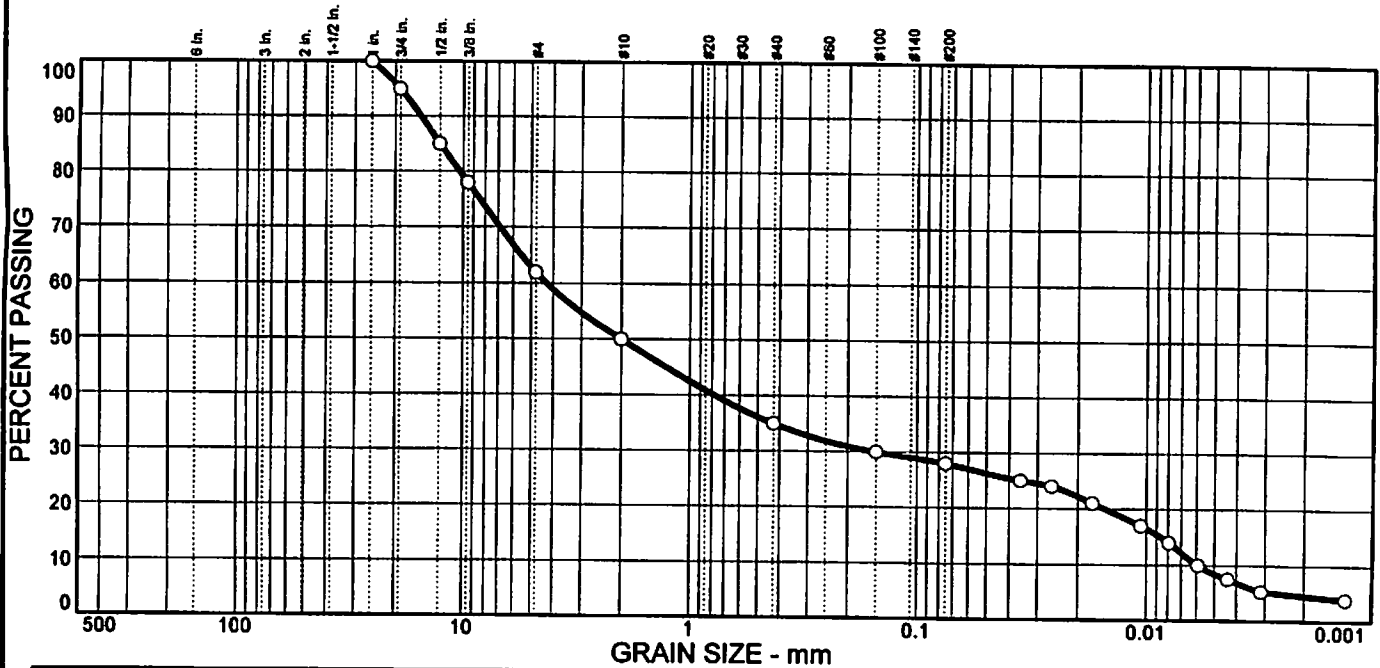
Date: 11-30-10

Sample No.: ST3150S33

Source of Sample: Settling Basin 9-15 SCA

Location: SB915-MW-91BR

Elev./Depth: 84'-86'



% COBBLES	% GRAVEL		% SAND			% FINES	
	CRS.	FINE	CRS.	MEDIUM	FINE	SILT	CLAY
0	5	33	12	15	7	20	8

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	OUT OF SPEC. (X)
1 in.	100		
3/4 in.	95		
1/2 in.	85		
3/8 in.	78		
#4	62		
#10	50		
#40	35		
#100	30		
#200	28		

Soil Description
Brown mf+ GRAVEL; some cmf- SAND; little SILT; trace CLAY
Field Sample ID: SB915-4003-09

Atterberg Limits
PL= --- LL= --- PI= ---

Coefficients
D₈₅= 12.7 D₆₀= 4.26 D₅₀= 2.00
D₃₀= 0.150 D₁₅= 0.0086 D₁₀= 0.0059
C_u= 719.62 C_c= 0.89

Classification
USCS= --- AASHTO= ---

Remarks
ASTM D 422
Sampled by Client on 10-27-10
Est. Dry Bulk Density = 116.5 pcf

* (no specification provided)

ATLANTIC TESTING LABORATORIES, LIMITED

Reviewed by: *Jill*

Date: 12/3/10



ATLANTIC TESTING LABORATORIES

Particle Size Distribution Report

Project: Hydrogeologic Investigation

Report No.: ST3150SL-34-11-10

Client: O'Brien and Gere

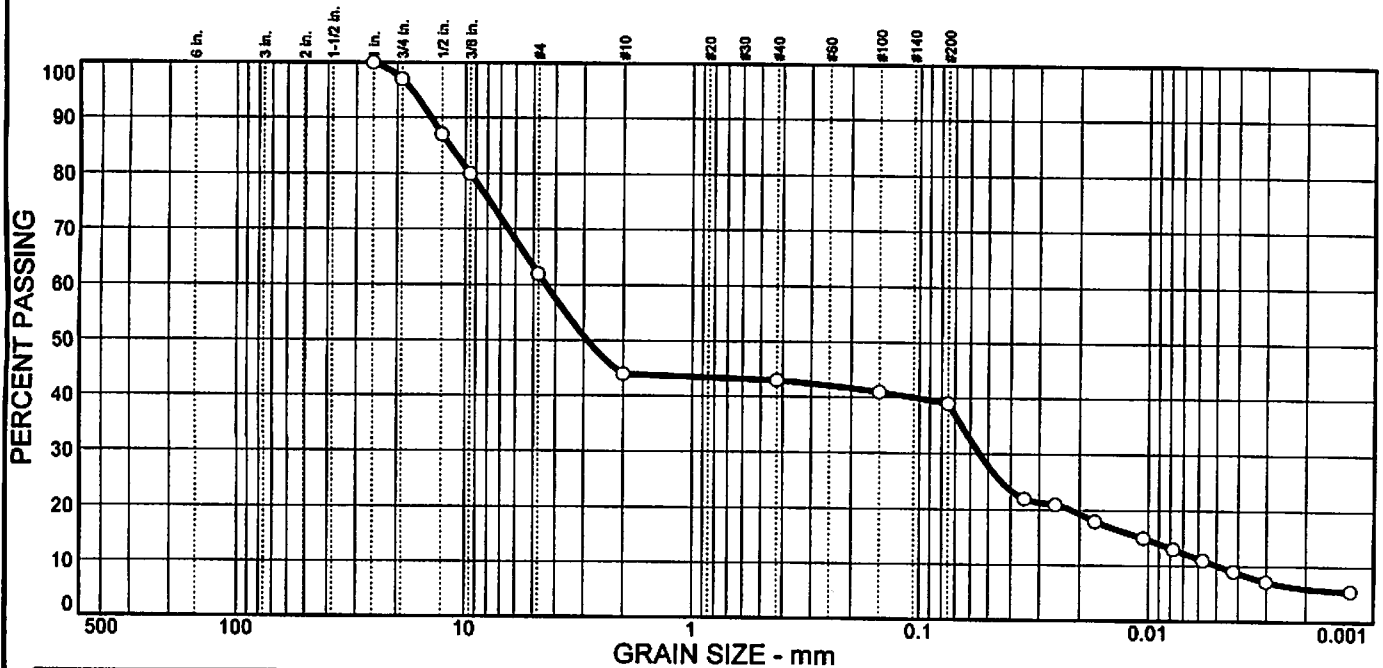
Date: 11-30-10

Sample No: ST3150S34

Source of Sample: Settling Basin 9-15 SCA

Location: SB915-MW-91BR

Elev./Depth: 106'-108'



% COBBLES	% GRAVEL		% SAND			% FINES	
	CRS.	FINE	CRS.	MEDIUM	FINE	SILT	CLAY
0	3	35	18	1	4	29	10

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	OUT OF SPEC. (X)
1 in.	100		
3/4 in.	97		
1/2 in.	87		
3/8 in.	80		
#4	62		
#10	44		
#40	43		
#100	41		
#200	39		

* (no specification provided)

Soil Description
 Brown mf+ GRAVEL; some SILT; some c+mf SAND; trace CLAY
 Field Sample ID: SB915-4003-10

Atterberg Limits
 PL= --- LL= --- PI= ---

Coefficients
 D₈₅= 11.7 D₆₀= 4.40 D₅₀= 2.87
 D₃₀= 0.0545 D₁₅= 0.0105 D₁₀= 0.0049
 C_u= 893.19 C_c= 0.14

Classification
 USCS= --- AASHTO= ---

Remarks
 ASTM D 422
 Sampled by Client on 10-28-10
 Est. Dry Bulk Density = 134.1 pcf

ATLANTIC TESTING LABORATORIES, LIMITED

Reviewed by: J. L. C.

Date: 12/7/10



ATLANTIC TESTING LABORATORIES

Particle Size Distribution Report

Project: Hydrogeologic Investigation

Report No.: ST3150SL-35-11-10

Client: O'Brien and Gere

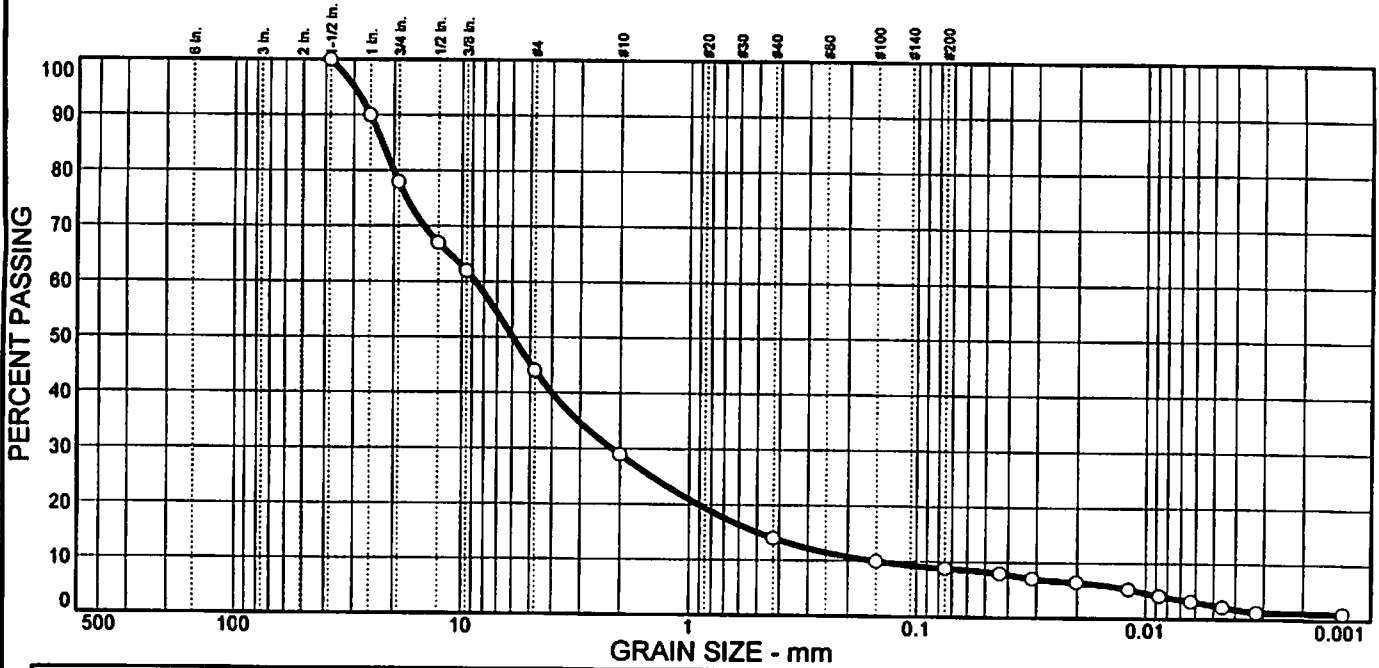
Date: 11-30-10

Sample No: ST3150S35

Source of Sample: Settling Basin 9-15 SCA

Location: SB915-MW-91BR

Elev./Depth: 120'-122'



% COBBLES	% GRAVEL		% SAND			% FINES	
	CRS.	FINE	CRS.	MEDIUM	FINE	SILT	CLAY
0	22	34	15	15	5	6	2

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	OUT OF SPEC. (X)
1-1/2 in.	100		
1 in.	90		
3/4 in.	78		
1/2 in.	67		
3/8 in.	62		
#4	44		
#10	29		
#40	14		
#100	10		
#200	8.8		

Soil Description
 Grey c-mf GRAVEL; some cmf- SAND; trace SILT; trace CLAY
 Field Sample ID: SB915-4003-11

Atterberg Limits
 PL= --- LL= --- PI= ---

Coefficients
 D₈₅= 22.5 D₆₀= 8.67 D₅₀= 5.95
 D₃₀= 2.16 D₁₅= 0.497 D₁₀= 0.150
 C_u= 57.83 C_c= 3.58

Classification
 USCS= --- AASHTO= ---

Remarks
 ASTM D 422
 Sampled by Client on 10-29-10
 Est. Dry Bulk Density = 130.1 pcf

* (no specification provided)

ATLANTIC TESTING LABORATORIES, LIMITED

Reviewed by: J. L. C.

Date: 12/3/10



Particle Size Distribution Report

Project: Hydrogeologic Investigation

Report No.: ST3150SL-36-11-10

Client: O'Brien and Gere

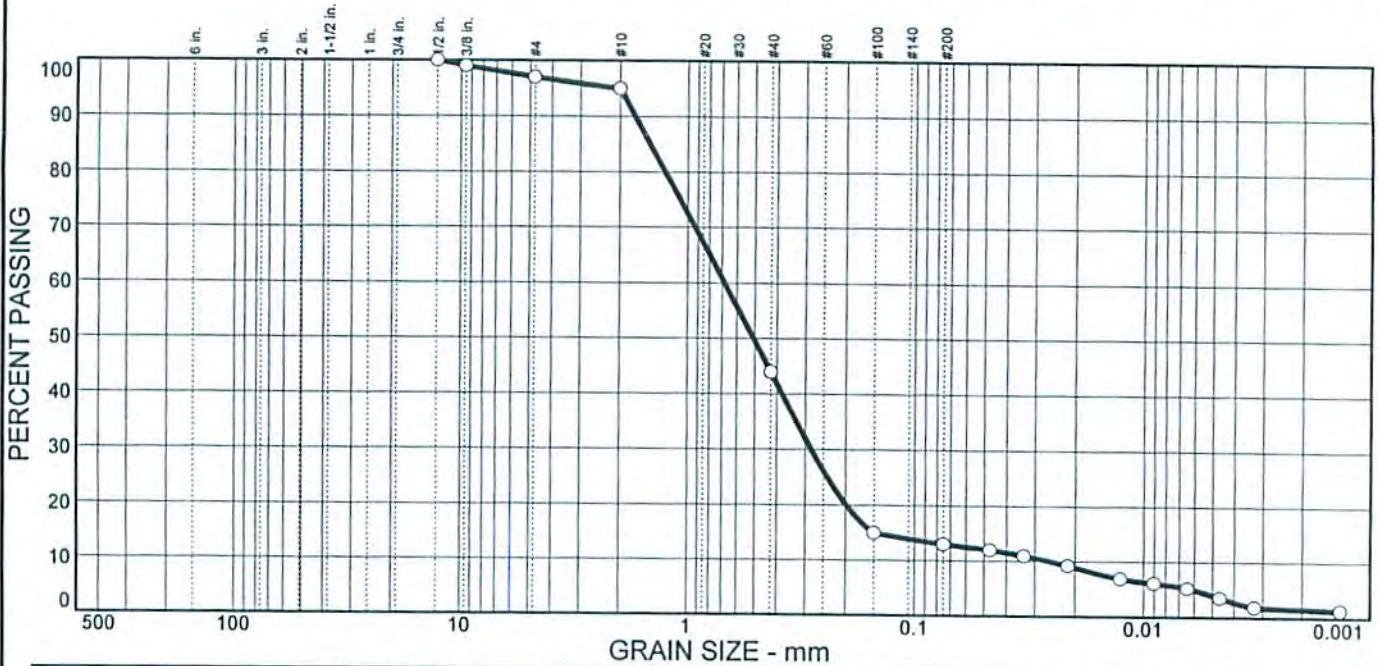
Date: 11-30-10

Sample No: ST3150S36

Source of Sample: Settling Basin 9-15 SCA

Location: SB915-MW-91BR

Elev./Depth: 136'-138'



% COBBLES	% GRAVEL		% SAND			% FINES	
	CRS.	FINE	CRS.	MEDIUM	FINE	SILT	CLAY
0	0	3	2	51	31	9	4

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	OUT OF SPEC. (X)
1/2 in.	100		
3/8 in.	99		
#4	97		
#10	95		
#40	44		
#100	15		
#200	13		

* (no specification provided)

Soil Description

Brown c-mf SAND; trace SILT; trace CLAY; trace GRAVEL
Field Sample ID: SB915-4003-12

Atterberg Limits

PL= --- LL= --- PI= ---

Coefficients

D₈₅= 1.47 D₆₀= 0.681 D₅₀= 0.506
D₃₀= 0.282 D₁₅= 0.150 D₁₀= 0.0258
C_u= 26.42 C_c= 4.52

Classification

USCS= --- AASHTO= ---

Remarks

ASTM D 422
Sampled by Client on 11-1-10
Est. Dry Bulk Density = 112.1 pcf

ATLANTIC TESTING LABORATORIES, LIMITED

Reviewed by: Jill

Date: 12/3/10



Particle Size Distribution Report

Project: Hydrogeologic Investigation

Report No.: ST3150SL-19-11-10

Client: O'Brien and Gere

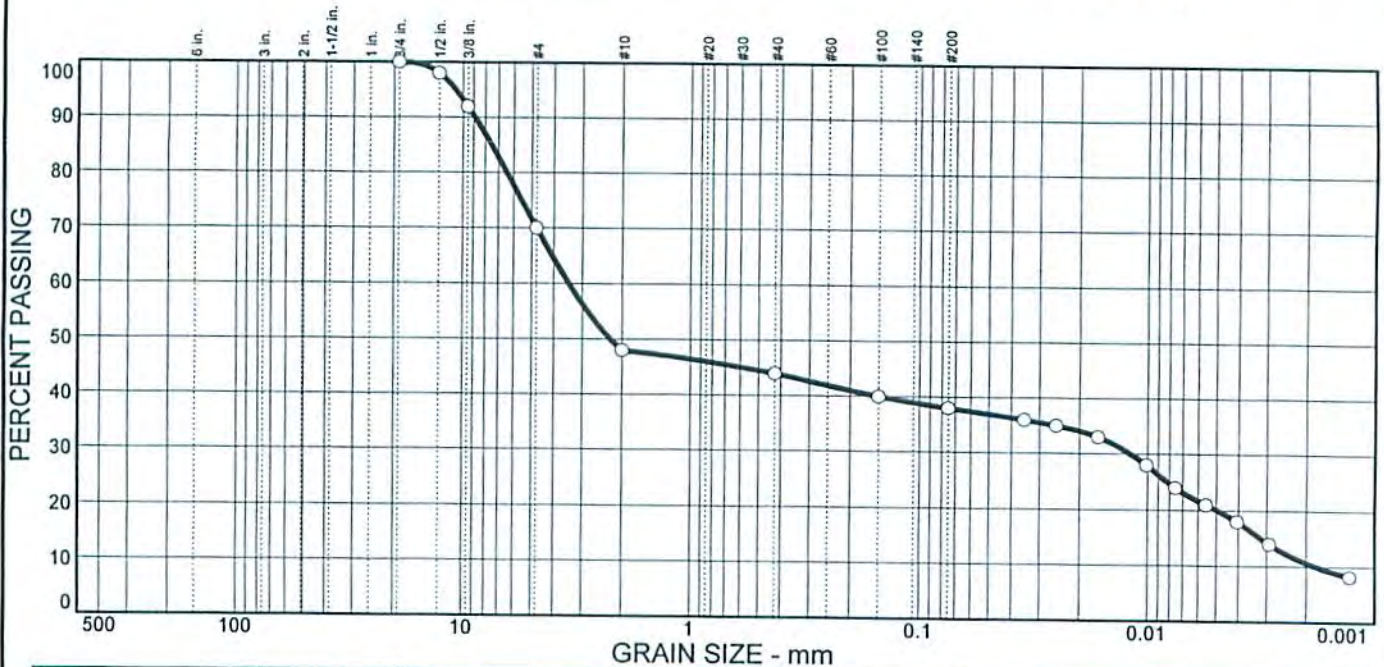
Date: 11-29-10

Sample No: ST3150S19

Source of Sample: Settling Basin 9-15 SCA

Location: SB915-MW-92BR

Elev./Depth: 56'-58'



% COBBLES	% GRAVEL		% SAND			% FINES	
	CRS.	FINE	CRS.	MEDIUM	FINE	SILT	CLAY
0	0	30	22	4	6	18	20

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	OUT OF SPEC. (X)
3/4 in.	100		
1/2 in.	98		
3/8 in.	92		
#4	70		
#10	48		
#40	44		
#100	40		
#200	38		

* (no specification provided)

Soil Description

Brown c+mf SAND; some m-f GRAVEL; little CLAY; little SILT
Field Sample ID: SB915-4002-01

Atterberg Limits

PL= --- LL= --- PI= ---

Coefficients

D₈₅= 7.49 D₆₀= 3.42 D₅₀= 2.25
D₃₀= 0.0119 D₁₅= 0.0032 D₁₀= 0.0018
C_u= 1896.00 C_c= 0.02

Classification

USCS= --- AASHTO= ---

Remarks

ASTM D 422
Sampled by Client on 10-14-10
Est. Dry Bulk Density = 93.15 pcf

ATLANTIC TESTING LABORATORIES, LIMITED

Reviewed by: Jike

Date: 11/30/10



Particle Size Distribution Report

Project: Hydrogeologic Investigation

Report No.: ST3150SL-20-11-10

Client: O'Brien and Gere

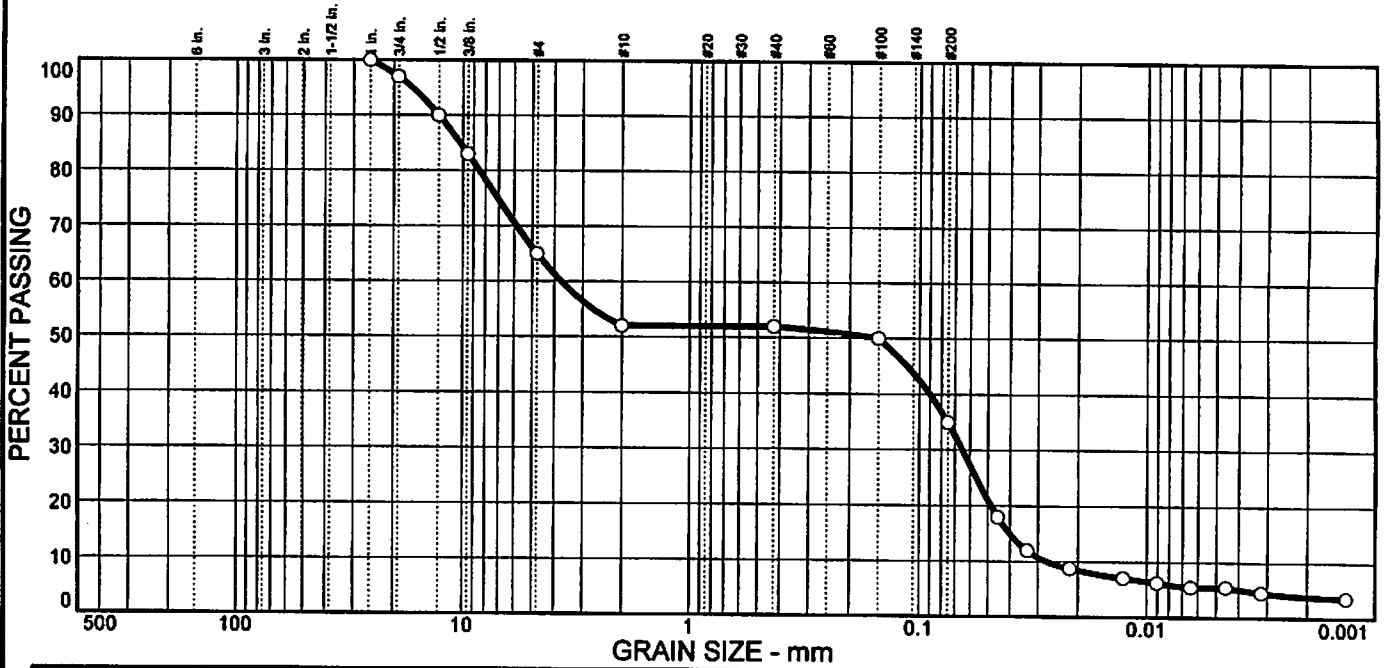
Date: 11-29-10

Sample No: ST3150S20

Source of Sample: Settling Basin 9-15 SCA

Location: SB915-MW-92BR

Elev./Depth: 58'-60'



% COBBLES	% GRAVEL		% SAND			% FINES	
	CRS.	FINE	CRS.	MEDIUM	FINE	SILT	CLAY
0	3	32	13	0	17	30	6

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	OUT OF SPEC. (X)
1 in.	100		
3/4 in.	97		
1/2 in.	90		
3/8 in.	83		
#4	65		
#10	52		
#40	52		
#100	50		
#200	35		

* (no specification provided)

Soil Description

Brown mf+ GRAVEL; some cm-f SAND; some SILT; trace CLAY
 Field Sample ID: SB915-4002-02

Atterberg Limits

PL= --- LL= --- PI= ---

Coefficients

D₈₅= 10.3 D₆₀= 3.72 D₅₀= 0.150
 D₃₀= 0.0647 D₁₅= 0.0400 D₁₀= 0.0274
 C_u= 135.76 C_c= 0.04

Classification

USCS= --- AASHTO= ---

Remarks

ASTM D 422
 Sampled by Client on 10-18-10
 Est. Dry Bulk Density = 101.9 pcf

ATLANTIC TESTING LABORATORIES, LIMITED

Reviewed by: J. G. L.

Date: 11/30/10



Particle Size Distribution Report

Project: Hydrogeologic Investigation

Report No.: ST3150SL-21-11-10

Client: O'Brien and Gere

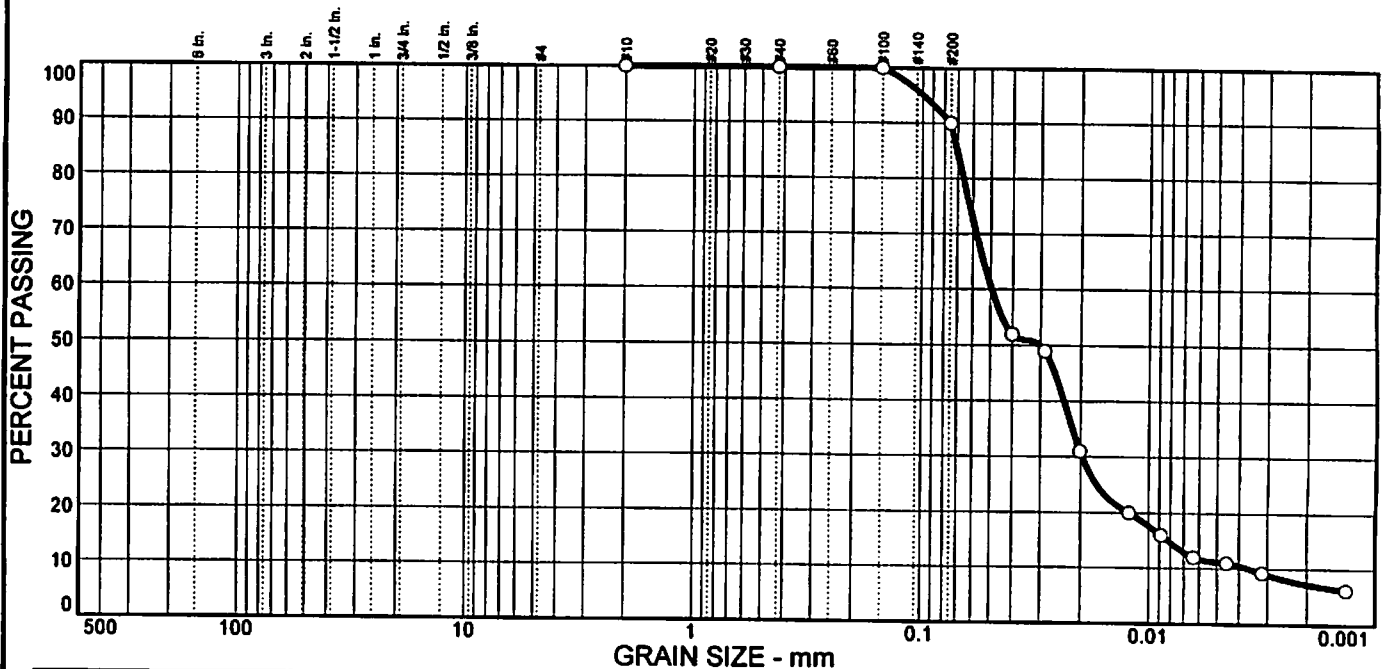
Date: 11-29-10

Sample No: ST3150S21

Source of Sample: Settling Basin 9-15 SCA

Location: SB915-MW-92BR

Elev./Depth: 66'-68'



% COBBLES	% GRAVEL		% SAND			% FINES	
	CRS.	FINE	CRS.	MEDIUM	FINE	SILT	CLAY
0	0	0	0	0	10	79	11

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	OUT OF SPEC. (X)
#10	100		
#40	100		
#100	100		
#200	90		

Soil Description

Light Brown SILT; little CLAY; trace fine SAND
Field Sample ID: SB915-4002-03

Atterberg Limits

PL= --- LL= --- PI= ---

Coefficients

D₈₅= 0.0704 D₆₀= 0.0494 D₅₀= 0.0301
D₃₀= 0.0196 D₁₅= 0.0082 D₁₀= 0.0036
C_u= 13.61 C_c= 2.15

Classification

USCS= --- AASHTO= ---

Remarks

ASTM D 422
Sampled by Client on 10-18-10
Est. Dry Bulk Density = 102.0 pcf

* (no specification provided)

Reviewed by: *J. L. L.*

Date: 11/30/10



Particle Size Distribution Report

Project: Hydrogeologic Investigation

Report No.: ST3150SL-22-11-10

Client: O'Brien and Gere

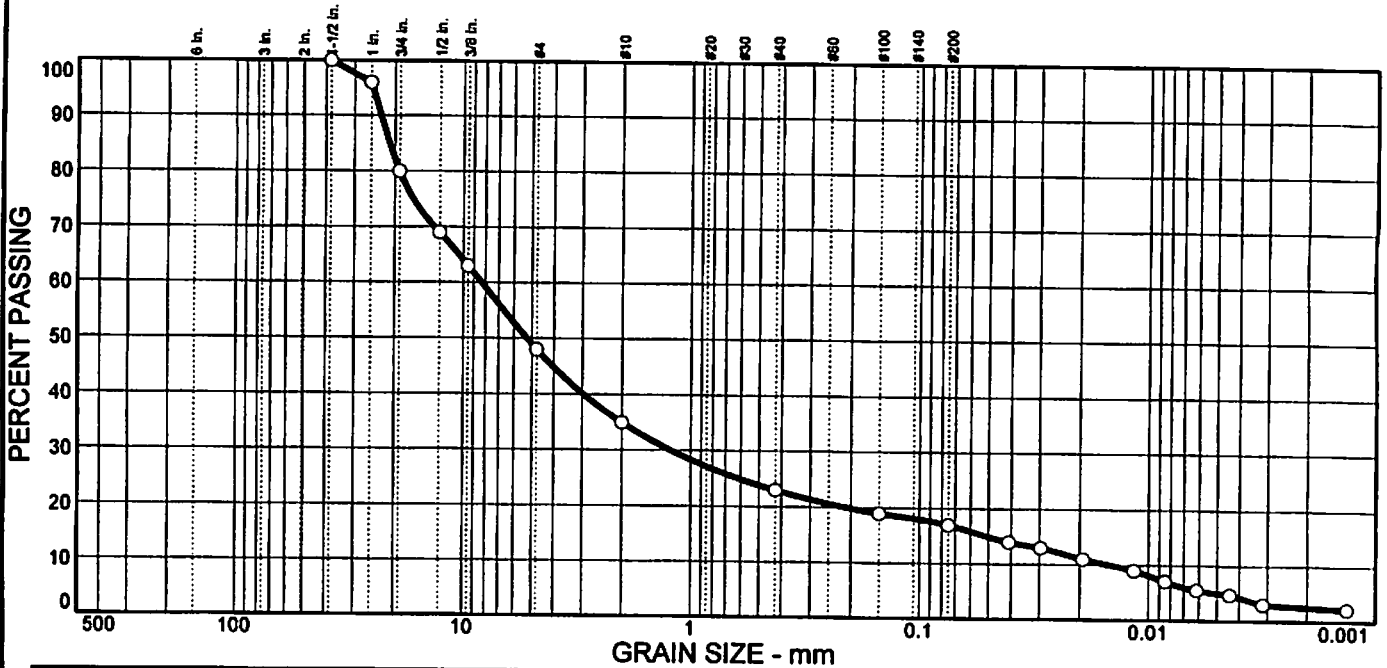
Date: 11-29-10

Sample No: ST3150S22

Source of Sample: Settling Basin 9-15 SCA

Location: SB915-MW-92BR

Elev./Depth: 76'-78'



% COBBLES	% GRAVEL		% SAND			% FINES	
	CRS.	FINE	CRS.	MEDIUM	FINE	SILT	CLAY
0	20	32	13	12	6	12	5

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	OUT OF SPEC. (X)
1-1/2 in.	100		
1 in.	96		
3/4 in.	80		
1/2 in.	69		
3/8 in.	63		
#4	48		
#10	35		
#40	23		
#100	19		
#200	17		

* (no specification provided)

Soil Description

Light Brown c-mf GRAVEL; some cmf- SAND; little SILT; trace CLAY
Field Sample ID: SB915-4002-04

Atterberg Limits

PL= --- LL= --- PI= ---

Coefficients

D₈₅= 21.1 D₆₀= 8.31 D₅₀= 5.25
D₃₀= 1.22 D₁₅= 0.0510 D₁₀= 0.0147
C_u= 563.79 C_c= 12.10

Classification

USCS= --- AASHTO= ---

Remarks

ASTM D 422
Sampled by Client on 10-19-10
Est. Dry Bulk Density = 125.9 pcf

ATLANTIC TESTING LABORATORIES, LIMITED

Reviewed by:

Date: 11/30/10



Particle Size Distribution Report

Project: Hydrogeologic Investigation

Report No.: ST3150SL-23-11-10

Client: O'Brien and Gere

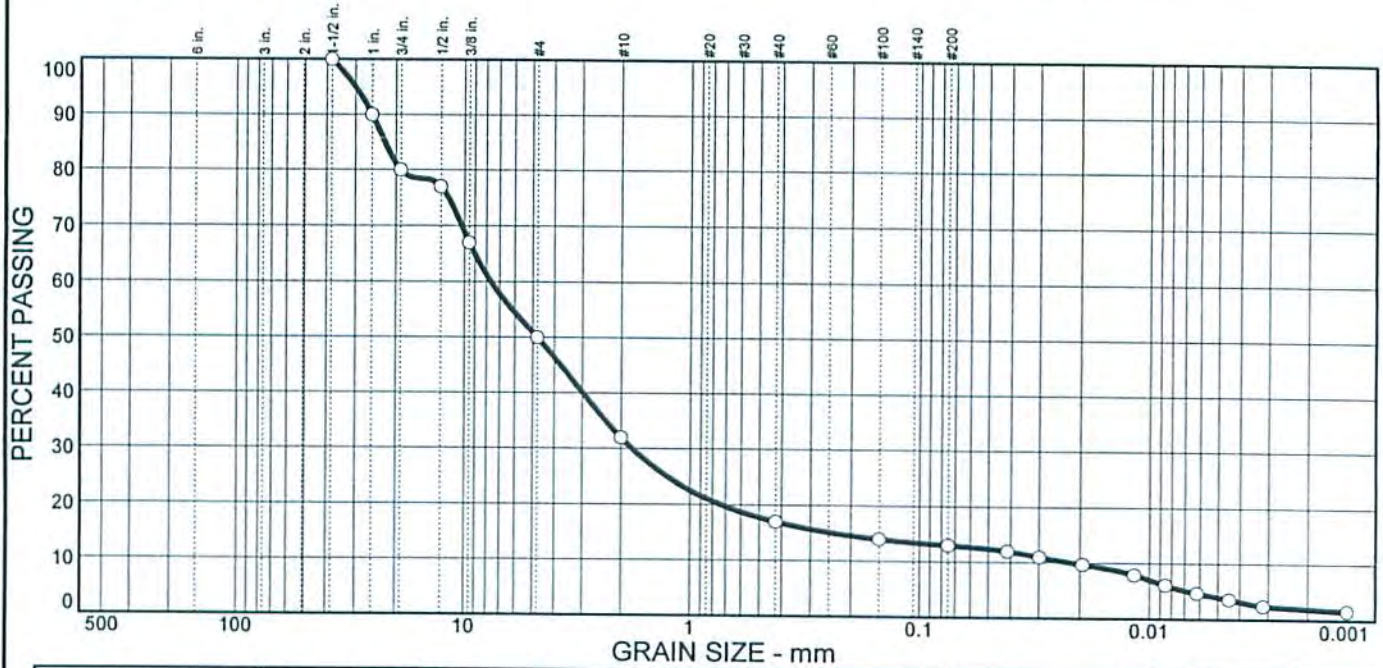
Date: 11-29-10

Sample No: ST3150S23

Source of Sample: Settling Basin 9-15 SCA

Location: SB915-MW-92BR

Elev./Depth: 90'-92'



% COBBLES	% GRAVEL		% SAND			% FINES	
	CRS.	FINE	CRS.	MEDIUM	FINE	SILT	CLAY
0	20	30	18	15	4	9	4

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	OUT OF SPEC. (X)
1-1/2 in.	100		
1 in.	90		
3/4 in.	80		
1/2 in.	77		
3/8 in.	67		
#4	50		
#10	32		
#40	17		
#100	14		
#200	13		

* (no specification provided)

Soil Description

Brown c-mf GRAVEL; and cmf- SAND; trace SILT; trace CLAY
 Field Sample ID: SB915-4002-05

Atterberg Limits

PL= --- LL= --- PI= ---

Coefficients

D₈₅= 22.3 D₆₀= 7.63 D₅₀= 4.75
 D₃₀= 1.78 D₁₅= 0.236 D₁₀= 0.0216
 C_u= 352.95 C_c= 19.23

Classification

USCS= --- AASHTO= ---

Remarks

ASTM D 422
 Sampled by Client on 10-20-10
 Est. Dry Bulk Density = 121.2 pcf

ATLANTIC TESTING LABORATORIES, LIMITED

Reviewed by:

Date: 11/30/10



Particle Size Distribution Report

Project: Hydrogeologic Investigation

Report No.: ST3150SL-24-11-10

Client: O'Brien and Gere

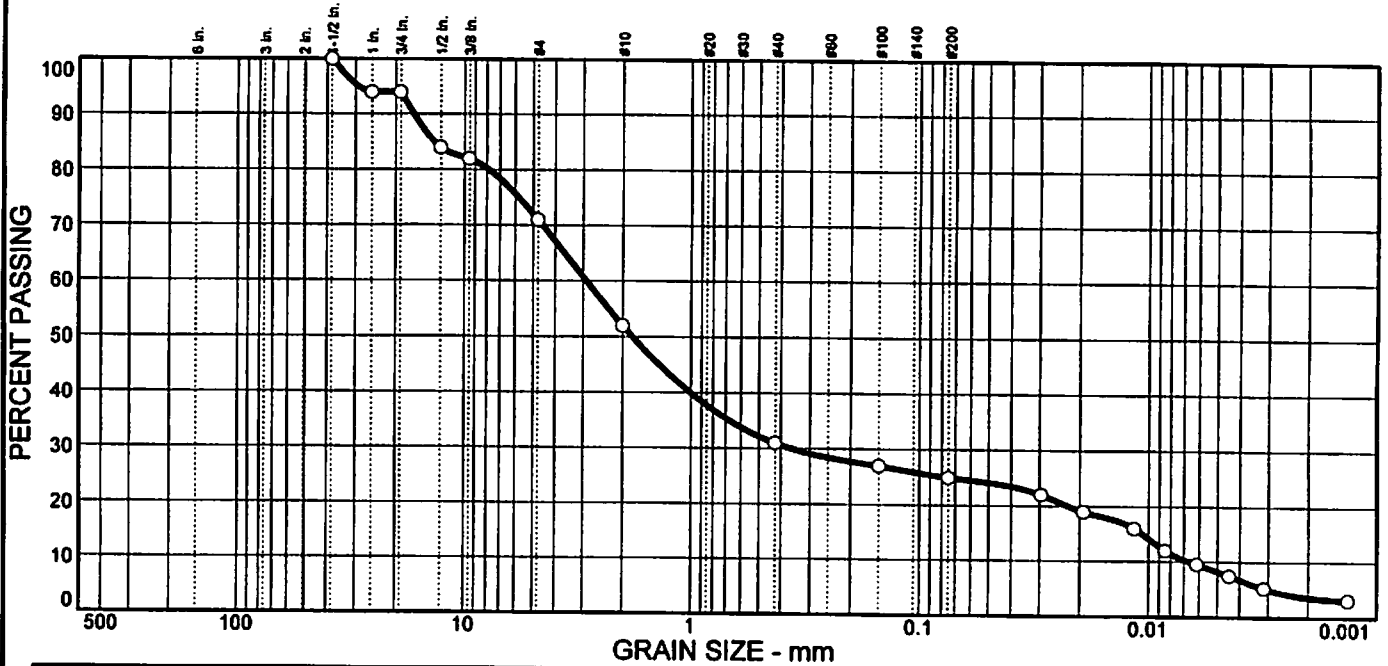
Date: 11-30-10

Sample No: ST3150S24

Source of Sample: Settling Basin 9-15 SCA

Location: SB915-MW-92BR

Elev./Depth: 108'-110'



% COBBLES	% GRAVEL		% SAND			% FINES	
	CRS.	FINE	CRS.	MEDIUM	FINE	SILT	CLAY
0	6	23	19	21	6	17	8

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	OUT OF SPEC. (X)
1-1/2 in.	100		
1 in.	94		
3/4 in.	94		
1/2 in.	84		
3/8 in.	82		
#4	71		
#10	52		
#40	31		
#100	27		
#200	25		

* (no specification provided)

Soil Description

Brown cm+f SAND; some cmf+ GRAVEL; little SILT; trace CLAY
 Field Sample ID: SB915-4002-06

Atterberg Limits

PL= -- LL= --- PI= --

Coefficients

D₈₅= 13.5 D₆₀= 2.90 D₅₀= 1.81
 D₃₀= 0.359 D₁₅= 0.0106 D₁₀= 0.0067
 C_u= 435.68 C_c= 6.70

Classification

USCS= -- AASHTO= --

Remarks

ASTM D 422
 Sampled by Client on 10-20-10
 Est. Dry Bulk Density = 113.6 pcf

ATLANTIC TESTING LABORATORIES, LIMITED

Reviewed by: *[Signature]*

Date: 11/30/10

EDR Report

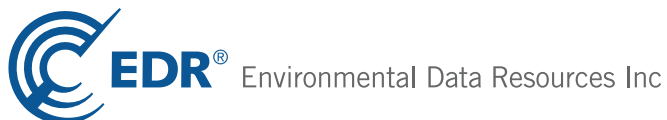
Wastebeds 9 Through 15

Gerelock Rd
Syracuse, NY 13209

Inquiry Number: 02963764.2r

January 10, 2011

The EDR Radius Map™ Report with GeoCheck®



440 Wheelers Farms Road
Milford, CT 06461
Toll Free: 800.352.0050
www.edrnet.com

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Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-05) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

GERELOCK RD
SYRACUSE, NY 13209

COORDINATES

Latitude (North): 43.071000 - 43° 4' 15.6"
Longitude (West): 76.249600 - 76° 14' 58.6"
Universal Transverse Mercator: Zone 18
UTM X (Meters): 398261.1
UTM Y (Meters): 4769242.0
Elevation: 399 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 43076-A2 SYRACUSE WEST, NY
Most Recent Revision: 1978

West Map: 43076-A3 CAMILLUS, NY
Most Recent Revision: 1978

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from: 2006, 2008
Source: USDA

TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following records. For more information on this property see page 7 of the attached EDR Radius Map report:

<u>Site</u>	<u>Database(s)</u>	<u>EPA ID</u>
GERELOCK RD GERELOCK RD SOLVAY, NY	NY Spills Date Closed: 3/21/2001 NY Hist Spills	N/A
ALLIED SIGNAL PROPERTY GERELOCK RD SOLVAY, NY	NY Spills Date Closed: 6/4/1999 NY Hist Spills	N/A

EXECUTIVE SUMMARY

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

Proposed NPL..... Proposed National Priority List Sites
NPL LIENS..... Federal Superfund Liens

Federal Delisted NPL site list

Delisted NPL..... National Priority List Deletions

Federal CERCLIS list

FEDERAL FACILITY..... Federal Facility Site Information listing

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF..... RCRA - Treatment, Storage and Disposal

Federal ERNS list

ERNS..... Emergency Response Notification System

State- and tribal - equivalent CERCLIS

VAPOR REOPENED..... Vapor Intrusion Legacy Site List

State and tribal leaking storage tank lists

INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land

State and tribal registered storage tank lists

CBS UST..... Chemical Bulk Storage Database
MOSF UST..... Major Oil Storage Facilities Database
MOSF AST..... Major Oil Storage Facilities Database
MOSF..... Major Oil Storage Facility Site Listing
INDIAN UST..... Underground Storage Tanks on Indian Land
FEMA UST..... Underground Storage Tank Listing

State and tribal institutional control / engineering control registries

RES DECL..... Restrictive Declarations Listing

State and tribal voluntary cleanup sites

VCP..... Voluntary Cleanup Agreements

EXECUTIVE SUMMARY

INDIAN VCP..... Voluntary Cleanup Priority Listing

State and tribal Brownfields sites

ERP..... Environmental Restoration Program Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS..... A Listing of Brownfields Sites

Local Lists of Landfill / Solid Waste Disposal Sites

ODI..... Open Dump Inventory
DEBRIS REGION 9..... Torres Martinez Reservation Illegal Dump Site Locations
SWTIRE..... Registered Waste Tire Storage & Facility List
SWRCY..... Registered Recycling Facility List
INDIAN ODI..... Report on the Status of Open Dumps on Indian Lands

Local Lists of Hazardous waste / Contaminated Sites

US CDL..... Clandestine Drug Labs
DEL SHWS..... Delisted Registry Sites
US HIST CDL..... National Clandestine Laboratory Register

Local Land Records

LIENS 2..... CERCLA Lien Information
LUCIS..... Land Use Control Information System

Records of Emergency Release Reports

HMIRS..... Hazardous Materials Information Reporting System

Other Ascertainable Records

DOT OPS..... Incident and Accident Data
DOD..... Department of Defense Sites
FUDS..... Formerly Used Defense Sites
CONSENT..... Superfund (CERCLA) Consent Decrees
UMTRA..... Uranium Mill Tailings Sites
MINES..... Mines Master Index File
TRIS..... Toxic Chemical Release Inventory System
FTTS..... FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
HIST FTTS..... FIFRA/TSCA Tracking System Administrative Case Listing
SSTS..... Section 7 Tracking Systems
ICIS..... Integrated Compliance Information System
PADS..... PCB Activity Database System
MLTS..... Material Licensing Tracking System
RADINFO..... Radiation Information Database
RAATS..... RCRA Administrative Action Tracking System
E DESIGNATION..... E DESIGNATION SITE LISTING

EXECUTIVE SUMMARY

INDIAN RESERV..... Indian Reservations
SCRD DRYCLEANERS..... State Coalition for Remediation of Drycleaners Listing
COAL ASH EPA..... Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER..... PCB Transformer Registration Database
COAL ASH DOE..... Sleam-Electric Plan Operation Data
COAL ASH..... Coal Ash Disposal Site Listing

EDR PROPRIETARY RECORDS

EDR Proprietary Records

Manufactured Gas Plants..... EDR Proprietary Manufactured Gas Plants

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.

Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: Also known as Superfund, the National Priority List database is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund program. The source of this database is the U.S. EPA.

A review of the NPL list, as provided by EDR, and dated 07/02/2010 has revealed that there is 1 NPL site within approximately 2.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>ONONDAGA LAKE SEDIMENTS</i>	<i>ONONDAGA LAKE</i>	<i>ENE 1/2 - 1 (0.783 mi.)</i>	<i>0</i>	<i>12</i>

Federal CERCLIS list

CERCLIS: The Comprehensive Environmental Response, Compensation and Liability Information System contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA). CERCLIS contains sites which are either

EXECUTIVE SUMMARY

proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

A review of the CERCLIS list, as provided by EDR, and dated 01/29/2010 has revealed that there is 1 CERCLIS site within approximately 1.75 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>ONONDAGA LAKE SEDIMENTS</i>	<i>ONONDAGA LAKE</i>	<i>ENE 1/2 - 1 (0.783 mi.)</i>	<i>0</i>	<i>12</i>

Federal CERCLIS NFRAP site List

CERC-NFRAP: Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

A review of the CERC-NFRAP list, as provided by EDR, and dated 06/23/2009 has revealed that there are 3 CERC-NFRAP sites within approximately 1.75 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>LCP CHEMICAL /NY INC</i>	<i>MATHEWS AVE</i>	<i>SE 1 - 2 (1.359 mi.)</i>	<i>T97</i>	<i>367</i>
<i>FRAZER & JONES</i>	<i>3000 MILTON AVE</i>	<i>SE 1 - 2 (1.360 mi.)</i>	<i>T100</i>	<i>412</i>
<i>T.E.K. DRY CLEANERS</i>	<i>852 STATE FAIR BLVD</i>	<i>NNE 1 - 2 (1.500 mi.)</i>	<i>X118</i>	<i>497</i>

Federal RCRA CORRACTS facilities list

CORRACTS: CORRACTS is a list of handlers with RCRA Corrective Action Activity. This report shows which nationally-defined corrective action core events have occurred for every handler that has had corrective action activity.

A review of the CORRACTS list, as provided by EDR, and dated 05/25/2010 has revealed that there are 4 CORRACTS sites within approximately 2.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>LCP CHEMICAL /NY INC</i>	<i>MATHEWS AVE</i>	<i>SE 1 - 2 (1.359 mi.)</i>	<i>T97</i>	<i>367</i>
<i>SOUTHERN CONTAINER CORP</i>	<i>500 HINSDALE RD</i>	<i>SSW 1 - 2 (1.503 mi.)</i>	<i>Y120</i>	<i>511</i>
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>NIAGARA MOHAWK SOLVAY</i>	<i>BRIDGE ST</i>	<i>E 1 - 2 (1.659 mi.)</i>	<i>AB129</i>	<i>545</i>
<i>SPECIALTY METALS/CRUCIBLE LAND</i>	<i>STATE FAIR BLVD WASTE</i>	<i>E 1 - 2 (1.950 mi.)</i>	<i>AE143</i>	<i>614</i>

EXECUTIVE SUMMARY

Federal RCRA generators list

RCRA-LQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

A review of the RCRA-LQG list, as provided by EDR, and dated 02/17/2010 has revealed that there is 1 RCRA-LQG site within approximately 1.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
LCP CHEMICAL /NY INC	MATHEWS AVE	SE 1 - 2 (1.359 mi.)	T97	367

RCRA-SQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

A review of the RCRA-SQG list, as provided by EDR, and dated 02/17/2010 has revealed that there is 1 RCRA-SQG site within approximately 1.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
NORTHSIDE COLLISION	509 HINSDALE RD	SW 1 - 2 (1.415 mi.)	U112	467

RCRA-CESQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

A review of the RCRA-CESQG list, as provided by EDR, and dated 02/17/2010 has revealed that there are 2 RCRA-CESQG sites within approximately 1.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
KINANECO	2925 MILTON AVE COR CAS	ESE 1 - 2 (1.381 mi.)	V106	435
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
VAL'S MOTORS, INC.	756 STATE FAIR BLVD	NNE 1 - 2 (1.236 mi.)	L53	211

Federal institutional controls / engineering controls registries

US ENG CONTROLS: A listing of sites with engineering controls in place.

A review of the US ENG CONTROLS list, as provided by EDR, and dated 12/20/2009 has revealed that

EXECUTIVE SUMMARY

there is 1 US ENG CONTROLS site within approximately 1.75 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
ONONDAGA LAKE SEDIMENTS	ONONDAGA LAKE	ENE 1/2 - 1 (0.783 mi.)	0	12

US INST CONTROL: A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

A review of the US INST CONTROL list, as provided by EDR, and dated 12/20/2009 has revealed that there is 1 US INST CONTROL site within approximately 1.75 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
ONONDAGA LAKE SEDIMENTS	ONONDAGA LAKE	ENE 1/2 - 1 (0.783 mi.)	0	12

State- and tribal - equivalent CERCLIS

SHWS: The State Hazardous Waste Sites records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. The data come from the Department of Environmental Conservation's Inactive Hazardous waste Disposal Sites in New York State.

A review of the SHWS list, as provided by EDR, and dated 11/23/2010 has revealed that there are 4 SHWS sites within approximately 2.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
LCP CHEMICAL Class Code: Significant threat to the public health or environment - action required.	MATTHEWS AVE	SE 1 - 2 (1.359 mi.)	T93	352
ALLIED CHEMICAL - WILLIS AVENU Class Code: Significant threat to the public health or environment - action required.	WILLIS AVENUE	SE 1 - 2 (1.359 mi.)	T96	364

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CRUCIBLE STEEL - SYRACUSE OPER Class Code: Does not present a significant threat to the public health or the environment - action may be deferred.	STATE FAIR BOULEVARD	E 1 - 2 (1.950 mi.)	AE144	623
WILLIS AVENUE - FORMER BALL FI Class Code: Significant threat to the public health or environment - action required.	585 STATE FAIR BLVD. SO	E >2 (2.131 mi.)	145	625

State and tribal landfill and/or solid waste disposal site lists

SWF/LF: The Solid Waste Facilities/Landfill Sites records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. The data come from the list.

A review of the SWF/LF list, as provided by EDR, and dated 10/13/2010 has revealed that there are 11

EXECUTIVE SUMMARY

SWF/LF sites within approximately 1.75 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
BELLE ISLE C&D LANDFILL	6051 BELLE ISLE RD.	S 1/2 - 1 (0.659 mi.)	C7	54
HONEYWELL/CAMILLUS BED #15 C&D	6051 BELLE ISLE RD.	S 1/2 - 1 (0.660 mi.)	C8	55
ALLIED CHEMICAL DEMO SLF	MATHEWS AVE	SE 1 - 2 (1.359 mi.)	T94	361
FRAZER AND JONES CO.	3000 MILTON AVE	SE 1 - 2 (1.360 mi.)	T99	411
NYS FAIRGROUNDS SLF	STATE FAIR BLVD	ENE 1 - 2 (1.601 mi.)	126	544
SOLVAY TRANSFER STATION	BOYD AVENUE	ESE 1 - 2 (1.645 mi.)	AA128	545

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
OCRRRA - AMBOY SITE	6296 AIRPORT ROAD	WNW 1/2 - 1 (0.825 mi.)	14	71
ALLIED CHEMICAL WASTE BEDS 12- INDUSTRIAL LF CRUCIBLE	BELLE ISLE ROAD P.O. BOX 977	E 1 - 2 (1.113 mi.) NE 1 - 2 (1.615 mi.)	24 127	108 544
MATLOW COMPANY; INC	333 BRIDGE SREET	E 1 - 2 (1.662 mi.)	AB130	563
CRUSHED PRODUCTS; INC.	320 BRIDGE STREET	E 1 - 2 (1.670 mi.)	AC132	566

State and tribal leaking storage tank lists

LTANKS: Leaking Storage Tank Incident Reports. These records contain an inventory of reported leaking storage tank incidents reported from 4/1/86 through the most recent update. They can be either leaking underground storage tanks or leaking aboveground storage tanks. The causes of the incidents are tank test failures, tank failures or tank overfills

A review of the LTANKS list, as provided by EDR, and dated 11/23/2010 has revealed that there are 26 LTANKS sites within approximately 1.75 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
BIANCHI EXCAVATING Date Closed: 8/6/1996	BIANCHI EXCAVATING	E 1/2 - 1 (0.755 mi.)	D11	65
CAMILLUS DOT GARAGE Date Closed: 12/7/1987	AIRPORT ROAD	WNW 1/2 - 1 (0.997 mi.)	21	100
NIAGARA MOHAWK Date Closed: 8/8/2005	101 GEMINI PLACE	SE 1 - 2 (1.133 mi.)	29	119
SOLVAY HIGHWAY GARAGE Date Closed: 11/10/1994	3143 MILTON AVE	SE 1 - 2 (1.346 mi.)	S81	306
STANTON FOUNDRY Date Closed: 9/17/1991	3004 MILTON AVE	SE 1 - 2 (1.359 mi.)	T92	342
ATLANTIC STA. RT. 173 Date Closed: 11/14/1990	RTE. 173 & MILTON AVE.	SSE 1 - 2 (1.455 mi.)	115	484
NIMO HINSDALE SERVICE CTR Date Closed: 8/6/2002	500 HINSDALE ROAD	SSW 1 - 2 (1.503 mi.)	Y121	521
LARRY MCGRAW Date Closed: 10/31/2003	MILTON & HINSDALE	SSW 1 - 2 (1.515 mi.)	Y123	536
FEMANO'S AUTOMOTIVE Date Closed: 1/30/2004	2459 MILTON AVENUE	ESE 1 - 2 (1.570 mi.)	Z124	538
JEROME PLMB., MILTON AVE. Date Closed: 8/11/1987	CITGO STATION; MILTON A	ESE 1 - 2 (1.587 mi.)	Z125	541
SYRACUSE POTTERY Date Closed: 5/23/1990	SYRACUSE POTTERY RD	WNW 1 - 2 (1.678 mi.)	133	567

EXECUTIVE SUMMARY

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
LCP (AGAIN) Date Closed: 7/27/1988	SOUTH STORAGE AREA	ESE 1 - 2 (1.679 mi.)	AA134	569
LCP CAUSTIC TANK Date Closed: 9/18/1988	MATHEWS AVE	ESE 1 - 2 (1.679 mi.)	AA135	572
MILTON AVE Date Closed: 2/27/1996	2239 MILTON AVE.	ESE 1 - 2 (1.736 mi.)	138	583
QUICKWAY Date Closed: 8/15/2000	915 STATE FAIR BLVD	N 1 - 2 (1.739 mi.)	AD139	586
DORCO Date Closed: 10/24/1990	915 STATE FAIR BLVD	N 1 - 2 (1.739 mi.)	AD140	591
MAHIMA ONE CORP Date Closed: 10/4/1989	915 STATE FAIR BLVD	N 1 - 2 (1.739 mi.)	AD141	596
SOUTHERN CONTAINER -SYRACUSE Date Closed: 11/4/2005	100 SOUTHERN DRIVE	SW 1 - 2 (1.750 mi.)	142	611
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
ROBERT SPENCE Date Closed: 3/31/1993	AIRPORT & WARNERS RD	WNW 1/2 - 1 (0.846 mi.)	E15	72
NYSDOT Date Closed: 3/22/1989	AIRPORT RD&SOUTH DEY RDWNW 1/2 - 1 (0.884 mi.)		E20	98
GAS STATION Date Closed: 8/5/2002	756 STATE FAIR BLVD	NNE 1 - 2 (1.235 mi.)	L52	208
LUBER INC Date Closed: 7/21/2003	690 STATE FAIR BLVD	NE 1 - 2 (1.259 mi.)	N65	251
SYRACUSE EXECUTIVE AIR Date Closed: 8/5/2002	SYRACUSE AIRPORT	E 1 - 2 (1.392 mi.)	W110	454
CLARKS PETROLEUM SERVICE Date Closed: 5/24/1994	690W NEAR FAIRGRD	ENE 1 - 2 (1.488 mi.)	117	495
BALLARD CONSTRUCTION Date Closed: 3/25/1993	320 BRIDGE STREET	E 1 - 2 (1.669 mi.)	AC131	564
CARBONE PONTIAC Date Closed: 1/31/1991	HIAWATHA & STATE FAIR	E 1 - 2 (1.733 mi.)	137	581

HIST LTANKS: A listing of leaking underground and aboveground storage tanks. The causes of the incidents are tank test failures, tank failures or tank overfills. In 2002, the Department of Environmental Conservation stopped providing updates to its original Spills Information Database. This database includes fields that are no longer available from the NYDEC as of January 1, 2002. Current information may be found in the NY LTANKS database.

A review of the HIST LTANKS list, as provided by EDR, and dated 01/01/2002 has revealed that there are 23 HIST LTANKS sites within approximately 1.75 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
BIANCHI EXCAVATING Date Closed: 08/06/96	BIANCHI EXCAVATING	E 1/2 - 1 (0.755 mi.)	D11	65
CAMILLUS DOT GARAGE Date Closed: 12/07/87	AIRPORT ROAD	WNW 1/2 - 1 (0.997 mi.)	21	100

EXECUTIVE SUMMARY

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
SOLVAY HIGHWAY GARAGE Date Closed: 11/10/94	3143 MILTON AVE	SE 1 - 2 (1.346 mi.)	S81	306
STANTON FOUNDRY Date Closed: 09/17/91	3004 MILTON AVE	SE 1 - 2 (1.359 mi.)	T92	342
ATLANTIC STA. RT. 173 Date Closed: 11/14/90	RTE. 173 & MILTON AVE.	SSE 1 - 2 (1.455 mi.)	115	484
NIMO HINSDALE SERVICE CTR Date Closed: / /	500 HINSDALE ROAD	SSW 1 - 2 (1.503 mi.)	Y121	521
LARRY MCGRAW Date Closed: / /	MILTON & HINSDALE	SSW 1 - 2 (1.515 mi.)	Y123	536
FEMANO'S AUTOMOTIVE Date Closed: / /	2459 MILTON AVENUE	ESE 1 - 2 (1.570 mi.)	Z124	538
JEROME PLMB., MILTON AVE. Date Closed: 08/11/87	CITGO STATION; MILTON A	ESE 1 - 2 (1.587 mi.)	Z125	541
SYRACUSE POTTERY Date Closed: 05/23/90	SYRACUSE POTTERY RD	WNW 1 - 2 (1.678 mi.)	133	567
LCP (AGAIN) Date Closed: 07/27/88	SOUTH STORAGE AREA	ESE 1 - 2 (1.679 mi.)	AA134	569
LCP CAUSTIC TANK Date Closed: 09/18/88	MATHEWS AVE	ESE 1 - 2 (1.679 mi.)	AA135	572
MILTON AVE Date Closed: 02/27/96	2239 MILTON AVE.	ESE 1 - 2 (1.736 mi.)	138	583
QUICKWAY Date Closed: 08/15/00	915 STATE FAIR BLVD	N 1 - 2 (1.739 mi.)	AD139	586
DORCO Date Closed: 10/24/90	915 STATE FAIR BLVD	N 1 - 2 (1.739 mi.)	AD140	591
MAHIMA ONE CORP Date Closed: 10/04/89	915 STATE FAIR BLVD	N 1 - 2 (1.739 mi.)	AD141	596
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
ROBERT SPENCE Date Closed: 03/31/93	AIRPORT & WARNERS RD	WNW 1/2 - 1 (0.846 mi.)	E15	72
NYS DOT Date Closed: 03/22/89	AIRPORT RD&SOUTH DEY RDWNW 1/2 - 1 (0.884 mi.)		E20	98
GAS STATION Date Closed: / /	756 STATE FAIR BLVD	NNE 1 - 2 (1.235 mi.)	L52	208
SYRACUSE EXECUTIVE AIR Date Closed: / /	SYRACUSE AIRPORT	E 1 - 2 (1.392 mi.)	W110	454
CLARKS PETROLEUM SERVICE Date Closed: 05/24/94	690W NEAR FAIRGRD	ENE 1 - 2 (1.488 mi.)	117	495
BALLARD CONSTRUCTION Date Closed: 03/25/93	320 BRIDGE STREET	E 1 - 2 (1.669 mi.)	AC131	564
CARBONE PONTIAC Date Closed: 01/31/91	HIAWATHA & STATE FAIR	E 1 - 2 (1.733 mi.)	137	581

EXECUTIVE SUMMARY

State and tribal registered storage tank lists

UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the Department of Environmental Conservation's Petroleum Bulk Storage (PBS) Database

A review of the UST list, as provided by EDR, and dated 10/05/2010 has revealed that there are 14 UST sites within approximately 1.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
BIANCHI EXCAVATING, INC.	5987 BELLE ISLE RD	SSE 1/2 - 1 (0.867 mi.)	F19	94
SOLVAY HIGHWAY GARAGE	3143 MILTON AVE	SE 1 - 2 (1.346 mi.)	S80	303
ALLIED INDUSTRIAL LAUNDRY	3117 MILTON AVE	SE 1 - 2 (1.348 mi.)	S82	317
STANTON FOUNDRY	3004 MILTON AVE	SE 1 - 2 (1.359 mi.)	T92	342
CORRENTE SERVICE STATION	2913 MILTON AVE	ESE 1 - 2 (1.386 mi.)	V108	441
SOLVAY BIG M	2909 MILTON AVE	ESE 1 - 2 (1.388 mi.)	V109	449
POOJA ENTERPRISES	3385 MILTON AVE	SSE 1 - 2 (1.402 mi.)	111	456
FASTRAC MARKET #287	507 HINSDALE RD	SW 1 - 2 (1.437 mi.)	114	473
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
VAL'S MOTORS INC.	756 STATE FAIR BLVD	NNE 1 - 2 (1.236 mi.)	L55	226
BYRNE DAIRY LAKELAND	759 - 763 STATE FAIR BL	NNE 1 - 2 (1.235 mi.)	L58	233
FRANK G. POPE	691 STATE FAIR BLVD	NE 1 - 2 (1.250 mi.)	N64	245
LUBER INC.	690 STATE FAIR BLVD	NE 1 - 2 (1.259 mi.)	N67	267
ESTATE OF JOHN S. FACIK	670 STATE FAIR BLVD	ENE 1 - 2 (1.308 mi.)	O71	276
NEW YORK STATE FAIR DIV	DEPT OF AGRICULTURE & M	E 1 - 2 (1.460 mi.)	W116	487

AST: The Aboveground Storage Tank database contains registered ASTs. The data come from the Department of Environmental Conservation's Petroleum Bulk Storage (PBS) Database.

A review of the AST list, as provided by EDR, and dated 10/05/2010 has revealed that there are 7 AST sites within approximately 1.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CAMILLUS C&D LANDFILL	6051 BELLE ISLE RD	S 1/2 - 1 (0.660 mi.)	C9	60
BIANCHI EXCAVATING, INC.	5987 BELLE ISLE RD.	SSE 1/2 - 1 (0.867 mi.)	F18	77
CAMILLUS PUMP STATION	4718 MILTON AVE.	S 1 - 2 (1.309 mi.)	P74	286
SOLVAY HIGHWAY GARAGE	3143 MILTON AVE	SE 1 - 2 (1.346 mi.)	S81	306
FRAZER & JONES COMPANY	3000 MILTON AVE	SE 1 - 2 (1.360 mi.)	T102	426
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
LUBER INC.	690 STATE FAIR BLVD.	NE 1 - 2 (1.259 mi.)	N66	254
NEW YORK STATE FAIR DIV	DEPT OF AGRICULTURE & M	E 1 - 2 (1.460 mi.)	W116	487

CBS AST: Chemical Bulk Storage Database. Registration data collected as required by 6 NYCRR Part 596. It includes facilities storing hazardous substances listed in 6 NYCRR Part 597, in aboveground tanks with capacities of 185 gallons or greater, and/or in underground tanks of any size. Includes facilities registered (and closed) since effective date of CBS regulations (July 15, 1988) through the date request is processed.

A review of the CBS AST list, as provided by EDR, and dated 01/01/2002 has revealed that there are 2

EXECUTIVE SUMMARY

CBS AST sites within approximately 1.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CAMILLUS PUMP STATION	4718 MILTON AVENUE	S 1 - 2 (1.309 mi.)	P73	284

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
SYRACUSE GENERATING FACILITY	300 BELLE ISLE ROAD	ESE 1 - 2 (1.146 mi.)	I35	171

CBS: These facilities store regulated hazardous substances in aboveground tanks with capacities of 185 gallons or greater, and/or in underground tanks of any size

A review of the CBS list, as provided by EDR, and dated 10/05/2010 has revealed that there are 3 CBS sites within approximately 1.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
HONEYWELL INTERNATIONAL INC.	522 GERE LOCK RD	E 1/2 - 1 (0.599 mi.)	B3	47
ALLIED INDUSTRIAL LAUNDRY	3117 MILTON AVE	SE 1 - 2 (1.348 mi.)	S82	317

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
SYRACUSE GENERATING FACILITY	300 BELLE ISLE ROAD	ESE 1 - 2 (1.146 mi.)	I35	171

State and tribal institutional control / engineering control registries

ENG CONTROLS: Environmental Remediation sites that have engineering controls in place.

A review of the ENG CONTROLS list, as provided by EDR, and dated 11/23/2010 has revealed that there is 1 ENG CONTROLS site within approximately 1.75 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
P&S / BOYD AVE.	50 BOYD AVENUE	ESE 1 - 2 (1.512 mi.)	122	524

INST CONTROL: Environmental Remediation sites that have institutional controls in place.

A review of the INST CONTROL list, as provided by EDR, and dated 11/23/2010 has revealed that there is 1 INST CONTROL site within approximately 1.75 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
P&S / BOYD AVE.	50 BOYD AVENUE	ESE 1 - 2 (1.512 mi.)	122	524

State and tribal Brownfields sites

BROWNFIELDS: Brownfields Site List

A review of the BROWNFIELDS list, as provided by EDR, and dated 11/23/2010 has revealed that there are 3 BROWNFIELDS sites within approximately 1.75 miles of the target property.

EXECUTIVE SUMMARY

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
P&S / BOYD AVE.	50 BOYD AVENUE	ESE 1 - 2 (1.512 mi.)	122	524
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
PARCEL A--MATHEWS AVENUE LANDF	303 BELLE ISLE ROAD	ESE 1 - 2 (1.142 mi.)	I33	128
ONONDAGA COGENERATION LTD PART	300 BRIDGE ST	ESE 1 - 2 (1.682 mi.)	AC136	575

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Registered Storage Tanks

HIST UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the Department of Environmental Conservation's Petroleum Bulk Storage (PBS) Database

A review of the HIST UST list, as provided by EDR, and dated 01/01/2002 has revealed that there are 15 HIST UST sites within approximately 1.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
BIANCHI EXCAVATING, INC.	5987 BELLE ISLE RD.	SSE 1/2 - 1 (0.867 mi.)	F18	77
CAMILLUS PUMP STATION	4718 MILTON AVE.	S 1 - 2 (1.309 mi.)	P74	286
SOLVAY HIGHWAY GARAGE	3143 MILTON AVE	SE 1 - 2 (1.346 mi.)	S81	306
ALLIED INDUSTRIAL LAUNDRY	3117 MILTON AVE	SE 1 - 2 (1.348 mi.)	S82	317
CAMILLUS HIGHWAY DEPARTMENT	3097 MILTON AVE.	SE 1 - 2 (1.349 mi.)	S83	323
STANTON FOUNDRY	3004 MILTON AVE	SE 1 - 2 (1.359 mi.)	T92	342
CORRENTE SERVICE STATION	2913 MILTON AVE	ESE 1 - 2 (1.386 mi.)	V108	441
SOLVAY BIG M	2909 MILTON AVE	ESE 1 - 2 (1.388 mi.)	V109	449
POOJA ENTERPRISES	3385 MILTON AVE	SSE 1 - 2 (1.402 mi.)	111	456
FASTRAC MARKET #287	507 HINSDALE RD	SW 1 - 2 (1.437 mi.)	114	473
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
VAL'S MOTORS INC.	756 STATE FAIR BLVD	NNE 1 - 2 (1.236 mi.)	L55	226
FRANK G. POPE	691 STATE FAIR BLVD	NE 1 - 2 (1.250 mi.)	N64	245
LUBER INC.	690 STATE FAIR BLVD.	NE 1 - 2 (1.259 mi.)	N66	254
ESTATE OF JOHN S. FACIK	670 STATE FAIR BLVD	ENE 1 - 2 (1.308 mi.)	O71	276
NEW YORK STATE FAIR DIV	DEPT OF AGRICULTURE & M	E 1 - 2 (1.460 mi.)	W116	487

HIST AST: The Aboveground Storage Tank database contains registered ASTs. The data come from the Department of Environmental Conservation's Petroleum Bulk Storage (PBS) Database.

A review of the HIST AST list, as provided by EDR, and dated 01/01/2002 has revealed that there are 2 HIST AST sites within approximately 1.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
BIANCHI EXCAVATING, INC.	5987 BELLE ISLE RD.	SSE 1/2 - 1 (0.867 mi.)	F18	77
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
SYRACUSE GENERATING FACILITY	300 BELLE ISLE ROAD	ESE 1 - 2 (1.146 mi.)	I35	171

EXECUTIVE SUMMARY

Records of Emergency Release Reports

NY Spills: Data collected on spills reported to NYSDEC. is required by one or more of the following: Article 12 of the Navigation Law, 6 NYCRR Section 613.8 (from PBS regs), or 6 NYCRR Section 595.2 (from CBS regs). It includes spills active as of April 1, 1986, as well as spills occurring since this date.

A review of the NY Spills list, as provided by EDR, and dated 11/23/2010 has revealed that there are 46 NY Spills sites within approximately 1.375 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
ONONDAGA LAKE SEDIMENTS Date Closed: 7/20/1992	ONONDAGA LAKE	ENE 1/2 - 1 (0.783 mi.)	0	12
HONEYWELL INTERNATIONAL INC. Date Closed: 11/22/2010	522 GERE LOCK RD	E 1/2 - 1 (0.599 mi.)	B3	47
GERELOCK I Date Closed: 8/4/1993	THOMAS AVE & GERELOCK RE	1/2 - 1 (0.651 mi.)	B4	49
GERELOCK RD. II Date Closed: 8/4/1993	GERELOCK RD. & THOMAS DE	1/2 - 1 (0.651 mi.)	B5	52
GERELOCK RD. Date Closed: 5/27/1993	GERELOCK RD	E 1/2 - 1 (0.673 mi.)	10	63
DUKE'S PLUMBING Date Closed: 4/22/2010	5987 BELLE ISLE RD	SSE 1/2 - 1 (0.867 mi.)	F17	76
ARMSTRONG ROAD Date Closed: 12/31/1993	280 ARMSTRONG	NNE 1 - 2 (1.063 mi.)	22	103
HORNADY DR Date Closed: 10/30/1995	306 HORNADY DR	SSE 1 - 2 (1.108 mi.)	23	106
GUY SALVATERRA Date Closed: 9/21/2000	3475 WARNERS RD	WSW 1 - 2 (1.120 mi.)	G25	109
Not reported Date Closed: 12/7/2001	3475 WARNERS RD	WSW 1 - 2 (1.120 mi.)	G26	111
BOCHINO RESIDENCE Date Closed: 10/31/1995	157 ARMSTRONG ROAD	NNE 1 - 2 (1.131 mi.)	H27	114
ARMSTRONG ROAD Date Closed: 5/5/1994	157 ARMSTRONG RD	NNE 1 - 2 (1.131 mi.)	H28	116
O'BRIEN RESIDENCE Date Closed: 8/31/1997	155 ARMSTRONG ROAD	NNE 1 - 2 (1.133 mi.)	H30	120
155 ARMSTRONG RD Date Closed: 5/30/1994	155/157 ARMSTRONG RD	NNE 1 - 2 (1.133 mi.)	H31	123
Not reported Date Closed: 7/12/2000	3703 WARNERS RD	SSW 1 - 2 (1.139 mi.)	32	125
FINGERLAKES COLLISION Date Closed: 12/14/1994	6171 AIRPORT ROAD	W 1 - 2 (1.148 mi.)	J39	187
Not reported Date Closed: 6/21/2003	WARNERS RD & AIRPORT RD	W 1 - 2 (1.166 mi.)	J41	192
ROTELLA BODY SHOP Date Closed: 1/12/1993	521 HORAN RD	SE 1 - 2 (1.246 mi.)	M62	237
BTWN BENNETT & POTTERY Date Closed: 11/19/1996	WARNERS RD	W 1 - 2 (1.311 mi.)	Q76	294
OLD ERIE CANAL Date Closed: 3/4/1990	WARNERS RD/THOMPSON RDW	1 - 2 (1.311 mi.)	Q77	298

EXECUTIVE SUMMARY

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
SOLVAY HIGHWAY GARAGE Date Closed: 9/16/2005 Date Closed: 9/13/2010	3143 MILTON AVE	SE 1 - 2 (1.346 mi.)	S81	306
ALLIED INDUSTRIAL LAUNDRY Date Closed: 1/8/2009 Date Closed: 1/8/2009	3117 MILTON AVE	SE 1 - 2 (1.348 mi.)	S82	317
TOWN OF CAMILLUS HI-WAY Date Closed: 9/13/1991	3097 MILTON AVE	SE 1 - 2 (1.349 mi.)	S84	326
CAMILLUS HIGHWAY GARAGE Date Closed: 4/10/2008	3097 MILTON AVE	SE 1 - 2 (1.349 mi.)	S85	328
TOWN OF CAMILLUS HIGHWAY GARAG Date Closed: 1/8/2009	3097 MILTON AVE	SE 1 - 2 (1.349 mi.)	S86	330
108 PINAFORE DRIVE Date Closed: 6/30/2000	108 PINAFORE DRIVE	WSW 1 - 2 (1.353 mi.)	87	331
Not reported Date Closed: 9/1/2002	167 BENNETT RD	SW 1 - 2 (1.357 mi.)	90	338
FRAZIER JONES Date Closed: 5/12/1995	3000 MILTON AVE	SE 1 - 2 (1.359 mi.)	T91	339
LCP CHEMICAL Date Closed: 5/19/1988 Date Closed: 6/14/1988 <i>*Additional key fields are available in the Map Findings section</i>	MATTHEWS AVE	SE 1 - 2 (1.359 mi.)	T93	352
CITGO INC., MILTON AVE. Date Closed: 6/4/1987	MILTON AVE.	SE 1 - 2 (1.359 mi.)	T95	362
LCP CHEMICAL /NY INC Date Closed: 7/22/1988 Date Closed: 8/25/1987 <i>*Additional key fields are available in the Map Findings section</i>	MATHEWS AVE	SE 1 - 2 (1.359 mi.)	T97	367
FRAZER AND JONES Date Closed: 1/2/2008	3000 MILTON AVE	SE 1 - 2 (1.360 mi.)	T98	410
FRAISER & JONES Date Closed: 8/5/2002	3000 MILTON AVENUE	SE 1 - 2 (1.360 mi.)	T101	424
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
OLD COUNTY YARD Date Closed: 8/19/2009	6392 AIRPORT ROAD	NW 1/2 - 1 (0.805 mi.)	13	70
ARMSTRONG ROAD Date Closed: 2/4/2008	3701 ARMSTRONG ROAD	NNW 1/2 - 1 (0.849 mi.)	16	75
BACOLA RESIDENCE Date Closed: 6/26/1989	740 STATE FAIR BLVD	NE 1 - 2 (1.191 mi.)	K43	193
LAKELAND GARAGE Date Closed: 2/11/1988	759 STATE FAIR BLVD.	NNE 1 - 2 (1.234 mi.)	L47	199
FAIR DELI MART Date Closed: 7/23/2008	757 STATE FAIR BLVD	NNE 1 - 2 (1.234 mi.)	L48	202
LAKE LAND GARAGE Date Closed: 5/10/2006	759 STATE FAIR BLVD	NNE 1 - 2 (1.235 mi.)	L49	203
THE LAKELAND GARAGE Date Closed: 9/5/2006	759 STATE FAIR BLVD	NNE 1 - 2 (1.235 mi.)	L50	205

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<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
MYERS CAMPERS Date Closed: 8/5/2002	759 STATE FAIR BLVD	NNE 1 - 2 (1.235 mi.)	L51	206
VAL'S MOTORS, INC. Date Closed: 8/25/1995	756 STATE FAIR BLVD	NNE 1 - 2 (1.236 mi.)	L53	211
BYRNE DAIRY STORE Date Closed: 10/27/2008	759 STATE FAIR BLVD	NNE 1 - 2 (1.235 mi.)	L57	232
RUNOFF CREEK Date Closed: 11/4/1998	3576 KIRK RD	NW 1 - 2 (1.294 mi.)	70	274
670 STATE FAIR BLVD Date Closed: 8/6/2002	670 STATE FAIR BLVD	ENE 1 - 2 (1.308 mi.)	O72	281
ABANDONED DRUMS Date Closed: 12/13/1993	SOLVAY FAIRGROUNDS EXITENE 1 - 2 (1.346 mi.)		79	301

NY Hist Spills: This database contains records of chemical and petroleum spill incidents. Under State law, petroleum and hazardous chemical spills that can impact the waters of the state must be reported by the spiller (and, in some cases, by anyone who has knowledge of the spills). In 2002, the Department of Environmental Conservation stopped providing updates to its original Spills Information Database. This database includes fields that are no longer available from the NYDEC as of January 1, 2002. Current information may be found in the NY SPILLS database.

A review of the NY Hist Spills list, as provided by EDR, and dated 01/01/2002 has revealed that there are 30 NY Hist Spills sites within approximately 1.375 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
ONONDAGA LAKE SEDIMENTS	ONONDAGA LAKE	ENE 1/2 - 1 (0.783 mi.)	0	12
GERELOCK I	THOMAS AVE & GERELOCK RE	1/2 - 1 (0.651 mi.)	B4	49
GERELOCK RD. II	GERELOCK RD. & THOMAS DE	1/2 - 1 (0.651 mi.)	B5	52
GERELOCK RD.	GERELOCK RD	E 1/2 - 1 (0.673 mi.)	10	63
ARMSTRONG ROAD	280 ARMSTRONG	NNE 1 - 2 (1.063 mi.)	22	103
HORNADY DR	306 HORNADY DR	SSE 1 - 2 (1.108 mi.)	23	106
GUY SALVATERRA	3475 WARNERS RD	WSW 1 - 2 (1.120 mi.)	G25	109
<i>Not reported</i>	3475 WARNERS RD	WSW 1 - 2 (1.120 mi.)	G26	111
BOCHINO RESIDENCE	157 ARMSTRONG ROAD	NNE 1 - 2 (1.131 mi.)	H27	114
ARMSTRONG ROAD	157 ARMSTRONG RD	NNE 1 - 2 (1.131 mi.)	H28	116
O'BRIEN RESIDENCE	155 ARMSTRONG ROAD	NNE 1 - 2 (1.133 mi.)	H30	120
155 ARMSTRONG RD	155/157 ARMSTRONG RD	NNE 1 - 2 (1.133 mi.)	H31	123
<i>Not reported</i>	3703 WARNERS RD	SSW 1 - 2 (1.139 mi.)	32	125
FINGERLAKES COLLISION	6171 AIRPORT ROAD	W 1 - 2 (1.148 mi.)	J39	187
ROTELLA BODY SHOP	521 HORAN RD	SE 1 - 2 (1.246 mi.)	M62	237
BTWN BENNETT & POTTERY	WARNERS RD	W 1 - 2 (1.311 mi.)	Q76	294
TOWN OF CAMILLUS HI-WAY	3097 MILTON AVE	SE 1 - 2 (1.349 mi.)	S84	326
108 PINAFORE DRIVE	108 PINAFORE DRIVE	WSW 1 - 2 (1.353 mi.)	87	331
FRAZIER JONES	3000 MILTON AVE	SE 1 - 2 (1.359 mi.)	T91	339
LCP CHEMICAL	MATHEWS AVE	SE 1 - 2 (1.359 mi.)	T93	352
CITGO INC., MILTON AVE.	MILTON AVE.	SE 1 - 2 (1.359 mi.)	T95	362
LCP CHEMICAL /NY INC	MATHEWS AVE	SE 1 - 2 (1.359 mi.)	T97	367
FRAISER & JONES	3000 MILTON AVENUE	SE 1 - 2 (1.360 mi.)	T101	424
Lower Elevation	Address	Direction / Distance	Map ID	Page
BACOLA RESIDENCE	740 STATE FAIR BLVD	NE 1 - 2 (1.191 mi.)	K43	193
LAKELAND GARAGE	759 STATE FAIR BLVD.	NNE 1 - 2 (1.234 mi.)	L47	199

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<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
MYERS CAMPERS	759 STATE FAIR BLVD	NNE 1 - 2 (1.235 mi.)	L51	206
VAL'S MOTORS, INC.	756 STATE FAIR BLVD	NNE 1 - 2 (1.236 mi.)	L53	211
RUNOFF CREEK	3576 KIRK RD	NW 1 - 2 (1.294 mi.)	70	274
670 STATE FAIR BLVD	670 STATE FAIR BLVD	ENE 1 - 2 (1.308 mi.)	O72	281
ABANDONED DRUMS	SOLVAY FAIRGROUNDS EXIT	ENE 1 - 2 (1.346 mi.)	79	301

Other Ascertainable Records

RCRA-NonGen: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

A review of the RCRA-NonGen list, as provided by EDR, and dated 02/17/2010 has revealed that there are 16 RCRA-NonGen sites within approximately 1.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
NYSDOT BIN 1093349	RTE 695 OVER GERELock R	E 1/2 - 1 (0.781 mi.)	D12	68
NYSDOT BRIDGE BIN 1039280	RTE 174 OVER NINE MILE	W 1 - 2 (1.154 mi.)	J40	189
TONY ROTELLAS BODY SHOP INC.	521 HORAN RD	SE 1 - 2 (1.248 mi.)	M63	240
ONONDAGA COUNTY OF DEPT DRAINAGE	STATE FAIR BLVD & RTE 5	NNE 1 - 2 (1.265 mi.)	L68	271
NYSDOT BIN 1093480	STATE RTE 173 OVER STAT	SSE 1 - 2 (1.310 mi.)	75	291
NMPC GERESLOCK SUBSTATION	HORAN RD - 0.6 MI N OF	SE 1 - 2 (1.328 mi.)	R78	299
NYSDOT BRIDGE BIN 1093421	RTE 5 WB OVER RTE 297 &	SE 1 - 2 (1.354 mi.)	R88	333
NYSDOT BRIDGE BIN 1093422	RTE 5 EB OVER RTE 297 &	SE 1 - 2 (1.354 mi.)	R89	335
STANTON FOUNDRY	3004 MILTON AVE	SE 1 - 2 (1.359 mi.)	T92	342
FRAZER & JONES	3000 MILTON AVE	SE 1 - 2 (1.360 mi.)	T100	412
NYSDOT BRIDGE BIN 1093479	RTE 5 OVER HINSDALE RD	SW 1 - 2 (1.363 mi.)	U105	433

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
WPS SYRACUSE GENERATION LLC	300 BELLE ISLE ROAD	ESE 1 - 2 (1.146 mi.)	I36	181
VAL'S MOTORS	743 STATE FAIR BLVD	NE 1 - 2 (1.200 mi.)	45	196
NYSDOT BIN 1093320	695N OVER RTE 931B & CO	E 1 - 2 (1.229 mi.)	46	198
LUBER INC	690 STATE FAIR BLVD	NE 1 - 2 (1.259 mi.)	N65	251
NYS FAIRGROUNDS SLF	STATE FAIR BLVD	E 1 - 2 (1.360 mi.)	104	430

ROD: Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid the cleanup.

A review of the ROD list, as provided by EDR, and dated 06/01/2010 has revealed that there is 1 ROD site within approximately 2.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
ONONDAGA LAKE SEDIMENTS	ONONDAGA LAKE	ENE 1/2 - 1 (0.783 mi.)	0	12

EXECUTIVE SUMMARY

TSCA: The Toxic Substances Control Act identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site. The United States Environmental Protection Agency has no current plan to update and/or re-issue this database.

A review of the TSCA list, as provided by EDR, and dated 12/31/2006 has revealed that there is 1 TSCA site within approximately 1.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
KAMINE/BESICORP SYRACUSE COGEN	300 BELLE ISLE RD	ESE 1 - 2 (1.146 mi.)	I37	185

FINDS: The Facility Index System contains both facility information and "pointers" to other sources of information that contain more detail. These include: RCRIS; Permit Compliance System (PCS); Aerometric Information Retrieval System (AIRS); FATES (FIFRA [Federal Insecticide Fungicide Rodenticide Act] and TSCA Enforcement System, FTTS [FIFRA/TSCA Tracking System]; CERCLIS; DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes); Federal Underground Injection Control (FURS); Federal Reporting Data System (FRDS); Surface Impoundments (SIA); TSCA Chemicals in Commerce Information System (CICS); PADS; RCRA-J (medical waste transporters/disposers); TRIS; and TSCA. The source of this database is the U.S. EPA/NTIS.

A review of the FINDS list, as provided by EDR, and dated 04/14/2010 has revealed that there are 14 FINDS sites within approximately 1.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
ONONDAGA LAKE SEDIMENTS	ONONDAGA LAKE	ENE 1/2 - 1 (0.783 mi.)	0	12
BELLE ISLE C & D LANDFILL SITE	6051 BELLE ISLE ROAD	S 1/2 - 1 (0.659 mi.)	C6	54
NYSDOT BIN 1093349	RTE 695 OVER GERELock R	E 1/2 - 1 (0.781 mi.)	D12	68
NYSDOT BRIDGE BIN 1039280	RTE 174 OVER NINE MILE	W 1 - 2 (1.154 mi.)	J40	189
FRED SPICER PROPERTY	515 HORAN ROAD	SE 1 - 2 (1.238 mi.)	M59	236
ONONDAGA CO GREENFIELD VILLAGE	BRIARHURST LN	WSW 1 - 2 (1.242 mi.)	60	237
SLAVIC FULL GOSPEL CHURCH	519 HORAN RD	SE 1 - 2 (1.244 mi.)	M61	237
TONY ROTELLAS BODY SHOP INC.	521 HORAN RD	SE 1 - 2 (1.248 mi.)	M63	240

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
WPS SYRACUSE GENERATION LLC	300 BELLE ISLE ROAD	ESE 1 - 2 (1.146 mi.)	I36	181
VALERINO PROPERTY	730 STATE FAIR BOULEVAR	NE 1 - 2 (1.188 mi.)	K42	193
DESTEFANO PROPERTY	740 STATE FAIR BLVD	NE 1 - 2 (1.192 mi.)	K44	196
VAL'S MOTORS	743 STATE FAIR BLVD	NE 1 - 2 (1.200 mi.)	45	196
NYSDOT BIN 1093320	695N OVER RTE 931B & CO	E 1 - 2 (1.229 mi.)	46	198
VAL'S MOTORS, INC.	756 STATE FAIR BLVD	NNE 1 - 2 (1.236 mi.)	L53	211

HSWDS: The List includes any known or suspected hazardous substance waste disposal sites. Also included are sites delisted from the Registry of Inactive Hazardous Waste Disposal Sites and non-registry sites that U.S. EPA Preliminary Assessment (PA) reports or Site Investigation (SI) reports were prepared. Hazardous Substance Waste Disposal Sites are eligible to be Superfund sites now that the New York State Superfund has been refinanced and changed. This means that the study inventory has served its purpose and will no longer be maintained as a separate entity. The latest version of the study is frozen in time. The sites on the study will not automatically be made superfund sites, rather each site will be further evaluated for listing in the registry. So overtime they will be added to the registry or not.

A review of the HSWDS list, as provided by EDR, and dated 01/01/2003 has revealed that there are 4

EXECUTIVE SUMMARY

HSWDS sites within approximately 1.75 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
FRAZER AND JONES CO.	3000 MILTON AVE	SE 1 - 2 (1.360 mi.)	T103	429
TEK DRY CLEANERS	852 STATE FAIR BLVD	NNE 1 - 2 (1.500 mi.)	X119	509
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
VAL'S DODGE	756 STATE FAIR BLVD	NNE 1 - 2 (1.236 mi.)	L54	224
VAL'S DODGE (2)	756 STATE FAIR BLVD	NNE 1 - 2 (1.236 mi.)	L56	230

MANIFEST: Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

A review of the MANIFEST list, as provided by EDR, and dated 10/28/2010 has revealed that there are 14 MANIFEST sites within approximately 1.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>NYSDOT BRIDGE BIN 1039280</i>	<i>RTE 174 OVER NINE MILE</i>	<i>W 1 - 2 (1.154 mi.)</i>	<i>J40</i>	<i>189</i>
<i>TONY ROTELLAS BODY SHOP INC.</i>	<i>521 HORAN RD</i>	<i>SE 1 - 2 (1.248 mi.)</i>	<i>M63</i>	<i>240</i>
<i>ONONDAGA COUNTY OF DEPT DRAINAGE</i>	<i>STATE FAIR BLVD & RTE 5</i>	<i>NNE 1 - 2 (1.265 mi.)</i>	<i>L68</i>	<i>271</i>
<i>NYSDOT BIN 1093480</i>	<i>STATE RTE 173 OVER STAT</i>	<i>SSE 1 - 2 (1.310 mi.)</i>	<i>75</i>	<i>291</i>
<i>NYSDOT BRIDGE BIN 1093422</i>	<i>RTE 5 EB OVER RTE 297 &</i>	<i>SE 1 - 2 (1.354 mi.)</i>	<i>R89</i>	<i>335</i>
<i>STANTON FOUNDRY</i>	<i>3004 MILTON AVE</i>	<i>SE 1 - 2 (1.359 mi.)</i>	<i>T92</i>	<i>342</i>
<i>LCP CHEMICAL /NY INC</i>	<i>MATHEWS AVE</i>	<i>SE 1 - 2 (1.359 mi.)</i>	<i>T97</i>	<i>367</i>
<i>FRAZER & JONES</i>	<i>3000 MILTON AVE</i>	<i>SE 1 - 2 (1.360 mi.)</i>	<i>T100</i>	<i>412</i>
<i>NYSDOT BRIDGE BIN 1093479</i>	<i>RTE 5 OVER HINSDALE RD</i>	<i>SW 1 - 2 (1.363 mi.)</i>	<i>U105</i>	<i>433</i>
<i>KINANE CO</i>	<i>2925 MILTON AVE</i>	<i>ESE 1 - 2 (1.382 mi.)</i>	<i>V107</i>	<i>437</i>
<i>NORTHSIDE COLLISION</i>	<i>509 HINSDALE RD</i>	<i>SW 1 - 2 (1.415 mi.)</i>	<i>U113</i>	<i>469</i>
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>VAL'S MOTORS, INC.</i>	<i>756 STATE FAIR BLVD</i>	<i>NNE 1 - 2 (1.236 mi.)</i>	<i>L53</i>	<i>211</i>
<i>LUBER INC</i>	<i>690 STATE FAIR BLVD</i>	<i>NE 1 - 2 (1.259 mi.)</i>	<i>N65</i>	<i>251</i>
<i>NYS FAIRGROUNDS SLF</i>	<i>STATE FAIR BLVD</i>	<i>E 1 - 2 (1.360 mi.)</i>	<i>104</i>	<i>430</i>

DRYCLEANERS: A listing of all registered drycleaning facilities.

A review of the DRYCLEANERS list, as provided by EDR, and dated 11/19/2010 has revealed that there is 1 DRYCLEANERS site within approximately 1.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
ALLIED INDUSTRIAL LAUNDRIES	537 HORAN RD	SE 1 - 2 (1.267 mi.)	M69	273

NPDES: New York State has a state program which has been approved by the United States Environmental Protection Agency for the control of wastewater and stormwater discharges in accordance with the Clean Water Act. Under New York State law the program is known as the State Pollutant Discharge Elimination System (SPDES) and is broader in scope than that required by the Clean Water Act in that it controls point source discharges to groundwaters as well as surface waters.

A review of the NPDES list, as provided by EDR, and dated 11/16/2010 has revealed that there is 1

EXECUTIVE SUMMARY

NPDES site within approximately 1.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
WPS SYRACUSE GENERATION	300 BELLE ISLE ROAD	ESE 1 - 2 (1.146 mi.)	I38	185

AIRS:

A review of the AIRS list, as provided by EDR, and dated 12/31/2009 has revealed that there is 1 AIRS site within approximately 1.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
WPS SYRACUSE GENERATION LLC	300 BELLE ISLE ROAD	ESE 1 - 2 (1.146 mi.)	I34	129

FINANCIAL ASSURANCE: Financial assurance information.

A review of the FINANCIAL ASSURANCE list, as provided by EDR, and dated 10/12/2010 has revealed that there is 1 FINANCIAL ASSURANCE site within approximately 1.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>HONEYWELL/CAMILLUS BED #15 C&D</i>	<i>6051 BELLE ISLE RD.</i>	<i>S 1/2 - 1 (0.660 mi.)</i>	<i>C8</i>	<i>55</i>

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 20 records.

<u>Site Name</u>	<u>Database(s)</u>
NYSDOT	FINDS,MANIFEST,RCRA-NLR
NYSDEC	MANIFEST
OLD LEY CREEK CHANNEL SITE	HWS
CRUCIBLE INC /LAKE PUMP STATION	CERCLIS-NFRAP
STATE FAIR LANDFILL	CERCLIS-NFRAP
NYSDOT BIN 1093459	RCRA-LQG
NYSDOT BIN 1049610	RCRA-LQG
ONONDAGA CO STATE FAIR BRG	FINDS,RCRA-NLR
NYSDOT BIN 1093389	FINDS,RCRA-NLR
ALLIED SIGNAL INC WASTEBEDS 12-15	FINDS
SOUTH SIDE OF SHOULDER RTE 20	SPILLS
SKANEATELES LAKE	SPILLS
I/F/O 1380 RTE 11	SPILLS
COSTAL SERVICE STA	SPILLS
COUNTRY VIEW TERRACE APTS TO ROADWAY	SPILLS
RT. 81 & PEARL ST. ACCI.	SPILLS,HIST SPILLS
SOUTHERN COATING ACCIDENT	SPILLS,HIST SPILLS
RED TANK TRUCK	SPILLS,HIST SPILLS
CARRIER CORP	SPILLS

OVERVIEW MAP - 02963764.2r



- ★ Target Property
- ▲ Sites at elevations higher than or equal to the target property
- ◆ Sites at elevations lower than the target property
- ▲ Manufactured Gas Plants
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Power transmission lines
- Oil & Gas pipelines
- ▨ 100-year flood zone
- ▨ 500-year flood zone
- National Wetland Inventory
- State Wetlands

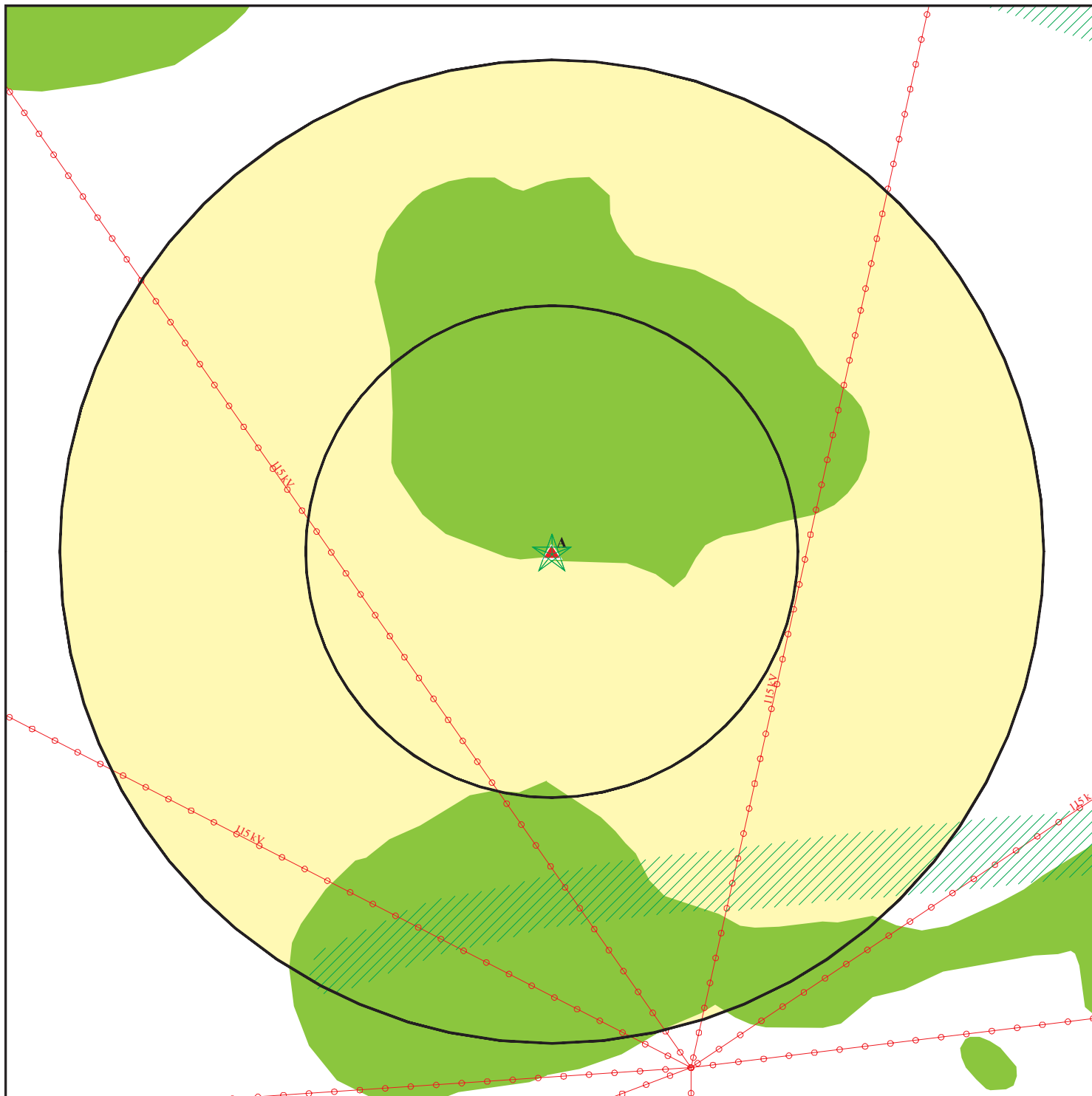


This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Wastebeds 9 Through 15
 ADDRESS: Gerelock Rd
 Syracuse NY 13209
 LAT/LONG: 43.0710 / 76.2496

CLIENT: O'Brien & Gere Engineers, Inc.
 CONTACT: Michael Miller
 INQUIRY #: 02963764.2r
 DATE: January 10, 2011 4:51 pm

DETAIL MAP - 02963764.2r



- ★ Target Property
- ▲ Sites at elevations higher than or equal to the target property
- ◆ Sites at elevations lower than the target property
- ▲ Manufactured Gas Plants
- Sensitive Receptors
- National Priority List Sites
- Dept. Defense Sites

- Indian Reservations BIA
- ⚡ Power transmission lines
- ⚡ Oil & Gas pipelines
- ▨ 100-year flood zone
- ▨ 500-year flood zone
- National Wetland Inventory
- State Wetlands

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Wastebeds 9 Through 15
 ADDRESS: Gerelock Rd
 Syracuse NY 13209
 LAT/LONG: 43.0710 / 76.2496

CLIENT: O'Brien & Gere Engineers, Inc.
 CONTACT: Michael Miller
 INQUIRY #: 02963764.2r
 DATE: January 10, 2011 4:52 pm

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
<u>STANDARD ENVIRONMENTAL RECORDS</u>								
<i>Federal NPL site list</i>								
NPL		2.250	0	0	0	1	0	1
Proposed NPL		2.250	0	0	0	0	0	0
NPL LIENS		1.250	0	0	0	0	0	0
<i>Federal Delisted NPL site list</i>								
Delisted NPL		2.250	0	0	0	0	0	0
<i>Federal CERCLIS list</i>								
CERCLIS		1.750	0	0	0	1	0	1
FEDERAL FACILITY		2.250	0	0	0	0	0	0
<i>Federal CERCLIS NFRAP site List</i>								
CERC-NFRAP		1.750	0	0	0	0	3	3
<i>Federal RCRA CORRACTS facilities list</i>								
CORRACTS		2.250	0	0	0	0	4	4
<i>Federal RCRA non-CORRACTS TSD facilities list</i>								
RCRA-TSDF		1.750	0	0	0	0	0	0
<i>Federal RCRA generators list</i>								
RCRA-LQG		1.500	0	0	0	0	1	1
RCRA-SQG		1.500	0	0	0	0	1	1
RCRA-CESQG		1.500	0	0	0	0	2	2
<i>Federal institutional controls / engineering controls registries</i>								
US ENG CONTROLS		1.750	0	0	0	1	0	1
US INST CONTROL		1.750	0	0	0	1	0	1
<i>Federal ERNS list</i>								
ERNS		1.250	0	0	0	0	0	0
<i>State- and tribal - equivalent CERCLIS</i>								
SHWS		2.250	0	0	0	0	4	4
VAPOR REOPENED		1.250	0	0	0	0	0	0
<i>State and tribal landfill and/or solid waste disposal site lists</i>								
SWF/LF		1.750	0	0	0	3	8	11
<i>State and tribal leaking storage tank lists</i>								
LTANKS		1.750	0	0	0	4	22	26
HIST LTANKS		1.750	0	0	0	4	19	23
INDIAN LUST		1.750	0	0	0	0	0	0
<i>State and tribal registered storage tank lists</i>								
UST		1.500	0	0	0	1	13	14

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
CBS UST		1.500	0	0	0	0	0	0
MOSF UST		1.750	0	0	0	0	0	0
AST		1.500	0	0	0	2	5	7
CBS AST		1.500	0	0	0	0	2	2
MOSF AST		1.750	0	0	0	0	0	0
CBS		1.500	0	0	0	1	2	3
MOSF		1.750	0	0	0	0	0	0
INDIAN UST		1.500	0	0	0	0	0	0
FEMA UST		1.500	0	0	0	0	0	0
<i>State and tribal institutional control / engineering control registries</i>								
ENG CONTROLS		1.750	0	0	0	0	1	1
INST CONTROL		1.750	0	0	0	0	1	1
RES DECL		1.430	0	0	0	0	0	0
<i>State and tribal voluntary cleanup sites</i>								
VCP		1.750	0	0	0	0	0	0
INDIAN VCP		1.750	0	0	0	0	0	0
<i>State and tribal Brownfields sites</i>								
ERP		0.750	0	0	0	0	NR	0
BROWNFIELDS		1.750	0	0	0	0	3	3
<u>ADDITIONAL ENVIRONMENTAL RECORDS</u>								
<i>Local Brownfield lists</i>								
US BROWNFIELDS		1.750	0	0	0	0	0	0
<i>Local Lists of Landfill / Solid Waste Disposal Sites</i>								
ODI		1.750	0	0	0	0	0	0
DEBRIS REGION 9		1.750	0	0	0	0	0	0
SWTIRE		1.750	0	0	0	0	0	0
SWRCY		1.750	0	0	0	0	0	0
INDIAN ODI		1.750	0	0	0	0	0	0
<i>Local Lists of Hazardous waste / Contaminated Sites</i>								
US CDL		1.250	0	0	0	0	0	0
DEL SHWS		2.250	0	0	0	0	0	0
US HIST CDL		1.250	0	0	0	0	0	0
<i>Local Lists of Registered Storage Tanks</i>								
HIST UST		1.500	0	0	0	1	14	15
HIST AST		1.250	0	0	0	1	1	2
<i>Local Land Records</i>								
LIENS 2		1.250	0	0	0	0	0	0
LUCIS		1.750	0	0	0	0	0	0

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
Records of Emergency Release Reports								
HMIRS		1.250	0	0	0	0	0	0
NY Spills	X	1.375	0	0	0	8	38	46
NY Hist Spills	X	1.375	0	0	0	4	26	30
Other Ascertainable Records								
RCRA-NonGen		1.500	0	0	0	1	15	16
DOT OPS		1.250	0	0	0	0	0	0
DOD		2.250	0	0	0	0	0	0
FUDS		2.250	0	0	0	0	0	0
CONSENT		2.250	0	0	0	0	0	0
ROD		2.250	0	0	0	1	0	1
UMTRA		1.750	0	0	0	0	0	0
MINES		1.500	0	0	0	0	0	0
TRIS		1.250	0	0	0	0	0	0
TSCA		1.250	0	0	0	0	1	1
FTTS		1.250	0	0	0	0	0	0
HIST FTTS		1.250	0	0	0	0	0	0
SSTS		1.250	0	0	0	0	0	0
ICIS		1.250	0	0	0	0	0	0
PADS		1.250	0	0	0	0	0	0
MLTS		1.250	0	0	0	0	0	0
RADINFO		1.250	0	0	0	0	0	0
FINDS		1.250	0	0	0	3	11	14
RAATS		1.250	0	0	0	0	0	0
HSWDS		1.750	0	0	0	0	4	4
MANIFEST		1.500	0	0	0	0	14	14
DRYCLEANERS		1.500	0	0	0	0	1	1
NPDES		1.250	0	0	0	0	1	1
AIRS		1.250	0	0	0	0	1	1
E DESIGNATION		1.375	0	0	0	0	0	0
INDIAN RESERV		2.250	0	0	0	0	0	0
SCRD DRYCLEANERS		1.750	0	0	0	0	0	0
COAL ASH EPA		1.750	0	0	0	0	0	0
PCB TRANSFORMER		1.250	0	0	0	0	0	0
COAL ASH DOE		1.250	0	0	0	0	0	0
FINANCIAL ASSURANCE		1.250	0	0	0	1	0	1
COAL ASH		1.750	0	0	0	0	0	0

EDR PROPRIETARY RECORDS

EDR Proprietary Records

Manufactured Gas Plants		2.250	0	0	0	0	0	0
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NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

A1
Target
Property

GERELOCK RD
SOLVAY, NY

NY Spills **S104644156**
NY Hist Spills **N/A**

Site 1 of 2 in cluster A

Actual:
399 ft.

NY Spills:
 Site ID: 96010
 Facility Addr2: Not reported
 Facility ID: 9510895
 Spill Number: 9510895
 Facility Type: ER
 SWIS: 3400
 Investigator: BFMATTHE
 Referred To: Not reported
 Spill Date: 11/29/1995
 Reported to Dept: 11/29/1995
 CID: 365
 Spill Cause: Equipment Failure
 Water Affected: Not reported
 Spill Source: Commercial/Industrial
 Spill Notifier: Responsible Party
 Cleanup Ceased: Not reported
 Cleanup Meets Std: True
 Last Inspection: Not reported
 Recommended Penalty: Penalty Not Recommended
 UST Trust: False
 Spill Class: Known release that creates a file or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
 Spill Closed Dt: 3/21/2001
 Remediation Phase: 0
 Date Entered In Computer: 11/29/1995
 Spill Record Last Update: 3/22/2001
 Spiller Name: Not reported
 Spiller Company: Not reported
 Spiller Address: Not reported
 Spiller City,St,Zip: ***Update***, ZZ
 Spiller Company: 001
 Contact Name: DAVE HILTBREMB
 Contact Phone: (315) 487-4700
 DEC Region: 7
 DER Facility ID: 85851
 DEC Memo: Prior to Sept, 2004 data translation this spill Lead_DEC Field was "BM" ACID NUETRALIZED BY OPTECT. NO FURTHER ACTION REQ'D
 Remarks: SITE GLASS BROKE CAUSING SPILL / BEING NEUTRILIZED NOW

Material:
 Site ID: 96010
 Operable Unit ID: 1025275
 Operable Unit: 01
 Material ID: 358251
 Material Code: 0029C
 Material Name: HYDROGEN CHLORIDE
 Case No.: 07647010
 Material FA: Hazardous Material
 Quantity: 5000
 Units: Gallons
 Recovered: No
 Resource Affected: Not reported
 Oxygenate: False

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

(Continued)

S104644156

Tank Test:

Site ID: Not reported
Spill Tank Test: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate: Not reported
Gross Fail: Not reported
Modified By: Not reported
Last Modified: Not reported
Test Method: Not reported

NY Hist Spills:

Region of Spill: 7
Spill Number: 9510895
Investigator: BM
Caller Name: Not reported
Caller Agency: Not reported
Caller Phone: Not reported
Notifier Name: Not reported
Notifier Agency: Not reported
Notifier Phone: Not reported
Spill Date/Time: 11/29/1995 14:20
Reported to Dept Date/Time: 11/29/95 16:00
SWIS: 31
Spiller Name: Not reported
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Contact: DAVE HILTBRAMB
Spiller Phone: (315) 487-4700
Spiller Address: Not reported
Spiller City,St,Zip: Not reported
Spill Cause: Equipment Failure
Reported to Dept: On Land
Water Affected: Not reported
Spill Source: 01
Spill Notifier: Responsible Party
PBS Number: Not reported
Cleanup Ceased: / /
Cleanup Meets Std: True
Last Inspection: / /
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Dt: / /
Enforcement Date: / /
Invstgn Complete: / /
UST Involvement: False
Spill Class: Known release that creates a file or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt: 03/21/01
Corrective Action Plan Submitted: / /
Date Region Sent Summary to Central Office: / /
Date Spill Entered In Computer Data File: 11/29/95
Date Spill Entered In Computer Data File: Not reported
Update Date: 03/22/01
Is Updated: False

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

(Continued)

S104644156

Tank:

PBS Number: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported

Material:

Material Class Type: Nonpetroleum/Nonhazardous
Quantity Spilled: 5000
Unkonwn Quantity Spilled: False
Units: Gallons
Quantity Recovered: 0
Unkonwn Quantity Recovered: True
Material: HYDROGEN CHLORIDE
Class Type: HYDROGEN CHLORIDE
Times Material Entry In File: 235
CAS Number: 07647010
Last Date: 19941111
Material: MURIATIC ACID
Class Type: MURIATIC ACID
Times Material Entry In File: 0
CAS Number: 07647010
Last Date: Not reported
Material: HYDROCHLORIC ACID
Class Type: HYDROCHLORIC ACID
Times Material Entry In File: 240
CAS Number: 07647010
Last Date: 19940802
DEC Remarks: ACID NUETRALIZED BY OPTECT. NO FURTHER ACTION REQ D
Remark: SITE GLASS BROKE CAUSING SPILL / BEING NEUTRILIZED NOW

A2
Target
Property

ALLIED SIGNAL PROPERTY
GERELock RD
SOLVAY, NY

NY Spills S103937993
NY Hist Spills N/A

Site 2 of 2 in cluster A

Actual:
399 ft.

NY Spills:
Site ID: 96011
Facility Addr2: Not reported
Facility ID: 9902533
Spill Number: 9902533
Facility Type: ER
SWIS: 3400
Investigator: CFMANNES
Referred To: Not reported
Spill Date: 6/4/1999
Reported to Dept: 6/4/1999
CID: 388
Spill Cause: Equipment Failure
Water Affected: Not reported
Spill Source: Commercial/Industrial
Spill Notifier: Responsible Party
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ALLIED SIGNAL PROPERTY (Continued)

S103937993

Recommended Penalty: Penalty Not Recommended
UST Trust: False
Spill Class: Possible release with minimal potential for fire or hazard or Known release with no damage. No DEC Response. No corrective action required.
Spill Closed Dt: 6/4/1999
Remediation Phase: 0
Date Entered In Computer: 6/4/1999
Spill Record Last Update: 6/29/1999
Spiller Name: ANNE TRIPP
Spiller Company: PAGE TRANSPORTATION
Spiller Address: 2758 TROMBLY RD
Spiller City,St,Zip: WEEDSPORT, NY
Spiller Company: 001
Contact Name: CALLER
Contact Phone: Not reported
DEC Region: 7
DER Facility ID: 85851
DEC Memo: Prior to Sept, 2004 data translation this spill Lead_DEC Field was "CM"
Remarks: CALLER REPORTS SPILL HAS BEEN CLEANED UP.

Material:

Site ID: 96011
Operable Unit ID: 1081453
Operable Unit: 01
Material ID: 306040
Material Code: 0010
Material Name: Hydraulic Oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 4
Units: Gallons
Recovered: 4
Resource Affected: Not reported
Oxygenate: False

Tank Test:

Site ID: Not reported
Spill Tank Test: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate: Not reported
Gross Fail: Not reported
Modified By: Not reported
Last Modified: Not reported
Test Method: Not reported

NY Hist Spills:

Region of Spill: 7
Spill Number: 9902533
Investigator: CM
Caller Name: Not reported
Caller Agency: Not reported
Caller Phone: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ALLIED SIGNAL PROPERTY (Continued)

S103937993

Notifier Name: Not reported
Notifier Agency: Not reported
Notifier Phone: Not reported
Spill Date/Time: 06/04/1999 12:09
Reported to Dept Date/Time: 06/04/99 13:15
SWIS: 31
Spiller Name: PAGE TRANSPORTATION
Spiller Contact: ANNE TRIPP
Spiller Phone: (315) 834-6681
Spiller Contact: CALLER
Spiller Phone: () -
Spiller Address: 2758 TROMBLY RD
Spiller City,St,Zip: WEEDSPORT, NY
Spill Cause: Equipment Failure
Reported to Dept: On Land
Water Affected: Not reported
Spill Source: 01
Spill Notifier: Responsible Party
PBS Number: Not reported
Cleanup Ceased: / /
Cleanup Meets Std: False
Last Inspection: / /
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Dt: / /
Enforcement Date: / /
Invstgn Complete: / /
UST Involvement: False
Spill Class: Possible release with minimal potential for fire or hazard or Known release with no damage. No DEC Response. No corrective action required.
Spill Closed Dt: 06/04/99
Corrective Action Plan Submitted: / /
Date Region Sent Summary to Central Office: / /
Date Spill Entered In Computer Data File: 06/04/99
Date Spill Entered In Computer Data File: Not reported
Update Date: 06/29/99
Is Updated: False
Tank:
PBS Number: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported
Material:
Material Class Type: Petroleum
Quantity Spilled: 4
Unkonwn Quantity Spilled: False
Units: Gallons
Quantity Recovered: 4
Unkonwn Quantity Recovered: False
Material: HYDRAULIC OIL
Class Type: HYDRAULIC OIL
Times Material Entry In File: 1846
CAS Number: Not reported
Last Date: 19940728

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ALLIED SIGNAL PROPERTY (Continued)

S103937993

DEC Remarks: Not reported
Remark: CALLER REPORTS SPILL HAS BEEN CLEANED UP.

**NPL
Region
ENE
1/2-1
4135 ft.**

**ONONDAGA LAKE SEDIMENTS
ONONDAGA LAKE
SYRACUSE, NY 13209**

Additional polygons located at: East 10940 ft.; ESE 7243 ft.

**NPL 1000481580
CERCLIS NYD986913580
US ENG CONTROLS
US INST CONTROL
ROD
FINDS
NY Spills
NY Hist Spills**

NPL:

EPA ID: NYD986913580
EPA Region: 02
Federal: N
Final Date: 1994-12-16 00:00:00

Site Details:

Site Name: ONONDAGA LAKE
Site Status: Final
Site Zip: 13209
Site City: SYRACUSE
Site State: NY
Federal Site: No
Site County: ONONDAGA
EPA Region: 02
Date Proposed: 05/10/93
Date Deleted: Not reported
Date Finalized: 12/16/94

Substance Details:

NPL Status: Currently on the Final NPL
Substance ID: Not reported
Substance: Not reported
CAS #: Not reported
Pathway: Not reported
Scoring: Not reported

NPL Status: Currently on the Final NPL
Substance ID: A038
Substance: NICKEL AND COMPOUNDS
CAS #: Not reported
Pathway: NO PATHWAY INDICATED
Scoring: 1

NPL Status: Currently on the Final NPL
Substance ID: C013
Substance: ANTHRACENE
CAS #: 120-12-7
Pathway: NO PATHWAY INDICATED
Scoring: 1

NPL Status: Currently on the Final NPL
Substance ID: C178
Substance: COPPER AND COMPOUNDS
CAS #: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ONONDAGA LAKE SEDIMENTS (Continued)

1000481580

Pathway:	NO PATHWAY INDICATED
Scoring:	1
NPL Status:	Currently on the Final NPL
Substance ID:	C247
Substance:	ZINC AND COMPOUNDS
CAS #:	Not reported
Pathway:	NO PATHWAY INDICATED
Scoring:	1
NPL Status:	Currently on the Final NPL
Substance ID:	C332
Substance:	PHENANTHRENE
CAS #:	85-01-8
Pathway:	NO PATHWAY INDICATED
Scoring:	1
NPL Status:	Currently on the Final NPL
Substance ID:	C431
Substance:	FLUORENE
CAS #:	86-73-7
Pathway:	NO PATHWAY INDICATED
Scoring:	1
NPL Status:	Currently on the Final NPL
Substance ID:	C460
Substance:	MERCURY
CAS #:	7439-97-6
Pathway:	SURFACE WATER PATHWAY
Scoring:	4
NPL Status:	Currently on the Final NPL
Substance ID:	D004
Substance:	ARSENIC
CAS #:	7440-38-2
Pathway:	NO PATHWAY INDICATED
Scoring:	1
NPL Status:	Currently on the Final NPL
Substance ID:	D006
Substance:	CADMIUM (CD)
CAS #:	7440-43-9
Pathway:	NO PATHWAY INDICATED
Scoring:	1
NPL Status:	Currently on the Final NPL
Substance ID:	D007
Substance:	CHROMIUM
CAS #:	7440-47-3
Pathway:	NO PATHWAY INDICATED
Scoring:	1
NPL Status:	Currently on the Final NPL
Substance ID:	D008
Substance:	LEAD (PB)
CAS #:	7439-92-1
Pathway:	NO PATHWAY INDICATED

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ONONDAGA LAKE SEDIMENTS (Continued)

1000481580

Scoring: 1

NPL Status: Currently on the Final NPL
Substance ID: U013
Substance: ASBESTOS
CAS #: 1332-21-4
Pathway: NO PATHWAY INDICATED
Scoring: 1

NPL Status: Currently on the Final NPL
Substance ID: U019
Substance: BENZENE
CAS #: 71-43-2
Pathway: NO PATHWAY INDICATED
Scoring: 1

NPL Status: Currently on the Final NPL
Substance ID: U052
Substance: CRESOLS
CAS #: 1319-77-3
Pathway: NO PATHWAY INDICATED
Scoring: 1

NPL Status: Currently on the Final NPL
Substance ID: U165
Substance: NAPHTHALENE
CAS #: 91-20-3
Pathway: NO PATHWAY INDICATED
Scoring: 1

NPL Status: Currently on the Final NPL
Substance ID: U196
Substance: PYRIDINE
CAS #: 110-86-1
Pathway: NO PATHWAY INDICATED
Scoring: 1

NPL Status: Currently on the Final NPL
Substance ID: U220
Substance: TOLUENE
CAS #: 108-88-3
Pathway: NO PATHWAY INDICATED
Scoring: 1

NPL Status: Currently on the Final NPL
Substance ID: U239
Substance: XYLENE
CAS #: 1330-20-7
Pathway: NO PATHWAY INDICATED
Scoring: 1

NPL Status: Currently on the Final NPL
Substance ID: Z009
Substance: ISOPROPYLBENZENE
CAS #: 98-82-8
Pathway: NO PATHWAY INDICATED
Scoring: 1

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ONONDAGA LAKE SEDIMENTS (Continued)

1000481580

Summary Details:

Conditions at Proposal May 10, 1993): The Onondaga Lake site is located in the City of Syracuse and in the Towns of Salina, Geddes, and Camillus, Onondaga County, New York. Onondaga Lake is approximately 4.5 miles long and averages 1 mile in width. Seven major tributaries flow into the lake; water exits the lake via a barge canal at its northwest end and flows into the Seneca River. The land immediately adjacent to the lake consists primarily of industrial properties and county parks. The site is composed of the lake itself, its tributaries and the upland hazardous waste sites which have contributed or are contributing contamination to the lake sub-sites). A ban was placed on public fishing from the lake in 1970 due to high concentrations of mercury in several species of fish. The lake was re-opened to fishing in 1986 on a catch and release basis only. Population and industrial growth in the areas surrounding Onondaga Lake has resulted in extensive biological, chemical, and physical degradation of its waters. In addition to mercury contamination in the lake, analyses of sediment samples detected barium, cadmium, chromium, cobalt, lead, ben ene, chloroben ene, total xylenes, various polycyclic aromatic hydrocarbons, pesticides, and PCBs. Historical information indicates that the lake received surface water discharges from various industrial processes and municipal waste water treatment plants. Initially, the Environmental Protection Agency (EPA) has evaluated only operations of Allied Signal, Inc. (AS) and/or its predecessors, and Linden Chemicals and Plastics, Inc. (LCP), now owned by the Hanlin Group. EPA is attempting to identify additional potentially responsible parties. The AS facilities manufactured numerous organic and inorganic chemicals. AS's Willis Avenue plant and LCP's Bridge Street plant located west of the Main Plant complex), used a mercury cell process to produce chlorine, sodium hydroxide, and potassium hydroxide. Each plant discharged aqueous waste streams containing mercury as part of normal operations. Other waste sources include AS's Solvay Waste Beds containing by-products generated from soda ash production and Semet Residue Ponds containing wastes generated from acid washing of light oil. Several consent orders have been signed in recent years between AS and the New York State Department of Environmental Conservation (NYSDEC) related to the Solvay Waste Beds, the Semet Residue Ponds and ground-water contamination at the location of the Willis Avenue Plant. In early 1992, AS and the NYSDEC signed a consent decree to perform a Remedial Investigation/Feasibility Study (RI/FS) to determine the type and extent of contamination at Onondaga Lake and to identify alternatives for remedial action. NYSDEC has also filed an action against the Hanlin Group under Subtitle C of the Resource Conservation and Recovery Act (RCRA). The Hanlin Group commenced bankruptcy proceedings on July 10, 1991. Status December 1994): Presently, AS is performing the Onondaga Lake RI/FS and RI/FSs for the Solvay Waste Beds, Semet Residue Ponds, and Willis Avenue Plant. EPA has entered into a cooperative agreement with NYSDEC to provide funds so that NYSDEC can coordinate, manage, and oversee the ongoing work at the subsites and prepare a comprehensive RI/FS for the Onondaga Lake NPL site. NYSDEC, together with EPA, has started mailing information request letters to companies located in the Onondaga Lake watershed in an attempt to identify other potentially responsible parties. The description of the site (release) is based on information available at the time the site was scored. The description may change as additional information is gathered on the sources and extent of contamination. See 56 FR 5600, February 11, 1991, or subsequent FR notices.)

Site Status Details:

NPL Status: Final
Proposed Date: 05/10/1993
Final Date: 12/16/1994

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ONONDAGA LAKE SEDIMENTS (Continued)

1000481580

Deleted Date: Not reported

Narratives Details:

NPL Name: ONONDAGA LAKE
City: SYRACUSE
State: NY

CERCLIS:

Site ID: 0203382
Federal Facility: Not a Federal Facility
NPL Status: Currently on the Final NPL
Non NPL Status: Not reported

CERCLIS Site Contact Name(s):

Contact Name: PATRICIA PIERRE
Contact Tel: (212) 637-3865
Contact Title: Remedial Project Manager (RPM)

Contact Name: MARK GRANGER
Contact Tel: (212) 637-3351
Contact Title: Remedial Project Manager (RPM)

Contact Name: ROBERT NUNES
Contact Tel: (212) 637-4254
Contact Title: Remedial Project Manager (RPM)

CERCLIS Site Alias Name(s):

Alias Name: CRUCIBLE INC/BEHIND VAL'S DODGE (NYD980530075)
Alias Address: Not reported
NY

Alias Name: CRUCIBLE INC/DORING PROPERTY (NYD980530067)
Alias Address: Not reported
NY

Alias Name: ONONDAGA LAKE
Alias Address: ONONDAGA LAKE
SYRACUSE, NY 13209

Alias Name: ONONDAGA LAKE
Alias Address: Not reported
SYRACUSE, NY 13209

Site Description: In 1994, Onondaga Lake, its tributaries and the upland hazardous substance sites which were found to be releasing or threatening to release contamination to the Lake was added to the EPA's Superfund National Priorities List (NPL). The Semet Residue Ponds Site1 is contributing such contamination and, therefore, is considered a "Sub-Site" of the Onondaga Lake NPL site. The Semet Residue Ponds/Onondaga Lake (the Site) is approximately 40 acres, located in the Village of Solvay Onondaga County, New York, and is situated in an industrial area approximately 400 feet from the southern shore of Onondaga Lake. The Site is bordered on the west and south by materials manufacturing company, on the south by railroad tracks and an industrial complex, on the north by Interstate Route 690, and on the east by the former Willis Avenue Facility. The Site also includes a 12-acre brushy cleared area also known as the "Brushy Cleared Area". The property is presently zoned industrial. The current land use in the immediate vicinity of the Site is industrial. Based on a number of factors, including the reported history of land use in the area of

ONONDAGA LAKE SEDIMENTS (Continued)

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the Site since the early 1900's, the existing zoning for the Site property, and subsequent communications between the New York State Department of Environmental Conservation (NYSDEC) and the Zoning Board Chairman for the Village of Solvay, NYSDEC determined that the reasonably-anticipated future use for the Site is industrial. Currently, the on-Site aquifers are not used for drinking water. Residents located in the vicinity of the Site use the public water supply provided by Onondaga County. Groundwater near the Site will not be used as a source of potable water under future-use scenarios. The Site, which is enclosed by a 6-foot high fence that was installed in 1979 to limit access, includes a triangular-shaped area that has five irregularly-shaped ponds used from 1917 to 1970 as depositories for waste material and two small areas bordering the southern and western portions of the Site that were built to contain leakage from the ponds. The Ponds cover approximately 11 acres, have an estimated average depth of 20 feet estimated to range from 10 to 40 feet, and are estimated to contain approximately 80 million gallons of waste material, including a separate aqueous phase. Based on monitoring well data there is a plume of contaminated groundwater that originates at the Site and migrates toward Onondaga Lake and Tributary 5A. Tributary 5A is a small drainage way which flows south of the Site near the railroad tracks, then flows north to Onondaga Lake on the western side of the Site. Tributary 5A is being evaluated as part of the Remedial Investigation/Feasibility Study (RI/FS) for the former Willis Avenue Facility, which is also a Sub-Site of the Onondaga Lake NPL site. Impacts within Onondaga Lake from the Semet Residue Ponds will be addressed in the ongoing Onondaga Lake Bottom RI/FS. From 1917 to 1970 Semet Residue Ponds were used as depositories for a tarry organic-based residue generated by the acid washing of coke light oil during the production of benzene, toluene, naphthalene, xylene, and "motor benzol" at its BTX (Benzol) Plant located immediately south of the above-noted railroad tracks. Prior to that time, the area was used as a settling basin for disposal of Solvay Waste, a grayish-white colored material consisting largely of calcium carbonate that was a waste by-product from the production of soda ash. This settling basin is known as Solvay Waste Bed A. The ponds were constructed via drag line and bulldozer excavation into Waste Bed A. The dikes bordering the ponds were reportedly built from fill materials including concrete rubble, old electrolytic cell parts, ashes, cinders, soil, Solvay Waste, bricks, stone, etc. Two small containment areas to the south and west of the Site were built to contain leakage from the ponds. In addition to the Solvay Waste material, the area received coarse ash and cinders via conveyer buckets from near by stoker-fired boilers. A calcium carbonate-rich waste material, which originated from a former ammonium chloride operation, was also disposed of adjacent to Pond 2 prior to 1951. The surfaces of the ponds are approximately four inches thick and appear as a weathered black to brown granular material. Below the granular material is a highly viscous, black material which resembles tar. A Consent Order for an RI/FS for the Site was signed by Potentially Responsible Party (PRP) and the NYSDEC in 1989. Field work for the RI has been completed. Draft RI Reports were submitted in 1991 and 1992 and were reviewed by NYSDEC. The RI was approved by NYSDEC in August 1995. In June 1999, NYSDEC received the draft FS Report from the PRP. Addendums to the FS report and additional Site-related submittals that are included in the Administrative Record were received on January 3, 2000; July 26, 2000; August 1, 2000; and August 17, 2001. As an Interim Remedial Measure (IRM), a fly-ash/cement cover of a few inches thick was applied to the pond residues to control odors and reduce air emissions. This cover was applied over Ponds 3 and 4 in 1995 and over the remaining ponds in mid-1997, with the exception of one of the "containment" ponds in the southern portion of the Site that was inaccessible to the equipment used to apply the covers. Since that time, this cover material has been applied annually. While this cover has no significant strength or

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ONONDAGA LAKE SEDIMENTS (Continued)

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weight-bearing capacity, it has been effective in reducing odors. A Record of Decision (ROD) was completed for operable unit 6 of the Onondaga Lake site March 28, 2002. On June 23, 1989, Onondaga Lake was added to the New York State Registry of Inactive Hazardous Waste disposal sites. On December 16, 1994, Onondaga Lake and areas upland that contribute or have contributed contamination to the lake system were added to the U.S. Environmental Protection Agency's (EPA's) National Priorities List (NPL). This NPL listing means that the lake system is among the nation's highest priorities for remedial evaluation and response under the federal Superfund law for sites where there has been a release of hazardous substances, pollutants, or contaminants. Onondaga Lake itself is a 4.6-square-mile (sq. mi) (12-square-kilometer [sq. km]), 3,000-acre lake, approximately 4.5 mi (7.2 km) long and 1 mi (1.6 km) wide, with an average water depth of 36 ft (11 m). The lake has two deep basins, a northern basin and a southern basin, that have maximum water depths of approximately 62 and 65 ft (19 and 20 m), respectively. The basins are separated by a saddle region at a water depth of approximately 56 ft (17 m). Most of the lake has a broad nearshore shelf in water depths of less than 12 ft (3.7 m). This nearshore shelf is bordered by a steep offshore slope in water depths of 12 to 24 ft (3.7 to 7.3 m). During the summer months, the upper water of Onondaga Lake warms to a greater degree than the deeper water. This causes the water in the lake to stratify (separate) into two layers of water: the epilimnion, which is the warmer, less dense upper layer and is about 30 ft (9 m) thick, and the hypolimnion, which is the colder, denser, bottom layer. During the summer, the hypolimnion becomes anoxic (runs out of oxygen), which has numerous implications for the lake's chemistry and biota (e.g., fish and insect life). The two largest tributaries to Onondaga Lake, namely Ninemile Creek and Onondaga Creek, contribute 30.4 and 31.4 percent, respectively, of the total water flow to the lake. Other tributaries, in a clockwise direction from the southeast section of the lake, include Ley Creek, Harbor Brook, the East Flume, Tributary 5A, Sawmill Creek, and Bloody Brook. In addition to the tributary streams, the treated effluent from the Onondaga County Metropolitan Wastewater Treatment Plant (Metro), located between Onondaga Creek and Harbor Brook, provides a significant portion (approximately 19 percent) of the water entering the lake. Various local entities have discharged wastewater directly to these tributary streams and/or have waste sites that have, or potentially have, impacted these tributaries and the lake itself. In general, the eastern shore of Onondaga Lake is urban and residential, and the northern shore is dominated by parkland, wooded areas, and wetlands. There are approximately 320 acres of state-regulated wetlands and numerous smaller wetlands directly connected to Onondaga Lake or within its floodplains. The northwest upland areas in Liverpool and Lakeland are mainly residential, with interspersed urban structures and several undeveloped areas. Much of the western and southern lakeshore is covered by wastebeds that received wastes generated from Honeywell's former Solvay operations and, to a lesser extent, dredge spoils from the lake. Many of these wastebeds have been abandoned and recolonized by vegetation. Urban centers and industrial zones in Syracuse and Solvay dominate the landscape surrounding the southern and eastern shores of Onondaga Lake from approximately the New York State Fairgrounds to Ley Creek. The area around Onondaga Lake is the most urban in central New York State. The region experienced significant growth in the twentieth century, and in 2000, Onondaga County was the tenth most populous county in the state. The city of Syracuse is located at the southern end of Onondaga Lake, and numerous towns, villages, and major roadways surround the lake. Onondaga Lake has been the recipient of industrial and municipal sewage discharges for over 100 years. Honeywell has been a major contributor; however, other industries in the area have contributed contamination as well. Other contaminant sources to the lake include the Metro facility, industrial

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ONONDAGA LAKE SEDIMENTS (Continued)

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facilities and landfills along Ley Creek, the Crucible Materials Corporation (via Tributary 5A), and the former Oil City. Honeywell International, Inc., and its predecessor companies operated manufacturing facilities in Solvay, New York, from 1881 until 1986. When Honeywell merged with its predecessor companies on December 1, 1999, it became liable for the contamination those companies introduced into the environment. Honeywell, as a major contributor of contamination to the lake, has been named a potentially responsible party (PRP). In the late 1800s and early 1900s, Onondaga Lake supported a thriving resort industry based upon the recreational utilization of the lake, including swimming and recreational fishing. The lake also had a plentiful cold-water fishery, which supported a commercial fishing industry until the late 1800s. However, from the late 1800s to the present, Onondaga Lake has been a receptacle for both industrial and municipal wastes. Salt springs in the vicinity of Onondaga Lake supported a major salt recovery industry throughout the 1800s and were associated with the development of railroads and the Erie Canal in the region. This infrastructure supported the growth of additional industries, including former Honeywell operations, petroleum product storage (once known as "Oil City") adjacent to the southeastern shore of Onondaga Lake, fertilizer production, a steel foundry, a vehicle accessory manufacturing facility, pottery and china manufacturing, manufactured gas plants, and many other industries in the Syracuse area. An evolving municipal wastewater management system (initially with the development of a sewer system and later wastewater treatment facilities), now known as Metro, has been in existence since around 1896. Honeywell's manufacturing processes were based on four major product lines collectively known as the Syracuse Works. These processes resulted in releases of primarily mercury, organic contaminants, and calciterelated compounds, as described below: - Soda ash (sodium carbonate) and related products such as baking soda (sodium bicarbonate), sodium nitrite, sodium sesquicarbonate, ammonium bicarbonate, ammonium chloride, calcium chloride, and caustic soda (sodium hydroxide) were produced by a non-electrolytic cell process. The primary dissolved waste/contaminant associated with this process was ionic constituents (calcium, sodium, and chloride ions [Ca²⁺, Na⁺, and Cl⁻, respectively]), and the primary solid component was Solvay waste, which is a white, chalky, calcite-related material. - Benzene, toluene, xylene, naphthalene, and tar products from the recovery of coal distillation (coking) byproducts. The primary wastes/contaminants associated with this product line were benzene, toluene, ethylbenzene, and xylenes (BTEX), chlorinated benzenes, and polycyclic aromatic hydrocarbons (PAHs), especially naphthalene. - Chlorinated benzenes and byproduct hydrochloric acid from the chlorination of benzene. The primary wastes/contaminants associated with this product line were BTEX, chlorinated benzenes, and PAHs, especially naphthalene. - Chlor-alkali products, including chlorine, caustic potash (potassium hydroxide), caustic soda (sodium hydroxide) produced by an electrolytic cell process, and related products such as potassium carbonate, hydrogen gas, and hydrogen peroxide produced by further reacting chlor-alkali byproducts with other chemicals. The primary wastes/contaminants associated with this product line were mercury, polychlorinated biphenyls (PCBs), and polychlorinated dibenzo-pdioxin/polychlorinated dibenzofurans (PCDD/PCDFs). Soda ash production at the Main Plant relied on local supplies of sodium chloride brine and limestone. Benzene, toluene, xylene, and naphthalene production at the Main Plant were based on fractional distillation of light oil, a byproduct that was produced by the coke ovens at the Syracuse Works until 1924, after which it was shipped to Syracuse from other locations. Benzene produced at the Main Plant served as the raw material for production of chlorinated benzenes at the Willis Avenue Plant, while xylene and other imported chemicals were used to produce hydrogen peroxide at the Bridge Street Plant. Chlor-alkali production at

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ONONDAGA LAKE SEDIMENTS (Continued)

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both the Willis Avenue Plant and the Bridge Street Plant used mercury cells and diaphragm cells. Both types of cells are used in electrolytic processes for the production of chlorine, sodium hydroxide, and potassium hydroxide from purified sodium chloride and potassium chloride brine. In addition to the four major product lines, Honeywell facilities produced coke and producer gas (i.e., a mixture of carbon monoxide, nitrogen, hydrogen, methane, carbon dioxide, and oxygen). Other products were produced for short periods of time as pilot plant or developmental laboratory activity or as start-up operations that were later relocated. These products included: - Nitric and picric acids. - Salicylic acid and methylsalicylate. - Benzyl chloride, benzoic acid, benzaldehyde, and phthalic anhydride. - Phenol. - Ammonia (via nitrogen fixation at the Bridge Street Plant). Although not generally considered part of the Syracuse Works, the Barrett Division of the Semet-Solvay Chemical Company (one of Honeywell's predecessor companies) operated a paving material production facility from 1919 to 1983 at a location that is now part of the Wastebed B/Harbor Brook subsite. This part of the Wastebed B/Harbor Brook subsite consists of several buildings, aboveground storage tanks, and a gravel parking lot. Waste was generated by most manufacturing processes at the Syracuse Works. Waste streams for disposal were discharged from the three plants to at least four different destinations: the Semet Residue Ponds (coke byproduct recovery only), Geddes Brook and Ninemile Creek (via the West Flume), the Solvay wastebeds, and directly to the lake (via the East Flume). The Solvay wastebeds are located in the towns of Camillus and Geddes, and in the city of Syracuse. From approximately 1881 to 1986, these wastebeds were the primary means of disposal for the wastes produced by the Solvay operations. Initial Solvay waste disposal practices consisted of filling lowlying land adjacent to Onondaga Lake. Later, unlined wastebeds designed specifically for Solvay waste disposal were built using containment dikes constructed of native soils, Solvay waste, and cinders, or by using bulkheads made with timber along the lakeshore. The Syracuse Works also had a landfill in the center of Solvay Wastebed 15. The discharge of Honeywell waste through the East Flume caused the formation of a large in-lake waste disposal (ILWD). The ILWD extends approximately 2,000 ft (610 m) into the lake, approximately 4,000 ft (1,219 m) along the lakeshore, and contains waste up to 45 ft (13.7 m) thick. The majority of the ILWD is within the boundaries of Sediment Management Unit (SMU) 1, although some of the ILWD extends into the adjoining SMUs 2 and 7. The ILWD contains waste from all of Honeywell's product lines. The discharges of waste to Geddes Brook and Ninemile Creek through the West Flume, as well as the overflow from Solvay Wastebeds 9 to 15, also caused the formation of deposits of Honeywell wastes and resulted in the development of the deposits in the Ninemile Creek delta in the lake in SMU 4. The seeps overflow from Solvay Wastebeds 1 to 8 contributed to the formation of Honeywell wastes in the lake itself. Two additional sites (the Mathews Avenue Landfill and the Willis Avenue Ballfield site) were used for disposal of industrial wastes and construction and demolition (C&D) debris from the Syracuse Works. A site known as the dredge spoils area located on the lakeshore northwest of the mouth of Ninemile Creek was used for disposal of dredged material from the Ninemile Creek delta and nearshore areas north of Ninemile Creek. In 1970, the Syracuse Works' Main Plant ceased production of benzene, toluene, xylenes, and naphthalene. In addition, releases of mercury from the Willis Avenue Plant and the Bridge Street Plant were reduced. In 1977, when the Willis Avenue Plant closed, the production of chlorinated benzenes and chlor-alkali products at the plant ceased. In 1979, the Bridge Street Plant was sold to Linden Chemicals and Plastics (LCP), which operated the plant until it closed in 1988. In 1986, the Main Plant ceased production of soda ash and related products, marking the end of manufacturing by Honeywell at the Syracuse Works. The State of New York, Onondaga County, and the City of Syracuse have jointly sponsored the preparation of a land-use master plan to guide future development of the

ONONDAGA LAKE SEDIMENTS (Continued)

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Onondaga Lake area. The primary objective of land-use planning efforts is to enhance the quality of the lake and lakeshore for recreational and commercial uses. Anticipated recreational uses of the lake include fishing without consumption restrictions and swimming. The Onondaga Nation similarly asserts it seeks to safely make greater use of lake. In general, the eastern shore of Onondaga Lake is mainly urban and residential, and the northern shore is dominated by parkland, wooded areas, and wetlands. The northwest upland is primarily residential, with interspersed urban structures and several undeveloped areas. Solvay wastebeds cover much of the western lakeshore. Urban centers and industrial zones dominate the landscape surrounding the south end of Onondaga Lake from approximately the New York State Fairgrounds to Ley Creek. Land around the southwest corner and southern portion of the lake is generally industrial and has been significantly modified as part of long-term development of the Syracuse area. Land around much of the lake is recreational, providing hiking and biking trails, picnicking, sports, and other recreational activities. Approximately the northern two-thirds of Onondaga Lake is classified by the State of New York as Class B water (best usages defined as "primary and secondary contact recreation and fishing. These waters shall be suitable for fish propagation and survival" [6 NYCRR Part 701.7]). The southern third of Onondaga Lake and the area at the mouth of Ninemile Creek are classified as Class C water (best usage defined as "fishing. These waters shall be suitable for fish propagation and survival. The water quality shall be suitable for primary and secondary contact recreation, although other factors may limit the use for these purposes" [6 NYCRR Part 701. 8]). No permitted swimming beaches or sanctioned swimming areas exist at Onondaga Lake. Fishing occurs, but the New York State Department of Health (NYSDOH) has a specific, restrictive advisory for Onondaga Lake which warns against eating walleye (*Stizostedion vitreum*), with consumption of all other species limited to no more than once per month. The specific advisory also stipulates that infants, children under 15, and women of childbearing age should eat no fish from the lake. The more general, statewide advisory for the state's fresh waters advises that consumption be limited to no more than one meal per week. Onondaga Lake and the associated tributaries do not serve as potable-water sources. The shoreline of the lake (especially in the park) is used for water-related recreation such as fishing and boating. In 1990, more than one million people used Onondaga Lake County Park, located along the northern half of the lake. Operable Unit 2: For investigation and remediation purposes, the site has been divided into eight SMUs based on water depth, sources of water entering the lake, and physical, ecological, and chemical characteristics. The division of the site into SMUs allowed the development and evaluation of remedial alternatives appropriate to each area. The remedial alternatives evaluated for each SMU were then used in combination to develop comprehensive, lakewide remedial alternatives which would reduce site risks to humans and the environment. SMUs 1 through 7 are located in the littoral zone of the lake (i.e., water depths of 0 to 30 ft [0 to 9 m]), and SMU 8 covers the profundal zone (i.e., water depths of greater than 30 ft [9 m]). SMU 1 is located at the southern end of Onondaga Lake and encompasses the majority of the ILWD. The ILWD was formed primarily through the deposition of calcium carbonate and other wastes from the overflow of dikes around Wastebed B and through discharges via the East Flume. These discharges into the lake are believed to have included a combination of cooling water, sanitary waste, Solvay waste, mercury wastes, and organic chemical wastes, which settled out and formed a large delta that is at a higher elevation than surrounding areas of the lake bottom. This waste material is typically described as very soft to soft, although there are some harder crusts. This softness, along with geophysical evidence of historical failures (i.e., underwater slumping or "landslides" associated with the ILWD), causes concern as to whether the wastes

ONONDAGA LAKE SEDIMENTS (Continued)**1000481580**

in their current configuration are sufficiently stable to prevent a portion of the ILWD from slumping in the future. SMU 1 is located directly offshore of Wastebed B, and the East Flume and Harbor Brook enter Onondaga Lake here. SMU 1 extends approximately 3,850 ft (1,170 m) west from the mouth of Harbor Brook, encompassing a surface area of approximately 84 acres. At its widest point, SMU 1 extends approximately 2,200 ft (671 m) into the lake. Lake bathymetry indicates that the nearshore shelf (at water depths less than 13 ft [4 m]) is relatively broad and is bordered by a steeper offshore slope at water depths from 13 to 30 ft (4 to 9 m). SMU 2 is located in the southern portion of the lake offshore from the causeway formerly used by Honeywell for loading and unloading materials. The SMU extends approximately 3,000 ft (914 m) along the southern shore of the lake, from the border with SMU 1 toward Tributary 5A. At its widest point, SMU 2 extends approximately 550 ft (170 m) into the lake. Lake bathymetry indicates that the nearshore shelf is relatively broad, except near the mouth of Tributary 5A, where it becomes steeper (i.e., greater than 15 percent slope). Storm drains associated with I-690 discharge into this SMU. SMU 3 is located offshore of Honeywell's inactive Solvay Wastebeds 1 through 8, which were used to dispose of wastes from the manufacturing of soda ash via the Solvay process. SMU 3 extends approximately 8,000 ft (2,440 m) west from SMU 2. At its widest point, it extends approximately 825 ft (250 m) into the lake. Lake bathymetry indicates that the shelf is relatively steep in the southern part of SMU 3, becoming broader to the north. SMU 4 is located along the shore of Onondaga Lake west of SMU 3 and includes the delta where Ninemile Creek discharges into the lake. SMU 4 extends approximately 3,300 ft (1,006 m) along the shore of the lake. At its widest point, it extends approximately 1,375 ft (420 m) into the lake. Lake bathymetry indicates that the shelf is relatively steep in the northern part of SMU 4, becoming broader to the south. The sediment load at the mouth of Ninemile Creek drives the depositional processes along the central portion of this SMU by discharging fine- and coarse-grained material to the lake. The sediment load from the creek influences the bathymetry and water depth in the central portion of this SMU. SMU 5 includes the littoral zone along the northern and western shores of the lake. Sawmill Creek and Bloody Brook discharge into SMU 5. The Seneca River, the main discharge point for Onondaga Lake, is also located within SMU 5 at the northwestern end of the lake. SMU 5 extends approximately 30,000 ft (9,144 m) from the Ninemile Creek delta to the Ley Creek delta. At its widest point, it extends approximately 1,375 ft (420 m) into the lake. Lake bathymetry indicates that the nearshore shelf (at water depths less than 13 ft [4 m]) is relatively broad and is bordered by a steep offshore slope at water depths from 13 to 30 ft (4 to 9 m). SMU 6 extends approximately 5,000 ft (1,500 m) along the eastern end of Onondaga Lake from the mouth of Ley Creek to 700 ft (213 m) south of the mouth of Onondaga Creek, and includes where Ley Creek, Onondaga Creek, and Metro discharge into Onondaga Lake. At its widest point, it extends approximately 1,925 ft (590 m) north into the lake. Lake bathymetry indicates that the nearshore shelf is relatively broad. SMU 7 is located at the southern corner of Onondaga Lake and includes the littoral zone located between SMU 1 and SMU 6. SMU 7 is located between Harbor Brook to the west and the Onondaga Creek delta to the east and extends approximately 1,375 ft (420 m) along the shore of the lake. At its widest point, it extends approximately 2,200 ft (670 m) into the lake. Lake bathymetry indicates that the shelf is relatively broad near the shore, becoming slightly steeper at a water depth greater than 13 ft (4 m). SMU 8 includes the entire profundal zone of Onondaga Lake, where the water depth is greater than 30 ft (9 m). It is approximately 22,000 ft (6,710 m) long and approximately 5,225 ft (1,590 m) wide at its widest part. SMU 8 has two basins, northern and southern, which are separated by a slight ridge, or saddle, that is approximately 56 ft (17 m) deep. The maximum depths of the northern and southern basins are 62 ft (19 m)

MAP FINDINGS

ONONDAGA LAKE SEDIMENTS (Continued)

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and 65 ft (20 m), respectively. Lake bathymetry indicates that the profundal nearshore shelf is relatively steep, becoming broader towards the center of the lake. A Record of Decision addressing Operable Unit 2 was completed in July 2005. Subsequent to the issuance of the Record of Decision (ROD), an extensive pre-design investigation was conducted in Sediment Management Unit (SMU) 2 in the Fall of 2005 and the Spring of 2006 to identify the extent of pooled non-aqueous-phase liquids (NAPLs) and to characterize the subsurface conditions. Based on these investigations, it was determined that NAPLs in the causeway area extend a short distance into the adjacent SMU 1, but the overall extent of pooled NAPLs beneath the lake bottom in SMU 2 is significantly smaller than was anticipated. The ROD assumed that the NAPLs were present beneath the lake bottom over an area of approximately 4.8 acres. The pre-design investigation results indicate, however, that the NAPLs extend over an area of approximately 2 acres which includes the causeway area in SMU 2, and an adjacent portion of SMU 1. An Explanation of Significant Differences addressing Operable Unit 2 was completed in December 2006. Operable Unit (OU) 8: The Town of Salina Landfill site, approximately 55 acres in size, is located in the Town of Salina, Onondaga County, New York. It is designated a Class 2 Inactive Hazardous Disposal Waste Site by the New York State Department of Environmental Conservation (NYSDEC) (New York Registry No. 7-34-036). The Site is bounded by the New York State Thruway to the north and by Route 11 (Wolf Street) to the east. An Onondaga County Resource Recovery Agency Transfer Station is located immediately to the west of the landfill. Ley Creek, a Class B stream, runs through the approximate eastern half of the Site and along the southern border of the approximate western half of the Site. The eastern half of the Site is bounded to the south by the banks of a separate tributary, known as the Old Ley Creek Channel (OLCC). A portion of Ley Creek was moved in the early 1970s to its current location. Landfilled materials have been identified both north of Ley Creek and south of Ley Creek in the land area located between the current Ley Creek and the OLCC, (i.e., north and south of Ley Creek). The sediments, surface waters and banks of Ley Creek under and downstream of the Route 11 bridge, as well as the sediments, surface waters, and banks of the OLCC are collectively a separate Class 2 New York State inactive hazardous waste disposal site known as the "Old Ley Creek Channel Site" (Site Number 734074). Further investigation of the Old Ley Creek Channel site is necessary. Access to the Site has historically been gained from Route 11. Until March 2000, trespassers could enter the Site on foot or by vehicle. Although one entrance to the Site has a locked gate, it was possible to walk or drive around the gate on another dirt road. Once on the Site, several well-worn paths provide vehicle access to most of the Site. Recently, the Town has attempted to limit access to the Site by placing barriers across the dirt access road. It has also placed signs indicating that no dumping is allowed on-Site. A 48-inch abandoned sewer line runs across the Site. A 48-inch corrugated metal pipe (CMP) culvert is located in the eastern part of the Site, and drainage ditches are located along the western, northern, and eastern borders of the Site. Storm water from the Site drains to Ley Creek via the drainage ditches and the culvert. The land containing the Site is currently owned by five parties. The Town of Salina owns 29 acres of the Site, comprising approximately the western half of the Site. The eastern part of the Site (from the Town's property line to west of Route 11) is privately owned. East Plaza, Inc. owns the portion of the Site located between the current Ley Creek and old Ley Creek. Onondaga County owns a strip of land trending east-west across the Site. Niagara Mohawk owns a strip of land trending east-west across the Site. The Onondaga County Resource Recovery Agency owns the property immediately west of the Site. The Salina Landfill is located within an area zoned as an Industrial District. Land located immediately to the south and to the west of the Site is also zoned as an Industrial District. The land directly east of the

MAP FINDINGS

ONONDAGA LAKE SEDIMENTS (Continued)

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Site, on the opposite side of Wolf Street, is zoned both as a Highway Commercial District and a One-Family Residential District. The land located to the north of the Site, on the opposite side of the New York State Thruway, is zoned as Open-land District, Planned Commercial District, and One-Family Residential District. Based on the Code of the Town of Salina, land within each zoning district has specific intended uses. The Town is considering other options to the current industrial zoning of the landfill property. These may include use of the property for passive recreational purposes (park, walking trails, etc.). There is also the potential for commercial development at and around the vicinity of the landfill. Any written proposals submitted to NYSDEC for the future use of the Site will be considered for incorporation into the remedial plans, as appropriate. Currently, the on-Site aquifers are not used for drinking water. Residents located in the vicinity of the Site use the public water supply provided by Onondaga County. Groundwater near the Site will not be used as a source of potable water under future-use scenarios. The Town of Salina could not produce records indicating the actual date the Salina Landfill opened. However, in 1962, the Town Board closed the dump known as the "Mattydale Dump" pursuant to a court action. The Mattydale Dump was located in the vicinity of the current town garage off of Factory Avenue, approximately 1/2-mile to the east of the Site. With the closure of the Mattydale Dump, it is believed that the Town proceeded to work with a Site property owner (East Plaza, Inc.) to start landfill operations at the current location of the Town of Salina Landfill. In the same year, the Town adopted a garbage collection ordinance to regulate the collection of solid waste within the boundaries of the Town and to promote the public health, safety and welfare of the residents. The Town of Salina established residential refuse districts as early as 1941. As such, the Town Board would solicit bids from independent haulers and enter into a contract each year. Licensing procedures were adopted to monitor the disposal of waste and permits were issued to haulers doing business in the Town. In 1970, periodic checks on the landfill indicated that in addition to waste generated within the Town, additional tonnage was coming from outside areas. The Highway Superintendent reported that the Landfill was reaching capacity and suggested that the boundaries be expanded up to Route 81 or additional property be purchased. During the period the landfill was open, in addition to accepting municipal solid waste, the landfill also accepted hazardous wastes including paint sludge, paint thinner, polychlorinated biphenyl (PCB)-contaminated wastes, and contaminated sediment dredged from Ley Creek. In 1971, several complaints were made by the New York State Thruway Authority because refuse was being left uncovered and debris was blowing onto the Thruway. The Thruway Authority requested that the Town cover the landfill. Due to the capacity problems, the Town Board started looking into other solid waste disposal options, such as purchasing additional property to start another landfill/building an incinerator, or using a shredding plant which was being constructed by the City of Syracuse. Between 1971 and 1974, landfill operations continued with little or no control over the refuse haulers that were dumping in the landfill. Town records indicate that the trucks with permit stickers were on the "honor system" and were not checked for source or quantity of refuse and that only those town residents that brought their own refuse to the landfill were checked. Reaching its capacity, the landfill was officially closed sometime in late 1974 or early 1975, pursuant to an order by NYSDEC. In 1976, landfill cover specifications were issued by NYSDEC for dirt fill and grading of the Site. However, litigation proceedings commenced between the Town of Salina and the property owner East Plaza, Inc. In 1981, the Town purchased the western portion of the Site (approximately 29 acres) from East Plaza, Inc. Once again, landfill cover specifications were issued for the Site by the NYSDEC in July 1981. In September 1981, the Town awarded a contract to cover the landfill with a two-foot clay-type soil. Once the soil was placed, the area

ONONDAGA LAKE SEDIMENTS (Continued)

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was hydroseeded to establish a vegetative cover. This project was completed in November 1982. There were no further remedial activities undertaken at the Site thereafter to the present time. Since that time, a number of investigations have been performed at the Town of Salina Landfill. The investigations have largely been focused on gathering only enough data to determine whether the landfill was a threat to human health and to the environment. In 1986, NYSDEC and the Onondaga County Department of Health collected three soil samples adjacent to the north bank of Ley Creek along the landfill and four surface water samples from the same stretch of Ley Creek and drainage ditches north and east of the landfill. PCBs were not detected in the water samples, but were detected in the soil samples collected adjacent to Ley Creek. In 1987, EPA's contractor collected five soil samples from the main fill area north of Ley Creek and three surface water and sediment samples were collected from Ley Creek as follows - one surface water and one sediment sample were collected from an upstream location in Ley Creek (west of Route 11), one surface water and one sediment sample were collected alongside the landfill (in the drainage swale in the northeast section of the landfill), and one surface water and one sediment sample were collected from just downstream of the landfill in Ley Creek. The soil samples contained polyaromatic hydrocarbon compounds (PAHs), metals, volatile organic compounds (VOCs) and pesticides in low levels, but no PCBs. The surface water and sediment samples collected downstream from the landfill did not contain higher concentrations of contaminants than the samples collected upstream from the landfill. In 1987, NYSDEC's contractor attempted to install three groundwater monitoring wells on-Site. Only one well was completed, as drilling for the other two wells encountered wastes in the form of black oil and petroleum-saturated soil in two boreholes. The soils in these borings contained PCBs, low levels of semi-volatile organic compounds (SVOCs) and dibenzofuran and elevated levels of cadmium, chromium, nickel and zinc. One upgradient monitoring well was installed. The groundwater from this well contained low levels of VOCs and SVOCs, high iron and manganese, but no PCBs. In 1989, a bioaccumulation study conducted by General Motors Corporation's contractor on fish caught in Ley Creek showed that the fish contained up to 6.8 milligrams per kilogram (mg/kg) PCBs. In 1991, during an inspection of the landfill by NYSDEC's contractor, a leachate outbreak was observed along the northern bank of Ley Creek downgradient of an area within the southwestern corner of the landfill. In 1994, NYSDEC's contractor completed a Preliminary Site Assessment. This investigation included the collection of 10 surface water and sediment samples from locations in Ley Creek alongside the landfill, (including one upstream of the landfill), and in the adjacent drainage ditches situated to the north and west of the landfill within the Site. Additionally, five surface soil samples were collected on or around the landfilled area, and three leachate samples were collected from the north bank of Ley Creek (two along the southwestern corner of the landfill, and one near the power lines that pass over Ley Creek). The results indicated low levels of VOCs and SVOCs in the surface water (but no PCBs were detected). PCBs, pesticides, VOCs, and SVOCs were detected in the sediment samples, soil samples, and leachate samples. In 1994, EPA designated Onondaga Lake, its tributaries, and the upland areas which have contributed or are contributing hazardous substance to the lake (subsites) as a Superfund National Priorities List (NPL) site. In 1997, NYSDEC and EPA jointly notified the Town that the Salina Landfill was a subsite of the Onondaga Lake NPL Site due to releases or the threat of releases of hazardous substances, pollutants or contaminants into the environment. In 1996, NYSDEC's contractor prepared a Preliminary Site Assessment Addendum. This supplemental investigation was conducted to provide further information on potential groundwater contamination at the landfill. Five new monitoring wells were installed, developed and sampled in the landfilled area north of Ley Creek. The groundwater from most wells contained

MAP FINDINGS

ONONDAGA LAKE SEDIMENTS (Continued)

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low levels of VOCs and SVOCs. A PCB compound was detected in one well at a low concentration. One of the downgradient wells (MW-4) contained almost no organic compounds, but did show elevated levels of a number of metals. Two surface water and sediment samples collected by NYSDEC from drainage ditches on-Site indicated PCBs were present in the sediment, but were absent from the surface water. In 1996, NYSDEC designated the Town of Salina Landfill as a Class 2 Inactive Hazardous Waste Site. This designation means that NYSDEC considers the Site a significant threat to human health and/or the environment, which requires remedial action. This Site was designated a subsite to the Onondaga Lake Superfund Site in June 1997 by NYSDEC and EPA, due to the fact that Site contaminants had migrated to Ley Creek, which flows into the lake. In 1997, representatives from NYSDEC collected three sediment samples from the OLCC. The results of that sampling show that detectable concentrations of VOCs, SVOCs, and PCBs are present in Old Ley Creek Channel. The portion of Ley Creek adjacent to the landfill is not part of the Site due to the presence of upstream sources of contamination that need to be addressed. Upstream contaminated surface water and sediments in Ley Creek are currently being investigated under an RI/FS for the General Motors Former Inland Fisher Guide Facility and Ley Creek Deferred Media subsite of the Onondaga Lake site. The sediments, surface waters and banks of Ley Creek under and downstream of the Route 11 Bridge as well as the sediments, surface waters and banks of the OLCC are collectively being addressed as the "Old Ley Creek Channel Site," which is a separate Class 2 New York State inactive hazardous waste disposal site (Site Number 734074) On October 29, 1997, the Town of Salina entered into an Order on Consent with the NYSDEC to perform the Remedial Investigation/Feasibility Study (RI/FS), remedial design, and remedial action for the Site. On November 17, 1997, the Town also entered into a State Assistance Contract under the 1986 Environmental Quality Bond Act of New York State. This contract stated that the Town would be reimbursed 75% of the eligible costs during the RI/FS. This contract may be amended for the remedial design and remedial action costs. The RI started on June 29, 1998. Two phases of sampling occurred over two summers. An RI report was submitted to NYSDEC by the Town, through its consultants, in May 2000. The report was reviewed by the EPA and NYSDEC, and then revised by the Town's consultants. The RI Report was approved in March 2001. The Town submitted a Draft FS Report in January 2001. The report was reviewed by the EPA and NYSDEC, and then revised by the Town's consultants. The FS Report was approved in May 2002. In January 2003, NYSDEC and EPA released a Proposed Plan describing the remedial alternatives considered for the Site and identifying the preferred remedy with the rationale for the preference. The primary elements of the preferred remedy included constructing impermeable caps over the landfill areas north and south of Ley Creek, constructing groundwater/leachate collection trenches north and south of Ley Creek, and pumping the collected groundwater/leachate to the Metropolitan Syracuse Wastewater Treatment Plant (METRO) for treatment. Comments received during the public comment period indicated that Onondaga County has a policy not to accept wastewater from inactive hazardous waste sites for treatment at METRO. The Town of Salina and the County participated in extended negotiations for an agreement to allow the landfill's groundwater/leachate to be treated at METRO (with or without pretreatment). No agreement was reached. Therefore, two on-Site groundwater/leachate treatment alternatives were evaluated in a September 2006 Addendum to the May 2002 Town of Salina Landfill Feasibility Study Report. A revised Proposed Plan was released to the public for comment in December 2006. A ROD addressing OU8 was completed in March 2007.

CERCLIS Assessment History:

Action:	DISCOVERY
Date Started:	Not reported
Date Completed:	04/23/89

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ONONDAGA LAKE SEDIMENTS (Continued)

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Priority Level: Not reported

Action: REMEDIAL INVESTIGATION/FEASIBILITY STUDY NEGOTIATIONS
Date Started: Not reported
Date Completed: 06/26/89
Priority Level: Not reported

Action: CONSENT DECREE
Date Started: Not reported
Date Completed: 06/26/89
Priority Level: Not reported

Action: PRELIMINARY ASSESSMENT
Date Started: 04/15/90
Date Completed: 04/22/90
Priority Level: Higher priority for further assessment

Action: SITE INSPECTION
Date Started: 04/15/90
Date Completed: 04/22/90
Priority Level: Higher priority for further assessment

Action: REMEDIAL INVESTIGATION/FEASIBILITY STUDY NEGOTIATIONS
Date Started: 08/03/87
Date Completed: 08/10/90
Priority Level: Not reported

Action: STATE ORDER
Date Started: Not reported
Date Completed: 08/10/90
Priority Level: Not reported

Action: REMEDIAL INVESTIGATION/FEASIBILITY STUDY NEGOTIATIONS
Date Started: Not reported
Date Completed: 03/16/92
Priority Level: Not reported

Action: CONSENT DECREE
Date Started: Not reported
Date Completed: 03/16/92
Priority Level: Not reported

Action: REMEDIAL INVESTIGATION/FEASIBILITY STUDY NEGOTIATIONS
Date Started: Not reported
Date Completed: 03/16/92
Priority Level: Not reported

Action: HAZARD RANKING SYSTEM PACKAGE
Date Started: Not reported
Date Completed: 09/29/92
Priority Level: Not reported

Action: PROPOSAL TO NATIONAL PRIORITIES LIST
Date Started: Not reported
Date Completed: 05/10/93
Priority Level: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ONONDAGA LAKE SEDIMENTS (Continued)

1000481580

Action:	FINAL LISTING ON NATIONAL PRIORITIES LIST
Date Started:	Not reported
Date Completed:	12/16/94
Priority Level:	Not reported
Action:	REMEDIAL INVESTIGATION/FEASIBILITY STUDY NEGOTIATIONS
Date Started:	Not reported
Date Completed:	10/20/95
Priority Level:	Not reported
Action:	CONSENT DECREE
Date Started:	Not reported
Date Completed:	10/20/95
Priority Level:	Not reported
Action:	REMEDIAL INVESTIGATION/FEASIBILITY STUDY NEGOTIATIONS
Date Started:	Not reported
Date Completed:	09/27/97
Priority Level:	Not reported
Action:	REMEDIAL INVESTIGATION/FEASIBILITY STUDY NEGOTIATIONS
Date Started:	Not reported
Date Completed:	01/22/98
Priority Level:	Not reported
Action:	POTENTIALLY RESPONSIBLE PARTY FEASIBILITY STUDY
Date Started:	10/01/93
Date Completed:	02/09/98
Priority Level:	Not reported
Action:	RECORD OF DECISION
Date Started:	Not reported
Date Completed:	02/09/98
Priority Level:	Not reported
Action:	POTENTIALLY RESPONSIBLE PARTY REMEDIAL DESIGN
Date Started:	02/09/98
Date Completed:	07/15/99
Priority Level:	Not reported
Action:	REMEDIAL DESIGN/REMEDIAL ACTION NEGOTIATIONS
Date Started:	Not reported
Date Completed:	07/15/99
Priority Level:	Not reported
Action:	ADMINISTRATIVE ORDER ON CONSENT
Date Started:	Not reported
Date Completed:	07/15/99
Priority Level:	Not reported
Action:	REMEDIAL INVESTIGATION/FEASIBILITY STUDY NEGOTIATIONS
Date Started:	03/08/99
Date Completed:	09/29/99
Priority Level:	Not reported
Action:	REMEDIAL INVESTIGATION/FEASIBILITY STUDY NEGOTIATIONS
Date Started:	11/19/98

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ONONDAGA LAKE SEDIMENTS (Continued)

1000481580

Date Completed: 11/08/99
Priority Level: Not reported

Action: ADMINISTRATIVE ORDER ON CONSENT
Date Started: Not reported
Date Completed: 01/25/00
Priority Level: Not reported

Action: REMEDIAL INVESTIGATION/FEASIBILITY STUDY NEGOTIATIONS
Date Started: Not reported
Date Completed: 01/25/00
Priority Level: Not reported

Action: POTENTIALLY RESPONSIBLE PARTY REMEDIAL INVESTIGATION/FEASIBILITY STUDY
Date Started: 10/20/95
Date Completed: 09/29/00
Priority Level: Not reported

Action: RECORD OF DECISION
Date Started: Not reported
Date Completed: 09/29/00
Priority Level: Not reported

Action: POTENTIALLY RESPONSIBLE PARTY REMEDIAL ACTION
Date Started: 07/15/99
Date Completed: 09/28/01
Priority Level: Final RA Report

Action: REMEDIAL DESIGN/REMEDIAL ACTION NEGOTIATIONS
Date Started: 01/22/01
Date Completed: 03/21/02
Priority Level: Not reported

Action: ADMINISTRATIVE ORDER ON CONSENT
Date Started: Not reported
Date Completed: 03/21/02
Priority Level: Not reported

Action: POTENTIALLY RESPONSIBLE PARTY REMEDIAL INVESTIGATION/FEASIBILITY STUDY
Date Started: 06/26/89
Date Completed: 03/28/02
Priority Level: Not reported

Action: RECORD OF DECISION
Date Started: Not reported
Date Completed: 03/28/02
Priority Level: Not reported

Action: REMEDIAL INVESTIGATION/FEASIBILITY STUDY NEGOTIATIONS
Date Started: 02/28/01
Date Completed: 05/24/02
Priority Level: Not reported

Action: ADMINISTRATIVE ORDER ON CONSENT
Date Started: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ONONDAGA LAKE SEDIMENTS (Continued)

1000481580

Date Completed: 05/24/02
Priority Level: Not reported

Action: NEGOTIATION (GENERIC)
Date Started: 10/03/01
Date Completed: 07/22/02
Priority Level: Not reported

Action: ADMINISTRATIVE ORDER ON CONSENT
Date Started: Not reported
Date Completed: 07/22/02
Priority Level: Not reported

Action: REMEDIAL INVESTIGATION/FEASIBILITY STUDY NEGOTIATIONS
Date Started: 03/12/02
Date Completed: 11/01/02
Priority Level: Not reported

Action: REMEDIAL INVESTIGATION/FEASIBILITY STUDY NEGOTIATIONS
Date Started: 11/28/01
Date Completed: 11/08/02
Priority Level: Not reported

Action: POTENTIALLY RESPONSIBLE PARTY REMEDIAL INVESTIGATION/FEASIBILITY STUDY
Date Started: 01/25/00
Date Completed: 04/17/03
Priority Level: Not reported

Action: NEGOTIATION (GENERIC)
Date Started: 11/18/03
Date Completed: 01/22/04
Priority Level: Not reported

Action: ADMINISTRATIVE ORDER ON CONSENT
Date Started: Not reported
Date Completed: 01/22/04
Priority Level: Not reported

Action: POTENTIALLY RESPONSIBLE PARTY REMEDIAL DESIGN
Date Started: 08/23/01
Date Completed: 09/30/04
Priority Level: Not reported

Action: POTENTIALLY RESPONSIBLE PARTY REMEDIAL INVESTIGATION/FEASIBILITY STUDY
Date Started: 03/16/92
Date Completed: 07/01/05
Priority Level: Not reported

Action: FEASIBILITY STUDY
Date Started: 09/23/03
Date Completed: 07/01/05
Priority Level: Not reported

Action: RECORD OF DECISION
Date Started: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ONONDAGA LAKE SEDIMENTS (Continued)

1000481580

Date Completed:	07/01/05
Priority Level:	Not reported
Action:	REMEDIAL DESIGN/REMEDIAL ACTION NEGOTIATIONS
Date Started:	01/05/06
Date Completed:	10/11/06
Priority Level:	Not reported
Action:	Explanation Of Significant Differences
Date Started:	Not reported
Date Completed:	12/14/06
Priority Level:	Not reported
Action:	CONSENT DECREE
Date Started:	10/11/06
Date Completed:	01/04/07
Priority Level:	Not reported
Action:	FIVE-YEAR REVIEW
Date Started:	04/17/06
Date Completed:	01/30/07
Priority Level:	Not reported
Action:	POTENTIALLY RESPONSIBLE PARTY REMEDIAL INVESTIGATION
Date Started:	Not reported
Date Completed:	03/13/07
Priority Level:	Not reported
Action:	POTENTIALLY RESPONSIBLE PARTY REMEDIAL INVESTIGATION/FEASIBILITY STUDY
Date Started:	11/11/97
Date Completed:	03/29/07
Priority Level:	Not reported
Action:	RECORD OF DECISION
Date Started:	Not reported
Date Completed:	03/29/07
Priority Level:	Not reported
Action:	POTENTIALLY RESPONSIBLE PARTY REMEDIAL INVESTIGATION/FEASIBILITY STUDY
Date Started:	01/22/98
Date Completed:	04/29/09
Priority Level:	Not reported
Action:	ENGINEERING EVALUATION/COST ANALYSIS
Date Started:	07/22/02
Date Completed:	04/29/09
Priority Level:	Not reported
Action:	RECORD OF DECISION
Date Started:	Not reported
Date Completed:	04/29/09
Priority Level:	Not reported
Action:	POTENTIALLY RESPONSIBLE PARTY REMEDIAL INVESTIGATION/FEASIBILITY STUDY

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ONONDAGA LAKE SEDIMENTS (Continued)

1000481580

Date Started: 01/22/98
Date Completed: 10/01/09
Priority Level: Not reported

Action: RECORD OF DECISION
Date Started: Not reported
Date Completed: 10/01/09
Priority Level: Not reported

Action: FIVE-YEAR REVIEW
Date Started: 06/30/09
Date Completed: 10/08/09
Priority Level: Not reported

Action: POTENTIALLY RESPONSIBLE PARTY REMEDIAL INVESTIGATION/FEASIBILITY STUDY
Date Started: 08/10/90
Date Completed: Not reported
Priority Level: Not reported

Action: POTENTIALLY RESPONSIBLE PARTY REMEDIAL INVESTIGATION/FEASIBILITY STUDY
Date Started: 09/30/94
Date Completed: Not reported
Priority Level: Not reported

Action: COMBINED REMEDIAL INVESTIGATION/FEASIBILITY STUDY
Date Started: 09/30/94
Date Completed: Not reported
Priority Level: Not reported

Action: TECHNICAL ASSISTANCE GRANT
Date Started: 09/29/95
Date Completed: Not reported
Priority Level: Not reported

Action: POTENTIALLY RESPONSIBLE PARTY REMEDIAL INVESTIGATION/FEASIBILITY STUDY
Date Started: 09/27/97
Date Completed: Not reported
Priority Level: Not reported

Action: POTENTIALLY RESPONSIBLE PARTY REMEDIAL INVESTIGATION/FEASIBILITY STUDY
Date Started: 09/29/99
Date Completed: Not reported
Priority Level: Not reported

Action: POTENTIALLY RESPONSIBLE PARTY REMEDIAL INVESTIGATION/FEASIBILITY STUDY
Date Started: 11/08/99
Date Completed: Not reported
Priority Level: Not reported

Action: TECHNICAL ASSISTANCE
Date Started: 09/30/00
Date Completed: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ONONDAGA LAKE SEDIMENTS (Continued)

1000481580

Priority Level: Not reported

Action: TECHNICAL ASSISTANCE
Date Started: 09/30/00
Date Completed: Not reported
Priority Level: Not reported

Action: TECHNICAL ASSISTANCE
Date Started: 09/30/00
Date Completed: Not reported
Priority Level: Not reported

Action: POTENTIALLY RESPONSIBLE PARTY REMEDIAL INVESTIGATION/FEASIBILITY STUDY
Date Started: 05/24/02
Date Completed: Not reported
Priority Level: Not reported

Action: POTENTIALLY RESPONSIBLE PARTY REMEDIAL INVESTIGATION/FEASIBILITY STUDY
Date Started: 11/01/02
Date Completed: Not reported
Priority Level: Not reported

Action: POTENTIALLY RESPONSIBLE PARTY REMEDIAL INVESTIGATION/FEASIBILITY STUDY
Date Started: 11/08/02
Date Completed: Not reported
Priority Level: Not reported

Action: POTENTIALLY RESPONSIBLE PARTY REMEDIAL ACTION
Date Started: 09/30/04
Date Completed: Not reported
Priority Level: Final RA Report

Action: POTENTIALLY RESPONSIBLE PARTY REMEDIAL ACTION
Date Started: 09/30/04
Date Completed: Not reported
Priority Level: Final RA Report

Action: POTENTIALLY RESPONSIBLE PARTY REMEDIAL DESIGN
Date Started: 10/20/04
Date Completed: Not reported
Priority Level: Not reported

Action: POTENTIALLY RESPONSIBLE PARTY REMEDIAL INVESTIGATION/FEASIBILITY STUDY
Date Started: 10/04/05
Date Completed: Not reported
Priority Level: Not reported

Action: POTENTIALLY RESPONSIBLE PARTY REMEDIAL DESIGN
Date Started: 01/04/07
Date Completed: Not reported
Priority Level: Not reported

Action: ENGINEERING EVALUATION/COST ANALYSIS

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ONONDAGA LAKE SEDIMENTS (Continued)

1000481580

Date Started: 03/09/07
Date Completed: Not reported
Priority Level: Not reported

Action: POTENTIALLY RESPONSIBLE PARTY REMEDIAL DESIGN
Date Started: 07/10/07
Date Completed: Not reported
Priority Level: Not reported

Action: TECHNICAL ASSISTANCE
Date Started: 01/30/08
Date Completed: Not reported
Priority Level: Not reported

Action: ENGINEERING EVALUATION/COST ANALYSIS
Date Started: 02/17/09
Date Completed: Not reported
Priority Level: Not reported

Action: COMBINED REMEDIAL INVESTIGATION/FEASIBILITY STUDY
Date Started: 10/27/09
Date Completed: Not reported
Priority Level: Not reported

US ENG CONTROLS:

EPA ID: NYD986913580
Site ID: 0203382
Name: ONONDAGA LAKE
Address: Not reported
SYRACUSE, NY 13209
EPA Region: 02
County: ONONDAGA
Event Code: Not reported
Actual Date: Not reported

Action ID: 001
Action Name: Explanation Of Significant Differences
Action Completion date: 12/14/2006
Planned Complet. date: 12/31/2006
Operable Unit: 02
Contaminated Media : Free-phase NAPL
Engineering Control: Free Product Recovery

Action ID: 003
Action Name: RECORD OF DECISION
Action Completion date: 7/1/2005
Planned Complet. date: 7/1/2005
Operable Unit: 02
Contaminated Media : Sediment
Engineering Control: Cap

Action ID: 003
Action Name: RECORD OF DECISION
Action Completion date: 7/1/2005
Planned Complet. date: 7/1/2005
Operable Unit: 02

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ONONDAGA LAKE SEDIMENTS (Continued)

1000481580

Contaminated Media : Sediment
Engineering Control: Disposal

Action ID: 003
Action Name: RECORD OF DECISION
Action Completion date: 7/1/2005
Planned Complet. date: 7/1/2005
Operable Unit: 02
Contaminated Media : Sediment
Engineering Control: Excavation

Action ID: 003
Action Name: RECORD OF DECISION
Action Completion date: 7/1/2005
Planned Complet. date: 7/1/2005
Operable Unit: 02
Contaminated Media : Sediment
Engineering Control: Monitoring

Action ID: 003
Action Name: RECORD OF DECISION
Action Completion date: 7/1/2005
Planned Complet. date: 7/1/2005
Operable Unit: 02
Contaminated Media : Sediment
Engineering Control: Natural Attenuation

Action ID: 003
Action Name: RECORD OF DECISION
Action Completion date: 7/1/2005
Planned Complet. date: 7/1/2005
Operable Unit: 02
Contaminated Media : Sediment
Engineering Control: Treatment, (N.O.S.)

Action ID: 004
Action Name: RECORD OF DECISION
Action Completion date: 9/29/2000
Planned Complet. date: 9/30/2000
Operable Unit: 05
Contaminated Media : Groundwater
Engineering Control: Containment, (N.O.S.)

Action ID: 004
Action Name: RECORD OF DECISION
Action Completion date: 9/29/2000
Planned Complet. date: 9/30/2000
Operable Unit: 05
Contaminated Media : Groundwater
Engineering Control: Hydraulic Control

Action ID: 004
Action Name: RECORD OF DECISION
Action Completion date: 9/29/2000
Planned Complet. date: 9/30/2000
Operable Unit: 05
Contaminated Media : Groundwater

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ONONDAGA LAKE SEDIMENTS (Continued)

1000481580

Engineering Control: Monitoring

Action ID: 004
Action Name: RECORD OF DECISION
Action Completion date: 9/29/2000
Planned Complet. date: 9/30/2000
Operable Unit: 05
Contaminated Media : Groundwater
Engineering Control: Pump And Treat

Action ID: 004
Action Name: RECORD OF DECISION
Action Completion date: 9/29/2000
Planned Complet. date: 9/30/2000
Operable Unit: 05
Contaminated Media : Groundwater
Engineering Control: Slurry Wall

Action ID: 004
Action Name: RECORD OF DECISION
Action Completion date: 9/29/2000
Planned Complet. date: 9/30/2000
Operable Unit: 05
Contaminated Media : Groundwater
Engineering Control: Treatment, (N.O.S.)

Action ID: 004
Action Name: RECORD OF DECISION
Action Completion date: 9/29/2000
Planned Complet. date: 9/30/2000
Operable Unit: 05
Contaminated Media : Soil
Engineering Control: Cap

Action ID: 004
Action Name: RECORD OF DECISION
Action Completion date: 9/29/2000
Planned Complet. date: 9/30/2000
Operable Unit: 05
Contaminated Media : Soil
Engineering Control: Containment, (N.O.S.)

Action ID: 004
Action Name: RECORD OF DECISION
Action Completion date: 9/29/2000
Planned Complet. date: 9/30/2000
Operable Unit: 05
Contaminated Media : Soil
Engineering Control: Disposal

Action ID: 004
Action Name: RECORD OF DECISION
Action Completion date: 9/29/2000
Planned Complet. date: 9/30/2000
Operable Unit: 05
Contaminated Media : Soil
Engineering Control: Excavation

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ONONDAGA LAKE SEDIMENTS (Continued)

1000481580

Action ID: 004
Action Name: RECORD OF DECISION
Action Completion date: 9/29/2000
Planned Complet. date: 9/30/2000
Operable Unit: 05
Contaminated Media : Soil
Engineering Control: Treatment, (N.O.S.)

Action ID: 005
Action Name: RECORD OF DECISION
Action Completion date: 3/28/2002
Planned Complet. date: 3/31/2002
Operable Unit: 06
Contaminated Media : Groundwater
Engineering Control: Extraction

Action ID: 005
Action Name: RECORD OF DECISION
Action Completion date: 3/28/2002
Planned Complet. date: 3/31/2002
Operable Unit: 06
Contaminated Media : Groundwater
Engineering Control: Monitoring

Action ID: 005
Action Name: RECORD OF DECISION
Action Completion date: 3/28/2002
Planned Complet. date: 3/31/2002
Operable Unit: 06
Contaminated Media : Groundwater
Engineering Control: Treatment, (N.O.S.)

Action ID: 005
Action Name: RECORD OF DECISION
Action Completion date: 3/28/2002
Planned Complet. date: 3/31/2002
Operable Unit: 06
Contaminated Media : Solid Waste
Engineering Control: Cap

Action ID: 005
Action Name: RECORD OF DECISION
Action Completion date: 3/28/2002
Planned Complet. date: 3/31/2002
Operable Unit: 06
Contaminated Media : Solid Waste
Engineering Control: Excavation

Action ID: 005
Action Name: RECORD OF DECISION
Action Completion date: 3/28/2002
Planned Complet. date: 3/31/2002
Operable Unit: 06
Contaminated Media : Solid Waste
Engineering Control: Recycling

Action ID: 010

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ONONDAGA LAKE SEDIMENTS (Continued)

1000481580

Action Name: RECORD OF DECISION
Action Completion date: 3/29/2007
Planned Complet. date: 3/31/2007
Operable Unit: 08
Contaminated Media : Groundwater
Engineering Control: Discharge

Action ID: 010
Action Name: RECORD OF DECISION
Action Completion date: 3/29/2007
Planned Complet. date: 3/31/2007
Operable Unit: 08
Contaminated Media : Groundwater
Engineering Control: Extraction

Action ID: 010
Action Name: RECORD OF DECISION
Action Completion date: 3/29/2007
Planned Complet. date: 3/31/2007
Operable Unit: 08
Contaminated Media : Groundwater
Engineering Control: Flocculation

Action ID: 010
Action Name: RECORD OF DECISION
Action Completion date: 3/29/2007
Planned Complet. date: 3/31/2007
Operable Unit: 08
Contaminated Media : Groundwater
Engineering Control: Monitoring

Action ID: 010
Action Name: RECORD OF DECISION
Action Completion date: 3/29/2007
Planned Complet. date: 3/31/2007
Operable Unit: 08
Contaminated Media : Groundwater
Engineering Control: Operations & Maintenance (O&M)

Action ID: 010
Action Name: RECORD OF DECISION
Action Completion date: 3/29/2007
Planned Complet. date: 3/31/2007
Operable Unit: 08
Contaminated Media : Groundwater
Engineering Control: Treatment, (N.O.S.)

Action ID: 010
Action Name: RECORD OF DECISION
Action Completion date: 3/29/2007
Planned Complet. date: 3/31/2007
Operable Unit: 08
Contaminated Media : Leachate
Engineering Control: Discharge

Action ID: 010
Action Name: RECORD OF DECISION

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ONONDAGA LAKE SEDIMENTS (Continued)

1000481580

Action Completion date: 3/29/2007
Planned Complet. date: 3/31/2007
Operable Unit: 08
Contaminated Media : Leachate
Engineering Control: Flocculation

Action ID: 010
Action Name: RECORD OF DECISION
Action Completion date: 3/29/2007
Planned Complet. date: 3/31/2007
Operable Unit: 08
Contaminated Media : Leachate
Engineering Control: Monitoring

Action ID: 010
Action Name: RECORD OF DECISION
Action Completion date: 3/29/2007
Planned Complet. date: 3/31/2007
Operable Unit: 08
Contaminated Media : Leachate
Engineering Control: Operations & Maintenance (O&M)

Action ID: 010
Action Name: RECORD OF DECISION
Action Completion date: 3/29/2007
Planned Complet. date: 3/31/2007
Operable Unit: 08
Contaminated Media : Leachate
Engineering Control: Treatment, (N.O.S.)

Action ID: 010
Action Name: RECORD OF DECISION
Action Completion date: 3/29/2007
Planned Complet. date: 3/31/2007
Operable Unit: 08
Contaminated Media : Sediment
Engineering Control: Cap

Action ID: 010
Action Name: RECORD OF DECISION
Action Completion date: 3/29/2007
Planned Complet. date: 3/31/2007
Operable Unit: 08
Contaminated Media : Sediment
Engineering Control: Consolidate

Action ID: 010
Action Name: RECORD OF DECISION
Action Completion date: 3/29/2007
Planned Complet. date: 3/31/2007
Operable Unit: 08
Contaminated Media : Sediment
Engineering Control: Disposal

Action ID: 010
Action Name: RECORD OF DECISION
Action Completion date: 3/29/2007

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ONONDAGA LAKE SEDIMENTS (Continued)

1000481580

Planned Complet. date: 3/31/2007
Operable Unit: 08
Contaminated Media : Sediment
Engineering Control: Engineering Control, (N.O.S.)

Action ID: 010
Action Name: RECORD OF DECISION
Action Completion date: 3/29/2007
Planned Complet. date: 3/31/2007
Operable Unit: 08
Contaminated Media : Sediment
Engineering Control: Excavation

Action ID: 010
Action Name: RECORD OF DECISION
Action Completion date: 3/29/2007
Planned Complet. date: 3/31/2007
Operable Unit: 08
Contaminated Media : Sediment
Engineering Control: Hot Water or Steam Flushing/Stripping

Action ID: 010
Action Name: RECORD OF DECISION
Action Completion date: 3/29/2007
Planned Complet. date: 3/31/2007
Operable Unit: 08
Contaminated Media : Sediment
Engineering Control: Liner

Action ID: 010
Action Name: RECORD OF DECISION
Action Completion date: 3/29/2007
Planned Complet. date: 3/31/2007
Operable Unit: 08
Contaminated Media : Sediment
Engineering Control: Operations & Maintenance (O&M)

Action ID: 010
Action Name: RECORD OF DECISION
Action Completion date: 3/29/2007
Planned Complet. date: 3/31/2007
Operable Unit: 08
Contaminated Media : Soil
Engineering Control: Cap

Action ID: 010
Action Name: RECORD OF DECISION
Action Completion date: 3/29/2007
Planned Complet. date: 3/31/2007
Operable Unit: 08
Contaminated Media : Soil
Engineering Control: Consolidate

Action ID: 010
Action Name: RECORD OF DECISION
Action Completion date: 3/29/2007
Planned Complet. date: 3/31/2007

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ONONDAGA LAKE SEDIMENTS (Continued)

1000481580

Operable Unit: 08
Contaminated Media : Soil
Engineering Control: Disposal

Action ID: 010
Action Name: RECORD OF DECISION
Action Completion date: 3/29/2007
Planned Complet. date: 3/31/2007
Operable Unit: 08
Contaminated Media : Soil
Engineering Control: Excavation

Action ID: 010
Action Name: RECORD OF DECISION
Action Completion date: 3/29/2007
Planned Complet. date: 3/31/2007
Operable Unit: 08
Contaminated Media : Surface Water
Engineering Control: Engineering Control, (N.O.S.)

Action ID: 010
Action Name: RECORD OF DECISION
Action Completion date: 3/29/2007
Planned Complet. date: 3/31/2007
Operable Unit: 08
Contaminated Media : Surface Water
Engineering Control: Monitoring

US INST CONTROL:

EPA ID: NYD986913580
Site ID: 0203382
Name: ONONDAGA LAKE
Action Name: RECORD OF DECISION
Address: Not reported
SYRACUSE, NY 13209
EPA Region: 02
County: ONONDAGA
Event Code: Not reported
Inst. Control: Deed Notices
Actual Date: Not reported
Complet. Date: 7/1/2005
Operable Unit: 02
Contaminated Media : Sediment

EPA ID: NYD986913580
Site ID: 0203382
Name: ONONDAGA LAKE
Action Name: RECORD OF DECISION
Address: Not reported
SYRACUSE, NY 13209
EPA Region: 02
County: ONONDAGA
Event Code: Not reported
Inst. Control: Covenant
Actual Date: Not reported
Complet. Date: 3/28/2002

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ONONDAGA LAKE SEDIMENTS (Continued)

1000481580

Operable Unit: 06
Contaminated Media : Groundwater

EPA ID: NYD986913580
Site ID: 0203382
Name: ONONDAGA LAKE
Action Name: RECORD OF DECISION
Address: Not reported
SYRACUSE, NY 13209

EPA Region: 02
County: ONONDAGA
Event Code: Not reported
Inst. Control: Covenant
Actual Date: Not reported
Comple. Date: 3/29/2007
Operable Unit: 08
Contaminated Media : Groundwater

EPA ID: NYD986913580
Site ID: 0203382
Name: ONONDAGA LAKE
Action Name: RECORD OF DECISION
Address: Not reported
SYRACUSE, NY 13209

EPA Region: 02
County: ONONDAGA
Event Code: Not reported
Inst. Control: Easement
Actual Date: Not reported
Comple. Date: 3/29/2007
Operable Unit: 08
Contaminated Media : Groundwater

EPA ID: NYD986913580
Site ID: 0203382
Name: ONONDAGA LAKE
Action Name: RECORD OF DECISION
Address: Not reported
SYRACUSE, NY 13209

EPA Region: 02
County: ONONDAGA
Event Code: Not reported
Inst. Control: Groundwater use/well drilling regulation
Actual Date: Not reported
Comple. Date: 3/29/2007
Operable Unit: 08
Contaminated Media : Groundwater

EPA ID: NYD986913580
Site ID: 0203382
Name: ONONDAGA LAKE
Action Name: RECORD OF DECISION
Address: Not reported
SYRACUSE, NY 13209

EPA Region: 02
County: ONONDAGA
Event Code: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ONONDAGA LAKE SEDIMENTS (Continued)

1000481580

Inst. Control: Zoning regulation
Actual Date: Not reported
Comple. Date: 3/29/2007
Operable Unit: 08
Contaminated Media : Leachate

EPA ID: NYD986913580
Site ID: 0203382
Name: ONONDAGA LAKE
Action Name: RECORD OF DECISION
Address: Not reported
SYRACUSE, NY 13209

EPA Region: 02
County: ONONDAGA
Event Code: Not reported
Inst. Control: Covenant
Actual Date: Not reported
Comple. Date: 3/29/2007
Operable Unit: 08
Contaminated Media : Sediment

EPA ID: NYD986913580
Site ID: 0203382
Name: ONONDAGA LAKE
Action Name: RECORD OF DECISION
Address: Not reported
SYRACUSE, NY 13209

EPA Region: 02
County: ONONDAGA
Event Code: Not reported
Inst. Control: Easement
Actual Date: Not reported
Comple. Date: 3/29/2007
Operable Unit: 08
Contaminated Media : Sediment

EPA ID: NYD986913580
Site ID: 0203382
Name: ONONDAGA LAKE
Action Name: RECORD OF DECISION
Address: Not reported
SYRACUSE, NY 13209

EPA Region: 02
County: ONONDAGA
Event Code: Not reported
Inst. Control: Zoning regulation
Actual Date: Not reported
Comple. Date: 3/29/2007
Operable Unit: 08
Contaminated Media : Sediment

EPA ID: NYD986913580
Site ID: 0203382
Name: ONONDAGA LAKE
Action Name: RECORD OF DECISION
Address: Not reported
SYRACUSE, NY 13209

Map ID
Direction
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ONONDAGA LAKE SEDIMENTS (Continued)

1000481580

EPA Region: 02
County: ONONDAGA
Event Code: Not reported
Inst. Control: Covenant
Actual Date: Not reported
Comple. Date: 3/29/2007
Operable Unit: 08
Contaminated Media : Soil

EPA ID: NYD986913580
Site ID: 0203382
Name: ONONDAGA LAKE
Action Name: RECORD OF DECISION
Address: Not reported
SYRACUSE, NY 13209

EPA Region: 02
County: ONONDAGA
Event Code: Not reported
Inst. Control: Easement
Actual Date: Not reported
Comple. Date: 3/29/2007
Operable Unit: 08
Contaminated Media : Soil

EPA ID: NYD986913580
Site ID: 0203382
Name: ONONDAGA LAKE
Action Name: RECORD OF DECISION
Address: Not reported
SYRACUSE, NY 13209

EPA Region: 02
County: ONONDAGA
Event Code: Not reported
Inst. Control: Zoning regulation
Actual Date: Not reported
Comple. Date: 3/29/2007
Operable Unit: 08
Contaminated Media : Soil

ROD:

Full-text of USEPA Record of Decision(s) is available from EDR.

FINDS:

Registry ID: 110009303645

Environmental Interest/Information System

CERCLIS (Comprehensive Environmental Response, Compensation, and Liability Information System) is the Superfund database that is used to support management in all phases of the Superfund program. The system contains information on all aspects of hazardous waste sites, including an inventory of sites, planned and actual site activities, and financial information.

ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when

Map ID
Direction
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ONONDAGA LAKE SEDIMENTS (Continued)

1000481580

complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and its Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

NY Spills:

Site ID: 226198
Facility Addr2: Not reported
Facility ID: 9204497
Spill Number: 9204497
Facility Type: ER
SWIS: 3415
Investigator: RJBRAZEL
Referred To: Not reported
Spill Date: 7/18/1992
Reported to Dept: 7/20/1992
CID: Not reported
Spill Cause: Unknown
Water Affected: Not reported
Spill Source: Unknown
Spill Notifier: Federal Government
Cleanup Ceased: 7/20/1992
Cleanup Meets Std: True
Last Inspection: Not reported
Recommended Penalty: Penalty Not Recommended
UST Trust: False
Spill Class: No spill occurred. No DEC Response. No corrective action required.
Spill Closed Dt: 7/20/1992
Remediation Phase: 0
Date Entered In Computer: 9/10/1992
Spill Record Last Update: 11/3/1993
Spiller Name: Not reported
Spiller Company: UNKNOWN
Spiller Address: Not reported
Spiller City,St,Zip: NY
Spiller Company: 999
Contact Name: Not reported
Contact Phone: Not reported
DEC Region: 7
DER Facility ID: 186713
DEC Memo: Prior to Sept, 2004 data translation this spill Lead_DEC Field was "RB"
Remarks: UNKNOWN LOCATION OR CAUSE

Material:

Site ID: 226198
Operable Unit ID: 968196
Operable Unit: 01

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ONONDAGA LAKE SEDIMENTS (Continued)

1000481580

Material ID: 412215
Material Code: 0066A
Material Name: UNKNOWN PETROLEUM
Case No.: Not reported
Material FA: Petroleum
Quantity: 0
Units: Gallons
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:

Site ID: Not reported
Spill Tank Test: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate: Not reported
Gross Fail: Not reported
Modified By: Not reported
Last Modified: Not reported
Test Method: Not reported

NY Hist Spills:

Region of Spill: 7
Spill Number: 9204497
Investigator: RB
Caller Name: Not reported
Caller Agency: Not reported
Caller Phone: Not reported
Notifier Name: Not reported
Notifier Agency: Not reported
Notifier Phone: Not reported
Spill Date/Time: 07/18/1992 09:00
Reported to Dept Date/Time: 07/20/92 09:33
SWIS: 31
Spiller Name: UNKNOWN
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Address: Not reported
Spiller City,St,Zip: Not reported
Spill Cause: Unknown
Reported to Dept: Surface Water
Water Affected: Not reported
Spill Source: 12
Spill Notifier: Federal Government
PBS Number: Not reported
Cleanup Ceased: 07/20/92
Cleanup Meets Std: True
Last Inspection: / /
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Dt: / /
Enforcement Date: / /
Invstgn Complete: / /
UST Involvement: False

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ONONDAGA LAKE SEDIMENTS (Continued)

1000481580

Spill Class: No spill occurred. No DEC Response. No corrective action required.
Spill Closed Dt: 07/20/92
Corrective Action Plan Submitted: / /
Date Region Sent Summary to Central Office: / /
Date Spill Entered In Computer Data File: 09/10/92
Date Spill Entered In Computer Data File: Not reported
Update Date: 11/03/93
Is Updated: False

Tank:
PBS Number: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported

Material:
Material Class Type: Petroleum
Quantity Spilled: 0
Unkonwn Quantity Spilled: False
Units: Gallons
Quantity Recovered: 0
Unkonwn Quantity Recovered: False
Material: UNKNOWN PETROLEUM
Class Type: UNKNOWN PETROLEUM
Times Material Entry In File: 16414
CAS Number: Not reported
Last Date: 19940929
DEC Remarks: Not reported
Remark: UNKNOWN LOCATION OR CAUSE

B3
East
1/2-1
0.599 mi.
3162 ft.

HONEYWELL INTERNATIONAL INC.
522 GERE LOCK RD
SYRACUSE, NY 13209
Site 1 of 3 in cluster B

NY Spills **S110367574**
CBS **N/A**

Relative:
Higher

NY Spills:
Site ID: 442264
Facility Addr2: Not reported
Facility ID: 1008746
Spill Number: 1008746
Facility Type: ER
SWIS: 3420
Investigator: KCKEMP
Referred To: Not reported
Spill Date: 11/19/2010
Reported to Dept: 11/19/2010
CID: Not reported
Spill Cause: Equipment Failure
Water Affected: Not reported
Spill Source: Commercial/Industrial
Spill Notifier: Other
Cleanup Ceased: 11/22/2010
Cleanup Meets Std: True
Last Inspection: 11/19/2010
Recommended Penalty: Penalty Not Recommended
UST Trust: False

Actual:
408 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HONEYWELL INTERNATIONAL INC. (Continued)

S110367574

Spill Class: Known release that creates a file or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt: 11/22/2010
Remediation Phase: 0
Date Entered In Computer: 11/19/2010
Spill Record Last Update: 11/22/2010
Spiller Name: AL LABUZ
Spiller Company: HONEYWELL INTERNATIONAL INC
Spiller Address: 101 COLUMBIA RD - SUITE 1139
Spiller City,St,Zip: MORRISTOWN, NJ 07962-1139
Spiller Company: 999
Contact Name: AL
Contact Phone: Not reported
DEC Region: 7
DER Facility ID: 397297
DEC Memo: Workers preparing secondary containment for repairs / upgrades to containment lining tomorrow AM struck 2" dia. PVC drain valve on Tank HLC-004 with either hand tool or foot, causing normally closed drain valve to break off and spill of estimated 1,000 gallons of 33% hydrochloric acid to concrete secondary containment structure and HCL vapor cloud in immediate area and approx 1,000 feet downwind in a northerly direction towards CSX Mainline. Honeywell contracted with Op-tech for cleanup, who responded with a vacuum truck and service truck, suited up to Level B with respirator, and vacuumed acid and spalled concrete out of containment. Once standing liquid had been removed, neutralized with sodium bicarb and water, which was also vacuumed. All materials collected disposed of in leachate neutralization basin adjacent to spill site. Site is CBS 7-000374, and NOV dated 8/16/2010 identified the condition of the secondary containment, and the secondary containment work being prepped today was in accordance to the work plan dated 9/15-16/2010 prepared by Honeywell in response to that NOV. Spilled hydrochloric acid disintegrated approx 2 inches of concrete from walls and floor exposed to acid. Rebar visible. Several photos in eDocs. Initial contact regarding spill was made directly from Honeywell Al Labuz directly to DEC Kemp. DEC Kemp advised Honeywell Al Labuz to contact Spill Hotline per 6 NYCRR Part 595.3. DEC Kemp advised RSE Brazell immediately then responded to scene (ETA 10 minutes upon call from Honeywell). RSE Brazell to evaluate if notification required. Cleanup of spilled acid completed approx 1930 hours. Honeywell / OB&G to evaluate if secondary containment is salvageable, then repair or replace containment. KCKemp - 2010-11-19 Cleanup complete - does not appear secondary containment was breached. RSE Brazell also stated notification not required. Spill closed after discussion with RSE Brazell. KCKemp - 2010-11-22

Remarks: Caller stated it is contained to a containment hold.

Material:

Site ID: 442264
Operable Unit ID: 1192775
Operable Unit: 01
Material ID: 2188113
Material Code: 0029B
Material Name: HYDROCHLORIC ACID
Case No.: 07647010
Material FA: Hazardous Material
Quantity: 1000
Units: Gallons

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

HONEYWELL INTERNATIONAL INC. (Continued)

S110367574

Recovered: 1000
 Resource Affected: Not reported
 Oxygenate: False

Tank Test:

Site ID: Not reported
 Spill Tank Test: Not reported
 Tank Number: Not reported
 Tank Size: Not reported
 Test Method: Not reported
 Leak Rate: Not reported
 Gross Fail: Not reported
 Modified By: Not reported
 Last Modified: Not reported
 Test Method: Not reported

CBS:

CBS Number: 7-000374
 Program Type: CBS
 Dec Region: 7
 Expiration Date: 2010/12/11
 Facility Status: Active
 UTMX: 399213.13994999
 UTM Y: 4769295.5774699

B4
East
1/2-1
0.651 mi.
3436 ft.

GERELOCK I
THOMAS AVE & GERELOCK RD.
FAIRMONT, NY

NY Spills **S102167167**
NY Hist Spills **N/A**

Site 2 of 3 in cluster B

Relative:
Higher

NY Spills:

Site ID: 168330
 Facility Addr2: Not reported
 Facility ID: 9305567
 Spill Number: 9305567
 Facility Type: ER
 SWIS: 3400
 Investigator: MENASH
 Referred To: Not reported
 Spill Date: 8/4/1993
 Reported to Dept: 8/4/1993
 CID: Not reported
 Spill Cause: Abandoned Drums
 Water Affected: Not reported
 Spill Source: Unknown
 Spill Notifier: Local Agency
 Cleanup Ceased: 8/4/1993
 Cleanup Meets Std: True
 Last Inspection: Not reported
 Recommended Penalty: Penalty Not Recommended
 UST Trust: False
 Spill Class: Possible release with minimal potential for fire or hazard or Known release with no damage. DEC Response. Willing Responsible Party. Corrective action taken.
 Spill Closed Dt: 8/4/1993

Actual:
404 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GERELOCK I (Continued)

S102167167

Remediation Phase: 0
Date Entered In Computer: Not reported
Spill Record Last Update: 12/2/2003
Spiller Name: Not reported
Spiller Company: UNKNOWN
Spiller Address: Not reported
Spiller City,St,Zip: NY
Spiller Company: 999
Contact Name: Not reported
Contact Phone: Not reported
DEC Region: 7
DER Facility ID: 141808
DEC Memo: Prior to Sept, 2004 data translation this spill Lead_DEC Field was "MN" 08/04/93: NO SIGNIFICANT SPILL TO REMOVE.
Remarks: FOUND A 20-25 PAIL OF GASOLINE ONSIDE OF ROAD. CREEK IS NEARBY. WANTS A CALLBACK. ACROSS THE STREET 690 OFF RAMP.

Material:

Site ID: 168330
Operable Unit ID: 987074
Operable Unit: 01
Material ID: 395479
Material Code: 0009
Material Name: Gasoline
Case No.: Not reported
Material FA: Petroleum
Quantity: 5
Units: Gallons
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:

Site ID: Not reported
Spill Tank Test: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate: Not reported
Gross Fail: Not reported
Modified By: Not reported
Last Modified: Not reported
Test Method: Not reported

NY Hist Spills:

Region of Spill: 7
Spill Number: 9305567
Investigator: MN
Caller Name: Not reported
Caller Agency: Not reported
Caller Phone: Not reported
Notifier Name: Not reported
Notifier Agency: Not reported
Notifier Phone: Not reported
Spill Date/Time: 08/04/1993 14:45
Reported to Dept Date/Time: 08/04/93 15:00

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GERELOCK I (Continued)

S102167167

SWIS: 31
Spiller Name: UNKNOWN
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Address: Not reported
Spiller City,St,Zip: Not reported
Spill Cause: Abandoned Drums
Reported to Dept: On Land
Water Affected: Not reported
Spill Source: 12
Spill Notifier: Local Agency
PBS Number: Not reported
Cleanup Ceased: 08/04/93
Cleanup Meets Std: True
Last Inspection: / /
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Dt: / /
Enforcement Date: / /
Invstgn Complete: / /
UST Involvement: False
Spill Class: Possible release with minimal potential for fire or hazard or Known release with no damage. DEC Response. Willing Responsible Party. Corrective action taken.

Spill Closed Dt: 08/04/93
Corrective Action Plan Submitted: / /
Date Region Sent Summary to Central Office: / /
Date Spill Entered In Computer Data File: 08/04/93
Date Spill Entered In Computer Data File: Not reported
Update Date: / /
Is Updated: False

Tank:
PBS Number: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported

Material:
Material Class Type: Petroleum
Quantity Spilled: 5
Unkonwn Quantity Spilled: False
Units: Gallons
Quantity Recovered: 0
Unkonwn Quantity Recovered: False
Material: GASOLINE
Class Type: GASOLINE
Times Material Entry In File: 21329
CAS Number: Not reported
Last Date: 19940929
DEC Remarks: 08/04/93: NO SIGNIFICANT SPILL TO REMOVE.
Remark: FOUND A 20-25 PAIL OF GASOLINE ONSIDE OF ROAD. CREEK IS NEARBY. WANTS A CALLBACK. ACROSS THE STREET 690 OFF RAMP.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

B5
East
1/2-1
0.651 mi.
3436 ft.

GERELOCK RD. II
GERELOCK RD. & THOMAS DR.
FAIRMOUNT, NY

NY Spills **S102167168**
NY Hist Spills **N/A**

Site 3 of 3 in cluster B

Relative:
Higher

NY Spills:

Actual:
404 ft.

Site ID: 99895
Facility Addr2: Not reported
Facility ID: 9305572
Spill Number: 9305572
Facility Type: ER
SWIS: 3400
Investigator: ROMOCKI
Referred To: Not reported
Spill Date: 8/4/1993
Reported to Dept: 8/4/1993
CID: Not reported
Spill Cause: Deliberate
Water Affected: Not reported
Spill Source: Unknown
Spill Notifier: Fire Department
Cleanup Ceased: 8/4/1993
Cleanup Meets Std: True
Last Inspection: Not reported
Recommended Penalty: Penalty Not Recommended
UST Trust: False
Spill Class: Possible release with minimal potential for fire or hazard or Known release with no damage. DEC Response. Willing Responsible Party. Corrective action taken.

Spill Closed Dt: 8/4/1993
Remediation Phase: 0
Date Entered In Computer: Not reported
Spill Record Last Update: 12/2/2003
Spiller Name: Not reported
Spiller Company: UNKNOWN
Spiller Address: Not reported
Spiller City,St,Zip: NY
Spiller Company: 999
Contact Name: Not reported
Contact Phone: Not reported
DEC Region: 7
DER Facility ID: 88740
DEC Memo: Prior to Sept, 2004 data translation this spill Lead_DEC Field was "MR" 08/04/93: REFER TO SPILL #9305567.

Remarks: 10-12 VEHICLE FUEL TANKS DUMPED ALONG ROADSIDE. ALSO 5 GALLON PAIL WITH SOME GASOLINE DUMPED INTO DITCH.

Material:

Site ID: 99895
Operable Unit ID: 983733
Operable Unit: 01
Material ID: 395484
Material Code: 0009
Material Name: Gasoline
Case No.: Not reported
Material FA: Petroleum
Quantity: 5
Units: Gallons
Recovered: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GERELOCK RD. II (Continued)

S102167168

Resource Affected: Not reported
Oxygenate: False

Tank Test:

Site ID: Not reported
Spill Tank Test: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate: Not reported
Gross Fail: Not reported
Modified By: Not reported
Last Modified: Not reported
Test Method: Not reported

NY Hist Spills:

Region of Spill: 7
Spill Number: 9305572
Investigator: MR
Caller Name: Not reported
Caller Agency: Not reported
Caller Phone: Not reported
Notifier Name: Not reported
Notifier Agency: Not reported
Notifier Phone: Not reported
Spill Date/Time: 08/04/1993 16:00
Reported to Dept Date/Time: 08/04/93 16:15
SWIS: 31
Spiller Name: UNKNOWN
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Address: Not reported
Spiller City,St,Zip: Not reported
Spill Cause: Deliberate
Reported to Dept: Surface Water
Water Affected: Not reported
Spill Source: 12
Spill Notifier: Fire Department
PBS Number: Not reported
Cleanup Ceased: 08/04/93
Cleanup Meets Std: True
Last Inspection: / /
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Dt: / /
Enforcement Date: / /
Invstgn Complete: / /
UST Involvement: False
Spill Class: Possible release with minimal potential for fire or hazard or Known release with no damage. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt: 08/04/93
Corrective Action Plan Submitted: / /
Date Region Sent Summary to Central Office: / /
Date Spill Entered In Computer Data File: 08/04/93
Date Spill Entered In Computer Data File: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GERELOCK RD. II (Continued)

S102167168

Update Date: / /
Is Updated: False

Tank:

PBS Number: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported

Material:

Material Class Type: Petroleum
Quantity Spilled: 5
Unkonwn Quantity Spilled: False
Units: Gallons
Quantity Recovered: 0
Unkonwn Quantity Recovered: False
Material: GASOLINE
Class Type: GASOLINE
Times Material Entry In File: 21329
CAS Number: Not reported
Last Date: 19940929
DEC Remarks: 08/04/93: REFER TO SPILL 9305567.
Remark: 10-12 VEHICLE FUEL TANKS DUMPED ALONG ROADSIDE. ALSO 5 GALLON PAIL WITH SOME GASOLINE DUMPED INTO DITCH.

C6
South
1/2-1
0.659 mi.
3479 ft.

BELLE ISLE C & D LANDFILL SITE
6051 BELLE ISLE ROAD
CAMILLUS, NY 13031

FINDS 1007802926
N/A

Site 1 of 4 in cluster C

Relative:
Higher

FINDS:

Registry ID: 110019654532

Actual:
474 ft.

Environmental Interest/Information System

FIS (New York - Facility Information System) is New York's Department of Environmental Conservation (DEC) information system for tracking environmental facility information found across the State.

C7
South
1/2-1
0.659 mi.
3479 ft.

BELLE ISLE C&D LANDFILL
6051 BELLE ISLE RD.
CAMILLUS, NY 13219

SWF/LF S106123056
N/A

Site 2 of 4 in cluster C

Relative:
Higher

SWF/LF:

Flag: INACTIVE
Region Code: 7
Phone Number: 3154884846
Owner Name: Town of Camillus
Owner Type: Municipal
Owner Address: 4600 West Genesee Street
Owner Addr2: Not reported

Actual:
474 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BELLE ISLE C&D LANDFILL (Continued)

S106123056

Owner City,St,Zip: Camillus, NY 13219
Owner Email: Not reported
Owner Phone: 3154881335
Contact Name: Not reported
Contact Address: Not reported
Contact Addr2: Not reported
Contact City,St,Zip: Not reported
Contact Email: Not reported
Contact Phone: Not reported
Activity Desc: Transfer station - registered
Activity Number: 34R02
Active: No
East Coordinate: 398379
North Coordinate: 4768459
Accuracy Code: 4.3 - Utilization of Digital Orthophoto Quads
Regulatory Status: Registration
Waste Type: Clean Fill
Authorization #: Not reported
Authorization Date: 1/27/1995
Expiration Date: Not reported

C8
South
1/2-1
0.660 mi.
3486 ft.

HONEYWELL/CAMILLUS BED #15 C&D
6051 BELLE ISLE RD.
SYRACUSE, NY
Site 3 of 4 in cluster C

SWF/LF **S105841629**
FINANCIAL ASSURANCE **N/A**

Relative:
Higher

Actual:
474 ft.

SWF/LF:
Flag: ACTIVE
Region Code: 7
Phone Number: Not reported
Owner Name: Not reported
Owner Type: Not reported
Owner Address: Not reported
Owner Addr2: Not reported
Owner City,St,Zip: Not reported
Owner Email: Not reported
Owner Phone: Not reported
Contact Name: Al Labuz
Contact Address: Honeywell
Contact Addr2: 5000 Brittonfield Parkway; Suite 700
Contact City,St,Zip: East Syracuse, NY 13057
Contact Email: Not reported
Contact Phone: Not reported
Activity Desc: Land Application -Septage and food processing - registered
Activity Number: 34L01
Active: Yes
East Coordinate: Not reported
North Coordinate: Not reported
Accuracy Code: Not reported
Regulatory Status: Registration
Waste Type: Biosolids
Authorization #: 34L01
Authorization Date: 10/9/2009
Expiration Date: Not reported

Flag: ACTIVE
Region Code: 7

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HONEYWELL/CAMILLUS BED #15 C&D (Continued)

S105841629

Phone Number: Not reported
Owner Name: Not reported
Owner Type: Not reported
Owner Address: Not reported
Owner Addr2: Not reported
Owner City,St,Zip: Not reported
Owner Email: Not reported
Owner Phone: Not reported
Contact Name: Not reported
Contact Address: Not reported
Contact Addr2: Not reported
Contact City,St,Zip: Not reported
Contact Email: Not reported
Contact Phone: Not reported
Activity Desc: Other
Activity Number: Not reported
Active: Yes
East Coordinate: Not reported
North Coordinate: Not reported
Accuracy Code: Not reported
Regulatory Status: None
Waste Type: Not reported
Authorization #: None
Authorization Date: Not reported
Expiration Date: Not reported

Flag: ACTIVE
Region Code: 7
Phone Number: Not reported
Owner Name: Not reported
Owner Type: Not reported
Owner Address: Not reported
Owner Addr2: Not reported
Owner City,St,Zip: Not reported
Owner Email: Not reported
Owner Phone: Not reported
Contact Name: Not reported
Contact Address: Not reported
Contact Addr2: Not reported
Contact City,St,Zip: Not reported
Contact Email: Not reported
Contact Phone: Not reported
Activity Desc: Other
Activity Number: Not reported
Active: Yes
East Coordinate: Not reported
North Coordinate: Not reported
Accuracy Code: Not reported
Regulatory Status: None
Waste Type: Not reported
Authorization #: None
Authorization Date: Not reported
Expiration Date: Not reported

Flag: ACTIVE
Region Code: 7
Phone Number: 3154884846

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HONEYWELL/CAMILLUS BED #15 C&D (Continued)

S105841629

Owner Name: Honeywell International; Inc.
Owner Type: Private
Owner Address: 301 Plainfield Road; Suite 330
Owner Addr2: Not reported
Owner City,St,Zip: Syracuse, NY 13212
Owner Email: Not reported
Owner Phone: 3155529700
Contact Name: Mark Pigula
Contact Address: 6051 Belle Isle Rd.
Contact Addr2: Not reported
Contact City,St,Zip: NY 13031
Contact Email: Not reported
Contact Phone: 3154884846
Activity Desc: Landfill - construction and demolition debris
Activity Number: 34D05
Active: Yes
East Coordinate: 398379
North Coordinate: 4768459
Accuracy Code: 4.3 - Utilization of Digital Orthophoto Quads
Regulatory Status: Consent Order
Waste Type: Construction & Demolition Debris
Authorization #: None
Authorization Date: Not reported
Expiration Date: Not reported

Flag: ACTIVE
Region Code: 7
Phone Number: Not reported
Owner Name: Not reported
Owner Type: Not reported
Owner Address: Not reported
Owner Addr2: Not reported
Owner City,St,Zip: Not reported
Owner Email: Not reported
Owner Phone: Not reported
Contact Name: Not reported
Contact Address: Not reported
Contact Addr2: Not reported
Contact City,St,Zip: Not reported
Contact Email: Not reported
Contact Phone: Not reported
Activity Desc: Other
Activity Number: Not reported
Active: Yes
East Coordinate: Not reported
North Coordinate: Not reported
Accuracy Code: Not reported
Regulatory Status: None
Waste Type: Not reported
Authorization #: None
Authorization Date: Not reported
Expiration Date: Not reported

Flag: ACTIVE
Region Code: 7
Phone Number: Not reported
Owner Name: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HONEYWELL/CAMILLUS BED #15 C&D (Continued)

S105841629

Owner Type: Not reported
Owner Address: Not reported
Owner Addr2: Not reported
Owner City,St,Zip: Not reported
Owner Email: Not reported
Owner Phone: Not reported
Contact Name: Not reported
Contact Address: Not reported
Contact Addr2: Not reported
Contact City,St,Zip: Not reported
Contact Email: Not reported
Contact Phone: Not reported
Activity Desc: Other
Activity Number: Not reported
Active: Yes
East Coordinate: Not reported
North Coordinate: Not reported
Accuracy Code: Not reported
Regulatory Status: None
Waste Type: Not reported
Authorization #: None
Authorization Date: Not reported
Expiration Date: Not reported

Flag: ACTIVE
Region Code: 7
Phone Number: Not reported
Owner Name: Not reported
Owner Type: Not reported
Owner Address: Not reported
Owner Addr2: Not reported
Owner City,St,Zip: Not reported
Owner Email: Not reported
Owner Phone: Not reported
Contact Name: Al Labuz
Contact Address: Honeywell
Contact Addr2: 5000 Brittonfield Parkway; Suite 700
Contact City,St,Zip: East Syracuse, NY 13057
Contact Email: Not reported
Contact Phone: Not reported
Activity Desc: Other
Activity Number: Not reported
Active: Yes
East Coordinate: Not reported
North Coordinate: Not reported
Accuracy Code: Not reported
Regulatory Status: None
Waste Type: Not reported
Authorization #: None
Authorization Date: Not reported
Expiration Date: Not reported

NY FINANCIAL ASSURANCE:

Owner Name: Honeywell International; Inc.
Region: 7
Estimate Type: Not reported
Estimate Amount: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HONEYWELL/CAMILLUS BED #15 C&D (Continued)

S105841629

Estimate Date: Not reported
Mechanism: Trust fund
Mechanism Amount: 67520.75
Financial Institution: M&T Investment Group
Issue Date: 2/17/2005
Expiration Date: Not reported
Activity Number: 34D05
Activity Description: Landfill - construction and demolition debris

Owner Name: Honeywell International; Inc.
Region: 7
Estimate Type: Not reported
Estimate Amount: Not reported
Estimate Date: Not reported
Mechanism: Trust fund
Mechanism Amount: 153259.62
Financial Institution: M&T Investment Group
Issue Date: 12/14/2005
Expiration Date: Not reported
Activity Number: 34D05
Activity Description: Landfill - construction and demolition debris

Owner Name: Honeywell International; Inc.
Region: 7
Estimate Type: Not reported
Estimate Amount: Not reported
Estimate Date: Not reported
Mechanism: Trust fund
Mechanism Amount: 105571.85000000
Financial Institution: M&T Investment Group
Issue Date: 12/6/2004
Expiration Date: Not reported
Activity Number: 34D05
Activity Description: Landfill - construction and demolition debris

Owner Name: Honeywell International; Inc.
Region: 7
Estimate Type: Not reported
Estimate Amount: Not reported
Estimate Date: Not reported
Mechanism: Trust fund
Mechanism Amount: 61903.620000000
Financial Institution: M&T Investment Group
Issue Date: 5/13/2005
Expiration Date: Not reported
Activity Number: 34D05
Activity Description: Landfill - construction and demolition debris

Owner Name: Honeywell International; Inc.
Region: 7
Estimate Type: Not reported
Estimate Amount: Not reported
Estimate Date: Not reported
Mechanism: Trust fund
Mechanism Amount: 133764.14000000
Financial Institution: M&T Investment Group
Issue Date: 3/14/2006

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HONEYWELL/CAMILLUS BED #15 C&D (Continued)

S105841629

Expiration Date: Not reported
Activity Number: 34D05
Activity Description: Landfill - construction and demolition debris

C9
South
1/2-1
0.660 mi.
3486 ft.

CAMILLUS C&D LANDFILL
6051 BELLE ISLE RD
SYRACUSE, NY 13209
Site 4 of 4 in cluster C

AST A100320236
N/A

Relative:
Higher

AST:
Region: STATE
DEC Region: 7
Site Status: Active
Facility Id: 7-601234
Program Type: PBS
UTM X: 398419.83565999998
UTM Y: 4768404.3384800004
Expiration Date: 2013/06/11

Actual:
474 ft.

Affiliation Records:
Site Id: 399053
Affiliation Type: Owner
Company Name: TOWN OF CAMILLUS
Contact Type: HIGHWAY SUPERINTENDENT
Contact Name: MARK PIGULA
Address1: 4600 WEST GENESEE ST
Address2: Not reported
City: SYRACUSE
State: NY
Zip Code: 13219
Country Code: 001
Phone: (315) 672-5556
Phone Ext: Not reported
Email: Not reported
Fax Number: Not reported
Modified By: KCKEMP
Date Last Modified: 6/11/2008

Site Id: 399053
Affiliation Type: On-Site Operator
Company Name: CAMILLUS C&D LANDFILL
Contact Type: Not reported
Contact Name: RON TROUP
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (315) 488-4846
Phone Ext: Not reported
Email: Not reported
Fax Number: Not reported
Modified By: KCKEMP
Date Last Modified: 6/11/2008

Site Id: 399053

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CAMILLUS C&D LANDFILL (Continued)

A100320236

Affiliation Type: Mail Contact
Company Name: TOWN OF CAMILLUS
Contact Type: Not reported
Contact Name: MARK PIGULA
Address1: 4334 MILTON AVE
Address2: Not reported
City: CAMILLUS
State: NY
Zip Code: 13031
Country Code: 001
Phone: (315) 672-5556
Phone Ext: Not reported
Email: Not reported
Fax Number: Not reported
Modified By: KCKEMP
Date Last Modified: 6/11/2008

Site Id: 399053
Affiliation Type: Emergency Contact
Company Name: TOWN OF CAMILLUS
Contact Type: Not reported
Contact Name: MARK PIGULA
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (315) 672-5556
Phone Ext: Not reported
Email: Not reported
Fax Number: Not reported
Modified By: KCKEMP
Date Last Modified: 6/11/2008

Equipment Records:

A00 - Tank Internal Protection - None
G10 - Tank Secondary Containment - Impervious Underlayment
C01 - Pipe Location - Aboveground
E00 - Piping Secondary Containment - None
K00 - Spill Prevention - None
J02 - Dispenser - Suction
K00 - Spill Prevention - None
D10 - Pipe Type - Copper
E10 - Piping Secondary Containment - Impervious Underlayment
H02 - Tank Leak Detection - Interstitial - Manual Monitoring
L00 - Piping Leak Detection - None
J02 - Dispenser - Suction
D00 - Pipe Type - No Piping
G00 - Tank Secondary Containment - None
A00 - Tank Internal Protection - None
G00 - Tank Secondary Containment - None
B01 - Tank External Protection - Painted/Asphalt Coating
I00 - Overfill - None
F00 - Pipe External Protection - None
J02 - Dispenser - Suction
L00 - Piping Leak Detection - None

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CAMILLUS C&D LANDFILL (Continued)

A100320236

I00 - Overfill - None
H06 - Tank Leak Detection - Impervious Barrier/Concrete Pad (A/G)
E00 - Piping Secondary Containment - None
I00 - Overfill - None
D00 - Pipe Type - No Piping
A00 - Tank Internal Protection - None
K00 - Spill Prevention - None
F00 - Pipe External Protection - None
H02 - Tank Leak Detection - Interstitial - Manual Monitoring
L00 - Piping Leak Detection - None
C00 - Pipe Location - No Piping
B01 - Tank External Protection - Painted/Asphalt Coating
F00 - Pipe External Protection - None
C00 - Pipe Location - No Piping
B01 - Tank External Protection - Painted/Asphalt Coating

Tank Info:

Tank Number: 008
Tank Id: 223529
Tank Location: 3
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Tank Model: Not reported
Pipe Model: Not reported
Install Date: 5/1/2008
Capacity Gallons: 250
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: KCKEMP
Last Modified: 6/11/2008

Tank Number: 009
Tank Id: 223530
Tank Location: 3
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Tank Model: 203
Pipe Model: Not reported
Install Date: 1/1/1995
Capacity Gallons: 500
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: KCKEMP
Last Modified: 6/11/2008

Tank Number: 010
Tank Id: 223531
Tank Location: 3
Tank Type: Steel/Carbon Steel/Iron

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

CAMILLUS C&D LANDFILL (Continued)

A100320236

Tank Status: In Service
 Tank Model: 203
 Pipe Model: Not reported
 Install Date: 1/1/1995
 Capacity Gallons: 1000
 Tightness Test Method: NN
 Date Test: Not reported
 Next Test Date: Not reported
 Date Tank Closed: Not reported
 Register: True
 Modified By: KCKEMP
 Last Modified: 6/11/2008

**10
 East
 1/2-1
 0.673 mi.
 3554 ft.**

**GERELOCK RD.
 GERELOCK RD
 SOLVAY, NY**

**NY Spills S102678112
 NY Hist Spills N/A**

**Relative:
 Higher**

NY Spills:
 Site ID: 75986
 Facility Addr2: NEAR MATTHEW
 Facility ID: 9302630
 Spill Number: 9302630
 Facility Type: ER
 SWIS: 3400
 Investigator: ROMOCKI
 Referred To: Not reported
 Spill Date: 5/24/1993
 Reported to Dept: 5/26/1993
 CID: Not reported
 Spill Cause: Other
 Water Affected: DRAINAGE DITCH
 Spill Source: Unknown
 Spill Notifier: Citizen
 Cleanup Ceased: 5/27/1993
 Cleanup Meets Std: True
 Last Inspection: Not reported
 Recommended Penalty: Penalty Not Recommended
 UST Trust: False
 Spill Class: No spill occured. No DEC Response. No corrective action required.
 Spill Closed Dt: 5/27/1993
 Remediation Phase: 0
 Date Entered In Computer: Not reported
 Spill Record Last Update: 12/2/2003
 Spiller Name: Not reported
 Spiller Company: NONE
 Spiller Address: Not reported
 Spiller City,St,Zip: NY
 Spiller Company: 999
 Contact Name: Not reported
 Contact Phone: Not reported
 DEC Region: 7
 DER Facility ID: 71091
 DEC Memo: Prior to Sept, 2004 data translation this spill Lead_DEC Field was "MR" 05/27/93: INSPECTED SITE. LOCATED "SPILL", APPEARED TO BE ALGAE/BACTERIA GROWTH.

**Actual:
 402 ft.**

Remarks: REPORT OFDARK,RUSTY COLORED MATERIAL OBSERVED IN DITCH NEAR OLD

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GERELOCK RD. (Continued)

S102678112

LANDFILL.

Material:

Site ID: 75986
Operable Unit ID: 984636
Operable Unit: 01
Material ID: 399751
Material Code: 0064A
Material Name: UNKNOWN MATERIAL
Case No.: Not reported
Material FA: Other
Quantity: 0
Units: Not reported
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:

Site ID: Not reported
Spill Tank Test: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate: Not reported
Gross Fail: Not reported
Modified By: Not reported
Last Modified: Not reported
Test Method: Not reported

NY Hist Spills:

Region of Spill: 7
Spill Number: 9302630
Investigator: MR
Caller Name: Not reported
Caller Agency: Not reported
Caller Phone: Not reported
Notifier Name: Not reported
Notifier Agency: Not reported
Notifier Phone: Not reported
Spill Date/Time: 05/24/1993 12:00
Reported to Dept Date/Time: 05/26/93 16:44
SWIS: 31
Spiller Name: NONE
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Address: Not reported
Spiller City,St,Zip: Not reported
Spill Cause: Other
Reported to Dept: Surface Water
Water Affected: DRAINAGE DITCH
Spill Source: 12
Spill Notifier: Citizen
PBS Number: Not reported
Cleanup Ceased: 05/27/93
Cleanup Meets Std: True
Last Inspection: / /

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

GERELOCK RD. (Continued)

S102678112

Recommended Penalty: Penalty Not Recommended
 Spiller Cleanup Dt: / /
 Enforcement Date: / /
 Invstgn Complete: / /
 UST Involvement: False
 Spill Class: No spill occurred. No DEC Response. No corrective action required.
 Spill Closed Dt: 05/27/93
 Corrective Action Plan Submitted: / /
 Date Region Sent Summary to Central Office: / /
 Date Spill Entered In Computer Data File: 05/27/93
 Date Spill Entered In Computer Data File: Not reported
 Update Date: / /
 Is Updated: False

Tank:

PBS Number: Not reported
 Tank Number: Not reported
 Tank Size: Not reported
 Test Method: Not reported
 Leak Rate Failed Tank: Not reported
 Gross Leak Rate: Not reported

Material:

Material Class Type: Raw Sewage
 Quantity Spilled: 0
 Unkonwn Quantity Spilled: False
 Units: Not reported
 Quantity Recovered: 0
 Unkonwn Quantity Recovered: False
 Material: UNKNOWN MATERIAL
 Class Type: UNKNOWN MATERIAL
 Times Material Entry In File: 9140
 CAS Number: Not reported
 Last Date: 19941109
 DEC Remarks: 05/27/93: INSPECTED SITE. LOCATED SPILL , APPEARED TO BE ALGEEA/BACTERIA GROWTH.
 Remark: REPORT OFDARK,RUSTY COLORED MATERIAL OBSERVED IN DITCH NEAR OLD LANDFILL.

D11
East
1/2-1
0.755 mi.
3985 ft.

BIANCHI EXCAVATING
BIANCHI EXCAVATING
SYRACUSE, NY

LTANKS S101174680
HIST LTANKS N/A

Site 1 of 2 in cluster D

Relative:
Higher

LTANKS:

Site ID: 253841
 Spill No: 9406363
 Spill Date: 8/9/1994
 Spill Cause: Tank Failure
 Spill Source: Commercial/Industrial
 Spill Class: Known release with minimal potential for fire or hazard. DEC Response.
 Willing Responsible Party. Corrective action taken.
 Spill Closed Dt: 8/6/1996
 Facility Addr2: Not reported
 Cleanup Ceased: Not reported
 Cleanup Meets Standard: True
 SWIS: 3415
 Investigator: BFMATTHE
 Referred To: Not reported
 Reported to Dept: 8/9/1994

Actual:
400 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BIANCHI EXCAVATING (Continued)

S101174680

CID: Not reported
Water Affected: Not reported
Spill Notifier: Responsible Party
Last Inspection: 8/9/1994
Recommended Penalty: Penalty Not Recommended
UST Involvement: True
Remediation Phase: 0
Date Entered In Computer: 8/20/1994
Spill Record Last Update: 8/7/1996
Spiller Name: Not reported
Spiller Company: SAME
Spiller Address: 5987 BELLE ISLE ROAD
Spiller City,St,Zip: SYRACUSE, ZZ
Spiller County: 001
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
DEC Region: 7
DER Facility ID: 207917
DEC Memo: Prior to Sept, 2004 data translation this spill Lead_DEC Field was "BM" 08/29/94: SOIL SAMPLES INDICATE SMALL HIT OF TOULENE OF 170 PPM. WILL KEEP SPILL INACTIVE AS SOME SOIL IS STAGED ON SITE. 06/10/96: SOIL HAS BEEN SPREAD OUT ON PLASTIC FOR TWO YEARS. NO HITS ON PID. TOULENE WAS ONLY CONSTITUIT THAT DID NOT MEET STARS REQUIREMENTS. SOIL USED ON SITE FOR BACKFILL.
Remarks: DURING TANK REMOVAL CONTAMINATED SOIL FOUND DURING TANK REMOVAL. SOIL SAMPLES TAKEN. 20 CU. YDS STAGED

Material:
Site ID: 253841
Operable Unit ID: 1000652
Operable Unit: 01
Material ID: 379407
Material Code: 0009
Material Name: Gasoline
Case No.: Not reported
Material FA: Petroleum
Quantity: 0
Units: Pounds
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:
Site ID: Not reported
Spill Tank Test: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate: Not reported
Gross Fail: Not reported
Modified By: Not reported
Last Modified: Not reported
Test Method: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BIANCHI EXCAVATING (Continued)

S101174680

HIST LTANKS:

Region of Spill: 7
Spill Number: 9406363
Spill Date: 08/09/1994
Spill Time: 13:30
Spill Cause: Tank Failure
Resource Affectd: On Land
Water Affected: Not reported
Spill Source: Other Commercial/Industrial
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.
Willing Responsible Party. Corrective action taken.
Spill Closed Dt: 08/06/96
Cleanup Ceased: / /
Cleanup Meets Standard: True
Investigator: BM
Caller Name: Not reported
Caller Agency: Not reported
Caller Phone: Not reported
Caller Extension: Not reported
Notifier Name: Not reported
Notifier Agency: Not reported
Notifier Phone: Not reported
Notifier Extension: Not reported
Reported to Department Date: 08/09/94
Reported to Department Time: 13:35
SWIS: 31
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
Spiller Name: SAME
Spiller Address: 5987 BELLE ISLE ROAD
Spiller City,St,Zip: SYRACUSE
Spiller Cleanup Date: 08/18/94
Facility Contact: Not reported
Facility Phone: (315) 487-2129
Facility Extention: Not reported
Spill Notifier: Responsible Party
PBS Number: Not reported
Last Inspection: 08/09/94
Recommended Penalty: Penalty Not Recommended
Enforcement Date: / /
Investigation Complete: 06/10/96
UST Involvement: True
Date Region Sent Summary to Central Office: / /
Corrective Action Plan Submitted: / /
Date Spill Entered In Computer Data File: 08/20/94
Time Spill Entered In Computer Data File: Not reported
Spill Record Last Update: 08/07/96
Is Updated: False

Tank:

PBS Number: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate Failed Tank: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BIANCHI EXCAVATING (Continued)

S101174680

Gross Leak Rate: Not reported

Material:

Material Class Type: Petroleum
Quantity Spilled: 0
Unkonwn Quantity Spilled: False
Units: Pounds
Quantity Recovered: 0
Unkonwn Quantity Recovered: False
Material: GASOLINE
Class Type: GASOLINE
Times Material Entry In File: 21329
CAS Number: Not reported
Last Date: 19940929
DEC Remarks: 08/29/94: SOIL SAMPLES INDICATE SMALL HIT OF TOULENE OF 170 PPM. WILL KEEP SPILL INACTIVE AS SOME SOIL IS STAGED ON SITE. 06/10/96: SOIL HAS BEEN SPREAD OUT ON PLASTIC FOR TWO YEARS. NO HITS ON PID. TOULENE WAS ONLY CONSTITUIT THAT DID NOT MEET STARS REQUIREMENTS. SOIL USED ON SITE FOR BACKFILL.
Spill Cause: DURING TANK REMOVAL CONTAMINATED SOIL FOUND DURING TANK REMOVAL. SOIL SAMPLES TAKEN. 20 CU. YDS STAGED

D12
East
1/2-1
0.781 mi.
4126 ft.

NYS DOT BIN 1093349
RTE 695 OVER GERELock RD
CAMILLUS, NY 13031
Site 2 of 2 in cluster D

RCRA-NonGen 1000791006
FINDS NYD987025020

Relative:
Higher

RCRA-NonGen:
Date form received by agency: 01/01/2007
Facility name: NYS DOT BIN 1093349
Facility address: RTE 695 OVER GERELock RD
CAMILLUS, NY 13031
EPA ID: NYD987025020
Contact: Not reported
Contact address: RTE 695 OVER GERELock RD
CAMILLUS, NY 13031
Contact country: US
Contact telephone: Not reported
Contact email: Not reported
EPA Region: 02
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Actual:
405 ft.

Owner/Operator Summary:
Owner/operator name: NYS DOT
Owner/operator address: 333 E WASHINGTON ST
SYRACUSE, NY 13202
Owner/operator country: US
Owner/operator telephone: (315) 428-4400
Legal status: State
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported
Owner/operator name: NYS DOT
Owner/operator address: 333 E WASHINGTON ST
SYRACUSE, NY 13202
Owner/operator country: US

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYSDOT BIN 1093349 (Continued)

1000791006

Owner/operator telephone: (315) 428-4400
Legal status: State
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler accessibility indicator: Transferred to the program or state equivalent.

Handler Activities Summary:

U.S. importer of hazardous waste: Unknown
Mixed waste (haz. and radioactive): Unknown
Recycler of hazardous waste: No
Transporter of hazardous waste: Unknown
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: Unknown
Furnace exemption: Unknown
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Commercial status unknown

Historical Generators:

Date form received by agency: 01/01/2006
Facility name: NYSDOT BIN 1093349
Classification: Not a generator, verified

Date form received by agency: 11/25/1994
Facility name: NYSDOT BIN 1093349
Classification: Not a generator, verified

Date form received by agency: 12/14/1992
Facility name: NYSDOT BIN 1093349
Classification: Large Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110008083714

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Site

Database(s)

EDR ID Number
EPA ID Number

13
NW
1/2-1
0.805 mi.
4252 ft.

**OLD COUNTY YARD
6392 AIRPORT ROAD
CAMILLUS, NY**

**NY Spills S109827500
N/A**

**Relative:
Lower**

NY Spills:

**Actual:
391 ft.**

Site ID: 416306
 Facility Addr2: Not reported
 Facility ID: 0904162
 Spill Number: 0904162
 Facility Type: ER
 SWIS: 3420
 Investigator: MJROMOCK
 Referred To: Not reported
 Spill Date: 7/9/2009
 Reported to Dept: 7/9/2009
 CID: Not reported
 Spill Cause: Equipment Failure
 Water Affected: Not reported
 Spill Source: Commercial/Industrial
 Spill Notifier: Responsible Party
 Cleanup Ceased: Not reported
 Cleanup Meets Std: False
 Last Inspection: Not reported
 Recommended Penalty: Penalty Not Recommended
 UST Trust: False
 Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
 Spill Closed Dt: 8/19/2009
 Remediation Phase: 0
 Date Entered In Computer: 7/9/2009
 Spill Record Last Update: 8/19/2009
 Spiller Name: Not reported
 Spiller Company: OLD COUNTY YARD
 Spiller Address: 6392 AIRPORT ROAD
 Spiller City,St,Zip: CAMILLUS, NY
 Spiller Company: 999
 Contact Name: GREG GELEWSKI
 Contact Phone: (315) 530-3566
 DEC Region: 7
 DER Facility ID: 365383
 DEC Memo: 07/09/09 -called OCRA. Cleanup with sorbent material. EPS to be hired to remove contaminated material. 07/10/09 - Inspected and met w/ Operations Mngr., G. Gelewski. Cleanup completed. Soil stockpiled and to be removed by EP and S.

Remarks: 1554 The caller advised dispatch the spill was due to equipment failure a pump broke down. The clean up will be conducted by OCRRA. No water ways affected.

Material:

Site ID: 416306
 Operable Unit ID: 1172619
 Operable Unit: 01
 Material ID: 2164487
 Material Code: 0008
 Material Name: Diesel
 Case No.: Not reported
 Material FA: Petroleum
 Quantity: 10

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

OLD COUNTY YARD (Continued)

S109827500

Units: Gallons
Recovered: Not reported
Resource Affected: Not reported
Oxygenate: False

Tank Test:

Site ID: Not reported
Spill Tank Test: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate: Not reported
Gross Fail: Not reported
Modified By: Not reported
Last Modified: Not reported
Test Method: Not reported

14
WNW
1/2-1
0.825 mi.
4354 ft.

**OCRRRA - AMBOY SITE
6296 AIRPORT ROAD
CAMILLUS, NY 13209**

**SWF/LF S108758354
N/A**

**Relative:
Lower**

SWF/LF:

Flag: ACTIVE
Region Code: 7
Phone Number: 3154532866
Owner Name: Not reported
Owner Type: Not reported
Owner Address: Not reported
Owner Addr2: Not reported
Owner City,St,Zip: Not reported
Owner Email: Not reported
Owner Phone: Not reported
Contact Name: Greg Gelewski
Contact Address: 100 Elwood Davis Road
Contact Addr2: Not reported
Contact City,St,Zip: North Syracuse, NY 13212
Contact Email: ggelewski@ocrra.org
Contact Phone: 3154532866
Activity Desc: Composting - source separated organic waste
Activity Number: 34C05
Active: Yes
East Coordinate: Not reported
North Coordinate: Not reported
Accuracy Code: Not reported
Regulatory Status: Not reported
Waste Type: Food Processing Waste;Yard Waste;Food Scraps
Authorization #: 34C05
Authorization Date: Not reported
Expiration Date: Not reported

Flag: ACTIVE
Region Code: 7
Phone Number: 3154532866
Owner Name: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

OCRRA - AMBOY SITE (Continued)

S108758354

Owner Type: Not reported
 Owner Address: Not reported
 Owner Addr2: Not reported
 Owner City,St,Zip: Not reported
 Owner Email: Not reported
 Owner Phone: Not reported
 Contact Name: Greg Gelewski
 Contact Address: 100 Elwood Davis Road
 Contact Addr2: Not reported
 Contact City,St,Zip: North Syracuse, NY 13212
 Contact Email: ggelewski@ocrra.org
 Contact Phone: 3154532866
 Activity Desc: Composting - yard waste - registered
 Activity Number: 34Y01
 Active: Yes
 East Coordinate: Not reported
 North Coordinate: Not reported
 Accuracy Code: Not reported
 Regulatory Status: Not reported
 Waste Type: Not reported
 Authorization #: 34Y01
 Authorization Date: Not reported
 Expiration Date: Not reported

**E15
 WNW
 1/2-1
 0.846 mi.
 4467 ft.**

**ROBERT SPENCE
 AIRPORT & WARNERS RD
 CAMILLUS, NY**

**LTANKS S100492616
 HIST LTANKS N/A**

Site 1 of 2 in cluster E

**Relative:
 Lower**

LTANKS:

Site ID: 231346
 Spill No: 9213632
 Spill Date: 3/9/1993
 Spill Cause: Tank Failure
 Spill Source: Institutional, Educational, Gov., Other
 Spill Class: Known release with minimal potential for fire or hazard. DEC Response.
 Willing Responsible Party. Corrective action taken.
 Spill Closed Dt: 3/31/1993
 Facility Addr2: Not reported
 Cleanup Ceased: 3/31/1993
 Cleanup Meets Standard: False
 SWIS: 3420
 Investigator: CFMANNES
 Referred To: Not reported
 Reported to Dept: 3/9/1993
 CID: Not reported
 Water Affected: Not reported
 Spill Notifier: Other
 Last Inspection: Not reported
 Recommended Penalty: Penalty Not Recommended
 UST Involvement: True
 Remediation Phase: 0
 Date Entered In Computer: 4/12/1993
 Spill Record Last Update: 1/9/1995
 Spiller Name: Not reported
 Spiller Company: ROBERT D. SPENCE
 Spiller Address: Not reported

**Actual:
 390 ft.**

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ROBERT SPENCE (Continued)

S100492616

Spiller City,St,Zip: ZZ
Spiller County: 001
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
DEC Region: 7
DER Facility ID: 190664
DEC Memo: Prior to Sept, 2004 data translation this spill Lead_DEC Field was "CM"

Remarks: 550 TANK-OLD GAS "SWISS CHEESE" ALL OVER REQUESTED 8021,8270 & LEAD, SOIL- CINDERS, SILT-ORANGE, SAND ON BOTTOM/2-3' BELOW TANK BOTTOM.

Material:

Site ID: 231346
Operable Unit ID: 980937
Operable Unit: 01
Material ID: 403400
Material Code: 0009
Material Name: Gasoline
Case No.: Not reported
Material FA: Petroleum
Quantity: 0
Units: Gallons
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:

Site ID: Not reported
Spill Tank Test: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate: Not reported
Gross Fail: Not reported
Modified By: Not reported
Last Modified: Not reported
Test Method: Not reported

HIST LTANKS:

Region of Spill: 7
Spill Number: 9213632
Spill Date: 03/09/1993
Spill Time: 10:00
Spill Cause: Tank Failure
Resource Affectd: On Land
Water Affected: Not reported
Spill Source: Other Non Commercial/Industrial
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt: 03/31/93
Cleanup Ceased: 03/31/93
Cleanup Meets Standard: False
Investigator: CM
Caller Name: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ROBERT SPENCE (Continued)

S100492616

Caller Agency: Not reported
Caller Phone: Not reported
Caller Extension: Not reported
Notifier Name: Not reported
Notifier Agency: Not reported
Notifier Phone: Not reported
Notifier Extension: Not reported
Reported to Department Date: 03/09/93
Reported to Department Time: 10:45
SWIS: 31
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extension: Not reported
Spiller Name: ROBERT D. SPENCE
Spiller Address: Not reported
Spiller City,St,Zip: Not reported
Spiller Cleanup Date: / /
Facility Contact: Not reported
Facility Phone: Not reported
Facility Extension: Not reported
Spill Notifier: Other
PBS Number: Not reported
Last Inspection: / /
Recommended Penalty: Penalty Not Recommended
Enforcement Date: / /
Investigation Complete: / /
UST Involvement: True
Date Region Sent Summary to Central Office: / /
Corrective Action Plan Submitted: / /
Date Spill Entered In Computer Data File: 04/12/93
Time Spill Entered In Computer Data File: Not reported
Spill Record Last Update: 01/09/95
Is Updated: False

Tank:

PBS Number: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported

Material:

Material Class Type: Petroleum
Quantity Spilled: 0
Unkonwn Quantity Spilled: False
Units: Gallons
Quantity Recovered: 0
Unkonwn Quantity Recovered: False
Material: GASOLINE
Class Type: GASOLINE
Times Material Entry In File: 21329
CAS Number: Not reported
Last Date: 19940929
DEC Remarks: Not reported
Spill Cause: 550 TANK-OLD GAS SWISS CHEESE ALL OVER REQUESTED 8021,8270 LEAD, SOIL-CINDERS, SILT-ORANGE, SAND ON BOTTOM/2-3 BELOW TANK BOTTOM.

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Site

Database(s)

EDR ID Number
EPA ID Number

16
NNW
1/2-1
0.849 mi.
4484 ft.

ARMSTRONG ROAD
3701 ARMSTRONG ROAD
SYRACUSE, NY

NY Spills **S108982662**
N/A

Relative:
Lower

NY Spills:

Actual:
391 ft.

Site ID: 393032
 Facility Addr2: Not reported
 Facility ID: 0711533
 Spill Number: 0711533
 Facility Type: ER
 SWIS: 3432
 Investigator: menash
 Referred To: Not reported
 Spill Date: 2/1/2008
 Reported to Dept: 2/1/2008
 CID: 444
 Spill Cause: Other
 Water Affected: Not reported
 Spill Source: Private Dwelling
 Spill Notifier: Other
 Cleanup Ceased: Not reported
 Cleanup Meets Std: False
 Last Inspection: 2/3/2008
 Recommended Penalty: Penalty Not Recommended
 UST Trust: False
 Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
 Spill Closed Dt: 2/4/2008
 Remediation Phase: 0
 Date Entered In Computer: 2/1/2008
 Spill Record Last Update: 2/4/2008
 Spiller Name: AVERY
 Spiller Company: Not reported
 Spiller Address: 3701 ARMSTRONG ROAD
 Spiller City,St,Zip: SYRACUSE, NY
 Spiller Company: 001
 Contact Name: AVERY
 Contact Phone: (315) 487-7039
 DEC Region: 7
 DER Facility ID: 342644
 DEC Memo: Supplied RP with pads. Clean up complete.
 Remarks: POSSIBLE LEAKING TANK AT ABOVE ADDRESS

Material:

Site ID: 393032
 Operable Unit ID: 1150007
 Operable Unit: 01
 Material ID: 2140569
 Material Code: 0001
 Material Name: #2 Fuel Oil
 Case No.: Not reported
 Material FA: Petroleum
 Quantity: 0
 Units: Gallons
 Recovered: No
 Resource Affected: Not reported
 Oxygenate: False

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ARMSTRONG ROAD (Continued)

S108982662

Tank Test:
Site ID: Not reported
Spill Tank Test: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate: Not reported
Gross Fail: Not reported
Modified By: Not reported
Last Modified: Not reported
Test Method: Not reported

F17
SSE
1/2-1
0.867 mi.
4580 ft.

DUKE'S PLUMBING
5987 BELLE ISLE RD
SYRACUSE, NY 13209
Site 1 of 3 in cluster F

NY Spills S110140371
N/A

Relative:
Higher

Actual:
493 ft.

NY Spills:
Site ID: 425004
Facility Addr2: Not reported
Facility ID: 0912132
Spill Number: 0912132
Facility Type: ER
SWIS: 3420
Investigator: KCKEMP
Referred To: Not reported
Spill Date: 2/18/2010
Reported to Dept: 2/18/2010
CID: Not reported
Spill Cause: Housekeeping
Water Affected: NONE
Spill Source: Non Major Facility > 1,100 gal
Spill Notifier: Police Department
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: Penalty Not Recommended
UST Trust: False
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.
Willing Responsible Party. Corrective action taken.
Spill Closed Dt: 4/22/2010
Remediation Phase: 0
Date Entered In Computer: 2/19/2010
Spill Record Last Update: 4/22/2010
Spiller Name: BILL DUKE
Spiller Company: DUKE'S PLUMBING
Spiller Address: 5987 BELLE ISLE RD
Spiller City,St,Zip: SYRACUSE, NY 13209
Spiller Company: 999
Contact Name: WILLIAM DUKE
Contact Phone: (315) 475-4169
DEC Region: 7
DER Facility ID: 373914
DEC Memo: Diesel and antifreeze leaking to ground from dumpster.
Remarks: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DUKE'S PLUMBING (Continued)

S110140371

Material:

Site ID: 425004
Operable Unit ID: 1180740
Operable Unit: 01
Material ID: 2174729
Material Code: 0008
Material Name: Diesel
Case No.: Not reported
Material FA: Petroleum
Quantity: 2
Units: Gallons
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:

Site ID: Not reported
Spill Tank Test: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate: Not reported
Gross Fail: Not reported
Modified By: Not reported
Last Modified: Not reported
Test Method: Not reported

F18
SSE
1/2-1
0.867 mi.
4580 ft.

BIANCHI EXCAVATING, INC.
5987 BELLE ISLE RD.
SYRACUSE, NY 13209
Site 2 of 3 in cluster F

HIST UST **U003313513**
AST **N/A**
HIST AST

Relative:
Higher

HIST UST:

Actual:
493 ft.

PBS Number: 7-424471
SPDES Number: Not reported
Emergency Contact: PATSY BIANCHI
Emergency Telephone: (315) 487-5431
Operator: NEW TENANT
Operator Telephone: (315) 487-5431
Owner Name: PATSY BIANCHI
Owner Address: 601 SCARBORO DRIVE
Owner City,St,Zip: SYRACUSE, NY 13209
Owner Telephone: (315) 487-5431
Owner Type: Corporate/Commercial
Owner Subtype: Not reported
Mailing Name: PATSY BIANCHI
Mailing Address: 601 SCARBORO DRIVE
Mailing Address 2: Not reported
Mailing City,St,Zip: SYRACUSE, NY 13209
Mailing Contact: Not reported
Mailing Telephone: (315) 487-5431
Owner Mark: First Owner
Facility Status: 1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BIANCHI EXCAVATING, INC. (Continued)

U003313513

Facility Addr2: Not reported
SWIS ID: 3115
Old PBS Number: Not reported
Facility Type: OTHER
Inspected Date: Not reported
Inspector: Not reported
Inspection Result: Not reported
Federal ID: Not reported
Certification Flag: False
Certification Date: 11/21/2001
Expiration Date: 09/19/2002
Renew Flag: False
Renewal Date: Not reported
Total Capacity: 4700
FAMT: True
Facility Screen: No Missing Data
Owner Screen: No Missing Data
Tank Screen: No Missing Data
Dead Letter: False
CBS Number: Not reported
Town or City: SYRACUSE (C)
County Code: 31
Town or City: 15
Region: 7

Tank Id: 001
Tank Location: UNDERGROUND
Tank Status: Closed-Removed
Install Date: 19780601
Capacity (gals): 1000
Product Stored: UNLEADED GASOLINE
Tank Type: Steel/carbon steel
Tank Internal: Not reported
Tank External: Not reported
Pipe Location: Not reported
Pipe Type: GALVANIZED STEEL
Pipe Internal: Not reported
Pipe External: Not reported
Second Containment: None
Leak Detection: None
Overfill Prot: Not reported
Dispenser: Suction
Date Tested: Not reported
Next Test Date: Not reported
Missing Data for Tank: Minor Data Missing
Date Closed: 08/01/1994
Test Method: Not reported
Deleted: False
Updated: True
Lat/long: Not reported

Tank Id: 002
Tank Location: UNDERGROUND
Tank Status: Closed-Removed
Install Date: 19770601
Capacity (gals): 6000

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BIANCHI EXCAVATING, INC. (Continued)

U003313513

Product Stored: NOS 1,2, OR 4 FUEL OIL
Tank Type: Steel/carbon steel
Tank Internal: Not reported
Tank External: Not reported
Pipe Location: Not reported
Pipe Type: GALVANIZED STEEL
Pipe Internal: Not reported
Pipe External: Not reported
Second Containment: None
Leak Detection: None
Overfill Prot: Not reported
Dispenser: Submersible
Date Tested: 08/01/1989
Next Test Date: Not reported
Missing Data for Tank: Minor Data Missing
Date Closed: 08/01/1994
Test Method: Horner EZ Check
Deleted: False
Updated: True
Lat/long: Not reported

AST:

Region: STATE
DEC Region: 7
Site Status: Administratively Closed
Facility Id: 7-424471
Program Type: PBS
UTM X: 398497.51594999997
UTM Y: 4768256.9746099999
Expiration Date: N/A

Affiliation Records:

Site Id: 45739
Affiliation Type: Mail Contact
Company Name: PATSY BIANCHI
Contact Type: Not reported
Contact Name: Not reported
Address1: 601 SCARBORO DRIVE
Address2: Not reported
City: SYRACUSE
State: NY
Zip Code: 13209
Country Code: 001
Phone: (315) 487-5431
Phone Ext: Not reported
Email: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Site Id: 45739
Affiliation Type: On-Site Operator
Company Name: BIANCHI EXCAVATING, INC.
Contact Type: Not reported
Contact Name: NEW TENANT
Address1: Not reported
Address2: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BIANCHI EXCAVATING, INC. (Continued)

U003313513

City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (315) 487-5431
Phone Ext: Not reported
Email: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Site Id: 45739
Affiliation Type: Owner
Company Name: PATSY BIANCHI
Contact Type: Not reported
Contact Name: Not reported
Address1: 601 SCARBORO DRIVE
Address2: Not reported
City: SYRACUSE
State: NY
Zip Code: 13209
Country Code: 001
Phone: (315) 487-5431
Phone Ext: Not reported
Email: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Site Id: 45739
Affiliation Type: Emergency Contact
Company Name: PATSY BIANCHI
Contact Type: Not reported
Contact Name: PATSY BIANCHI
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (315) 487-5431
Phone Ext: Not reported
Email: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Equipment Records:

G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction
I03 - Overfill - Automatic Shut-Off
D02 - Pipe Type - Galvanized Steel
D02 - Pipe Type - Galvanized Steel
J02 - Dispenser - Suction
B00 - Tank External Protection - None
A00 - Tank Internal Protection - None
A00 - Tank Internal Protection - None

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BIANCHI EXCAVATING, INC. (Continued)

U003313513

- F00 - Pipe External Protection - None
- H00 - Tank Leak Detection - None
- I00 - Overfill - None
- G00 - Tank Secondary Containment - None
- B00 - Tank External Protection - None
- H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
- C01 - Pipe Location - Aboveground
- H00 - Tank Leak Detection - None
- C01 - Pipe Location - Aboveground
- J02 - Dispenser - Suction
- G00 - Tank Secondary Containment - None
- A00 - Tank Internal Protection - None
- I00 - Overfill - None
- C00 - Pipe Location - No Piping
- L09 - Piping Leak Detection - Exempt Suction Piping
- B00 - Tank External Protection - None
- F00 - Pipe External Protection - None
- D00 - Pipe Type - No Piping
- D02 - Pipe Type - Galvanized Steel
- J01 - Dispenser - Submersible
- F00 - Pipe External Protection - None
- A00 - Tank Internal Protection - None
- C01 - Pipe Location - Aboveground
- D02 - Pipe Type - Galvanized Steel
- H00 - Tank Leak Detection - None
- G01 - Tank Secondary Containment - Diking (Aboveground)
- H00 - Tank Leak Detection - None
- D02 - Pipe Type - Galvanized Steel
- B00 - Tank External Protection - None
- J02 - Dispenser - Suction
- C00 - Pipe Location - No Piping
- F00 - Pipe External Protection - None
- I03 - Overfill - Automatic Shut-Off
- F00 - Pipe External Protection - None
- B00 - Tank External Protection - None
- A00 - Tank Internal Protection - None
- A00 - Tank Internal Protection - None
- A00 - Tank Internal Protection - None
- I03 - Overfill - Automatic Shut-Off
- G00 - Tank Secondary Containment - None
- D02 - Pipe Type - Galvanized Steel
- B00 - Tank External Protection - None
- I00 - Overfill - None
- B00 - Tank External Protection - None
- C01 - Pipe Location - Aboveground
- H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
- J02 - Dispenser - Suction
- H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
- I00 - Overfill - None
- G00 - Tank Secondary Containment - None
- J02 - Dispenser - Suction
- G01 - Tank Secondary Containment - Diking (Aboveground)
- C00 - Pipe Location - No Piping
- F00 - Pipe External Protection - None
- F00 - Pipe External Protection - None

Tank Info:

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BIANCHI EXCAVATING, INC. (Continued)

U003313513

Tank Number: 001
Tank Id: 222987
Tank Location: 3
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Closed - Removed
Tank Model: Not reported
Pipe Model: Not reported
Install Date: Not reported
Capacity Gallons: 500
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: 2/19/2010
Register: True
Modified By: KCKEMP
Last Modified: 2/19/2010

Tank Number: 002
Tank Id: 222988
Tank Location: 3
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Tank Model: Not reported
Pipe Model: Not reported
Install Date: Not reported
Capacity Gallons: 500
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: KCKEMP
Last Modified: 2/19/2010

Tank Number: 003
Tank Id: 131680
Tank Location: 3
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Closed - Removed
Tank Model: Not reported
Pipe Model: Not reported
Install Date: 8/1/1994
Capacity Gallons: 1000
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: 6/1/2001
Register: True
Modified By: TRANSLAT
Last Modified: 3/4/2004

Tank Number: 003
Tank Id: 222989
Tank Location: 3

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BIANCHI EXCAVATING, INC. (Continued)

U003313513

Tank Type: Steel/Carbon Steel/Iron
Tank Status: Closed - Removed
Tank Model: Not reported
Pipe Model: Not reported
Install Date: Not reported
Capacity Gallons: 275
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: 2/19/2010
Register: True
Modified By: KCKEMP
Last Modified: 2/19/2010

Tank Number: 004
Tank Id: 222990
Tank Location: 3
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Closed - Removed
Tank Model: Not reported
Pipe Model: Not reported
Install Date: Not reported
Capacity Gallons: 275
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: 2/19/2010
Register: True
Modified By: KCKEMP
Last Modified: 2/19/2010

Tank Number: 004
Tank Id: 131681
Tank Location: 3
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Closed - Removed
Tank Model: Not reported
Pipe Model: Not reported
Install Date: 7/1/1977
Capacity Gallons: 275
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: 10/1/2001
Register: True
Modified By: TRANSLAT
Last Modified: 3/4/2004

Tank Number: 005
Tank Id: 222991
Tank Location: 3
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Tank Model: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BIANCHI EXCAVATING, INC. (Continued)

U003313513

Pipe Model: Not reported
Install Date: Not reported
Capacity Gallons: 200
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: KCKEMP
Last Modified: 2/19/2010

Tank Number: 005
Tank Id: 131682
Tank Location: 3
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Closed - Removed
Tank Model: Not reported
Pipe Model: Not reported
Install Date: 3/1/1986
Capacity Gallons: 275
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: TRANSLAT
Last Modified: 3/4/2004

Tank Number: 006
Tank Id: 136642
Tank Location: 3
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Closed - Removed
Tank Model: Not reported
Pipe Model: Not reported
Install Date: 8/1/1994
Capacity Gallons: 1000
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: 6/1/2001
Register: True
Modified By: TRANSLAT
Last Modified: 3/4/2004

Tank Number: 006
Tank Id: 222992
Tank Location: 3
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Closed - Removed
Tank Model: Not reported
Pipe Model: Not reported
Install Date: Not reported
Capacity Gallons: 5000

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BIANCHI EXCAVATING, INC. (Continued)

U003313513

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: 2/19/2010
Register: True
Modified By: KCKEMP
Last Modified: 2/19/2010

Tank Number: 008
Tank Id: 138314
Tank Location: 3
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Administratively Closed
Tank Model: Not reported
Pipe Model: Not reported
Install Date: 10/1/1994
Capacity Gallons: 4700
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: KCKEMP
Last Modified: 5/16/2008

Affiliation Records:

Site Id: 397808
Affiliation Type: On-Site Operator
Company Name: DUKES PLUMBING AND SEWER SERVICE INC
Contact Type: Not reported
Contact Name: WILLIAM DUKE
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: Not reported
Phone Ext: Not reported
Email: Not reported
Fax Number: Not reported
Modified By: KCKEMP
Date Last Modified: 5/15/2008

Site Id: 397808
Affiliation Type: Emergency Contact
Company Name: DUKES PLUMBING AND SEWER SERVICE INC
Contact Type: Not reported
Contact Name: WILLIAM DUKE
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BIANCHI EXCAVATING, INC. (Continued)

U003313513

Phone Ext: Not reported
Email: Not reported
Fax Number: Not reported
Modified By: KCKEMP
Date Last Modified: 5/15/2008

Site Id: 397808
Affiliation Type: Mail Contact
Company Name: DUKES PLUMBING AND SEWER SERVICE INC
Contact Type: PRESIDENT
Contact Name: WILLIAM DUKE
Address1: 5987 BELLE ISLE RD
Address2: Not reported
City: SYRACUSE
State: NY
Zip Code: 13209-9624
Country Code: 001
Phone: Not reported
Phone Ext: Not reported
Email: Not reported
Fax Number: Not reported
Modified By: KCKEMP
Date Last Modified: 6/30/2008

Site Id: 397808
Affiliation Type: Owner
Company Name: DUKES PLUMBING AND SEWER SERVICE INC
Contact Type: PRESIDENT
Contact Name: WILLIAM DUKE
Address1: 5987 BELLE ISLE RD
Address2: Not reported
City: SYRACUSE
State: NY
Zip Code: 13209-9624
Country Code: 001
Phone: Not reported
Phone Ext: Not reported
Email: Not reported
Fax Number: Not reported
Modified By: KCKEMP
Date Last Modified: 6/30/2008

Equipment Records:

J02 - Dispenser - Suction
G01 - Tank Secondary Containment - Diking (Aboveground)
A00 - Tank Internal Protection - None
K02 - Spill Prevention - Transfer Station Containment
J02 - Dispenser - Suction
D00 - Pipe Type - No Piping
A00 - Tank Internal Protection - None
E00 - Piping Secondary Containment - None
K02 - Spill Prevention - Transfer Station Containment
L00 - Piping Leak Detection - None
G01 - Tank Secondary Containment - Diking (Aboveground)
G10 - Tank Secondary Containment - Impervious Underlayment
E00 - Piping Secondary Containment - None
E00 - Piping Secondary Containment - None

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BIANCHI EXCAVATING, INC. (Continued)

U003313513

- A00 - Tank Internal Protection - None
- J02 - Dispenser - Suction
- B01 - Tank External Protection - Painted/Asphalt Coating
- I04 - Overfill - Product Level Gauge (A/G)
- D00 - Pipe Type - No Piping
- F00 - Pipe External Protection - None
- G01 - Tank Secondary Containment - Diking (Aboveground)
- A00 - Tank Internal Protection - None
- J02 - Dispenser - Suction
- K02 - Spill Prevention - Transfer Station Containment
- C00 - Pipe Location - No Piping
- D00 - Pipe Type - No Piping
- F00 - Pipe External Protection - None
- I04 - Overfill - Product Level Gauge (A/G)
- H06 - Tank Leak Detection - Impervious Barrier/Concrete Pad (A/G)
- K02 - Spill Prevention - Transfer Station Containment
- C00 - Pipe Location - No Piping
- I04 - Overfill - Product Level Gauge (A/G)
- C00 - Pipe Location - No Piping
- J02 - Dispenser - Suction
- D00 - Pipe Type - No Piping
- E00 - Piping Secondary Containment - None
- D00 - Pipe Type - No Piping
- H06 - Tank Leak Detection - Impervious Barrier/Concrete Pad (A/G)
- G10 - Tank Secondary Containment - Impervious Underlayment
- A00 - Tank Internal Protection - None
- G10 - Tank Secondary Containment - Impervious Underlayment
- J02 - Dispenser - Suction
- A00 - Tank Internal Protection - None
- H06 - Tank Leak Detection - Impervious Barrier/Concrete Pad (A/G)
- E00 - Piping Secondary Containment - None
- B01 - Tank External Protection - Painted/Asphalt Coating
- B01 - Tank External Protection - Painted/Asphalt Coating
- E00 - Piping Secondary Containment - None
- L00 - Piping Leak Detection - None
- H06 - Tank Leak Detection - Impervious Barrier/Concrete Pad (A/G)
- K02 - Spill Prevention - Transfer Station Containment
- F00 - Pipe External Protection - None
- L00 - Piping Leak Detection - None
- D00 - Pipe Type - No Piping
- L00 - Piping Leak Detection - None
- H06 - Tank Leak Detection - Impervious Barrier/Concrete Pad (A/G)
- K02 - Spill Prevention - Transfer Station Containment
- H06 - Tank Leak Detection - Impervious Barrier/Concrete Pad (A/G)
- L00 - Piping Leak Detection - None
- L00 - Piping Leak Detection - None
- B01 - Tank External Protection - Painted/Asphalt Coating
- I04 - Overfill - Product Level Gauge (A/G)
- F00 - Pipe External Protection - None
- C00 - Pipe Location - No Piping
- C00 - Pipe Location - No Piping
- C00 - Pipe Location - No Piping
- B01 - Tank External Protection - Painted/Asphalt Coating
- F00 - Pipe External Protection - None
- I04 - Overfill - Product Level Gauge (A/G)
- I04 - Overfill - Product Level Gauge (A/G)
- B01 - Tank External Protection - Painted/Asphalt Coating

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BIANCHI EXCAVATING, INC. (Continued)

U003313513

F00 - Pipe External Protection - None

Tank Info:

Tank Number: 001
Tank Id: 222987
Tank Location: 3
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Closed - Removed
Tank Model: Not reported
Pipe Model: Not reported
Install Date: Not reported
Capacity Gallons: 500
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: 2/19/2010
Register: True
Modified By: KCKEMP
Last Modified: 2/19/2010

Tank Number: 002
Tank Id: 222988
Tank Location: 3
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Tank Model: Not reported
Pipe Model: Not reported
Install Date: Not reported
Capacity Gallons: 500
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: KCKEMP
Last Modified: 2/19/2010

Tank Number: 003
Tank Id: 131680
Tank Location: 3
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Closed - Removed
Tank Model: Not reported
Pipe Model: Not reported
Install Date: 8/1/1994
Capacity Gallons: 1000
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: 6/1/2001
Register: True
Modified By: TRANSLAT
Last Modified: 3/4/2004

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BIANCHI EXCAVATING, INC. (Continued)

U003313513

Tank Number: 003
Tank Id: 222989
Tank Location: 3
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Closed - Removed
Tank Model: Not reported
Pipe Model: Not reported
Install Date: Not reported
Capacity Gallons: 275
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: 2/19/2010
Register: True
Modified By: KCKEMP
Last Modified: 2/19/2010

Tank Number: 004
Tank Id: 222990
Tank Location: 3
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Closed - Removed
Tank Model: Not reported
Pipe Model: Not reported
Install Date: Not reported
Capacity Gallons: 275
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: 2/19/2010
Register: True
Modified By: KCKEMP
Last Modified: 2/19/2010

Tank Number: 004
Tank Id: 131681
Tank Location: 3
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Closed - Removed
Tank Model: Not reported
Pipe Model: Not reported
Install Date: 7/1/1977
Capacity Gallons: 275
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: 10/1/2001
Register: True
Modified By: TRANSLAT
Last Modified: 3/4/2004

Tank Number: 005
Tank Id: 222991
Tank Location: 3

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BIANCHI EXCAVATING, INC. (Continued)

U003313513

Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Tank Model: Not reported
Pipe Model: Not reported
Install Date: Not reported
Capacity Gallons: 200
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: KCKEMP
Last Modified: 2/19/2010

Tank Number: 005
Tank Id: 131682
Tank Location: 3
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Closed - Removed
Tank Model: Not reported
Pipe Model: Not reported
Install Date: 3/1/1986
Capacity Gallons: 275
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: TRANSLAT
Last Modified: 3/4/2004

Tank Number: 006
Tank Id: 136642
Tank Location: 3
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Closed - Removed
Tank Model: Not reported
Pipe Model: Not reported
Install Date: 8/1/1994
Capacity Gallons: 1000
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: 6/1/2001
Register: True
Modified By: TRANSLAT
Last Modified: 3/4/2004

Tank Number: 006
Tank Id: 222992
Tank Location: 3
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Closed - Removed
Tank Model: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BIANCHI EXCAVATING, INC. (Continued)

U003313513

Pipe Model: Not reported
Install Date: Not reported
Capacity Gallons: 5000
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: 2/19/2010
Register: True
Modified By: KCKEMP
Last Modified: 2/19/2010

Tank Number: 008
Tank Id: 138314
Tank Location: 3
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Administratively Closed
Tank Model: Not reported
Pipe Model: Not reported
Install Date: 10/1/1994
Capacity Gallons: 4700
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: KCKEMP
Last Modified: 5/16/2008

HIST AST:

PBS Number: 7-424471
SWIS Code: 3115
Operator: NEW TENANT
Facility Phone: (315) 487-5431
Facility Addr2: Not reported
Facility Type: OTHER
Emergency: PATSY BIANCHI
Emergency Tel: (315) 487-5431
Old PBSNO: Not reported
Date Inspected: Not reported
Inspector: Not reported
Result of Inspection: Not reported
Owner Name: PATSY BIANCHI
Owner Address: 601 SCARBORO DRIVE
Owner City,St,Zip: SYRACUSE, NY 13209
Federal ID: Not reported
Owner Tel: (315) 487-5431
Owner Type: Corporate/Commercial
Owner Subtype: Not reported
Mailing Contact: Not reported
Mailing Name: PATSY BIANCHI
Mailing Address: 601 SCARBORO DRIVE
Mailing Address 2: Not reported
Mailing City,St,Zip: SYRACUSE, NY 13209
Mailing Telephone: (315) 487-5431
Owner Mark: First Owner
Facility Status: 1 - Active PBS facility, i.e. total capacity of the PBS tanks is

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BIANCHI EXCAVATING, INC. (Continued)

U003313513

greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.

Certification Flag: False
Certification Date: 11/21/2001
Expiration: 09/19/2002
Renew Flag: False
Renew Date: Not reported
Total Capacity: 4700
FAMT: True
Facility Screen: No Missing Data
Owner Screen: No Missing Data
Tank Screen: No Missing Data
Dead Letter: False
CBS Number: Not reported
Town or City: SYRACUSE (C)
County Code: 31
Town or City Code: 15
Region: 7

Tank ID: 003
Tank Location: ABOVEGROUND ON SADDLES LEGS, STILTS, RACK, OR CRADLE
Tank Status: Closed-Removed
Install Date: 19940801
Capacity (Gal): 1000
Product Stored: DIESEL
Tank Type: Steel/carbon steel
Tank Internal: Not reported
Tank External: Not reported
Pipe Location: Aboveground
Pipe Type: GALVANIZED STEEL
Pipe Internal: Not reported
Pipe External: Not reported
Tank Containment: 08
Leak Detection: 01
Overfill Protection: 03
Dispenser Method: Suction
Date Tested: Not reported
Next Test Date: Not reported
Missing Data for Tank: Minor Data Missing
Date Closed: 06/01/2001
Test Method: Not reported
Deleted: False
Updated: True
SPDES Number: Not reported
Lat/Long: Not reported

Tank ID: 004
Tank Location: ABOVEGROUND ON SADDLES LEGS, STILTS, RACK, OR CRADLE
Tank Status: Closed-Removed
Install Date: 19770701
Capacity (Gal): 275
Product Stored: UNLEADED GASOLINE
Tank Type: Steel/carbon steel
Tank Internal: Not reported
Tank External: Not reported
Pipe Location: Aboveground

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BIANCHI EXCAVATING, INC. (Continued)

U003313513

Pipe Type: GALVANIZED STEEL
Pipe Internal: Not reported
Pipe External: Not reported
Tank Containment: None
Leak Detection: 01
Overfill Protection: 03
Dispenser Method: Suction
Date Tested: Not reported
Next Test Date: Not reported
Missing Data for Tank: Minor Data Missing
Date Closed: 10/01/2001
Test Method: Not reported
Deleted: False
Updated: True
SPDES Number: Not reported
Lat/Long: Not reported

Tank ID: 005
Tank Location: ABOVEGROUND ON SADDLES LEGS, STILTS, RACK, OR CRADLE
Tank Status: Closed-Removed
Install Date: 19860301
Capacity (Gal): 275
Product Stored: UNKNOWN
Tank Type: Steel/carbon steel
Tank Internal: Not reported
Tank External: Not reported
Pipe Location: Not reported
Pipe Type: GALVANIZED STEEL
Pipe Internal: Not reported
Pipe External: Not reported
Tank Containment: None
Leak Detection: 0
Overfill Protection: Not reported
Dispenser Method: Suction
Date Tested: Not reported
Next Test Date: Not reported
Missing Data for Tank: Minor Data Missing
Date Closed: Not reported
Test Method: Not reported
Deleted: False
Updated: True
SPDES Number: Not reported
Lat/Long: Not reported

Tank ID: 006
Tank Location: ABOVEGROUND ON SADDLES LEGS, STILTS, RACK, OR CRADLE
Tank Status: Closed-Removed
Install Date: 19940801
Capacity (Gal): 1000
Product Stored: NOS 1,2, OR 4 FUEL OIL
Tank Type: Steel/carbon steel
Tank Internal: Not reported
Tank External: Not reported
Pipe Location: Aboveground
Pipe Type: GALVANIZED STEEL

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

BIANCHI EXCAVATING, INC. (Continued)

U003313513

Pipe Internal: Not reported
 Pipe External: Not reported
 Tank Containment: 08
 Leak Detection: 01
 Overfill Protection: 03
 Dispenser Method: Suction
 Date Tested: Not reported
 Next Test Date: Not reported
 Missing Data for Tank: Minor Data Missing
 Date Closed: 06/01/2001
 Test Method: Not reported
 Deleted: False
 Updated: True
 SPDES Number: Not reported
 Lat/Long: Not reported

Tank ID: 008
 Tank Location: ABOVEGROUND ON SADDLES LEGS, STILTS, RACK, OR CRADLE
 Tank Status: In Service
 Install Date: 19941001
 Capacity (Gal): 4700
 Product Stored: USED OIL (FUEL)
 Tank Type: Steel/carbon steel
 Tank Internal: 0
 Tank External: 00
 Pipe Location: Aboveground
 Pipe Type: NONE
 Pipe Internal: None
 Pipe External: 00
 Tank Containment: None
 Leak Detection: 00
 Overfill Protection: 00
 Dispenser Method: Suction
 Date Tested: Not reported
 Next Test Date: Not reported
 Missing Data for Tank: No Missing Data
 Date Closed: Not reported
 Test Method: Not reported
 Deleted: False
 Updated: True
 SPDES Number: Not reported
 Lat/Long: Not reported

F19
SSE
1/2-1
0.867 mi.
4580 ft.

BIANCHI EXCAVATING, INC.
5987 BELLE ISLE RD
SYRACUSE, NY 13209
Site 3 of 3 in cluster F

UST U004079832
N/A

Relative:
Higher

UST:
 Facility Id: 7-424471
 Region: STATE
 DEC Region: 7
 Site Status: Administratively Closed
 Program Type: PBS
 Expiration Date: N/A
 UTM X: 398497.5159499997

Actual:
493 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BIANCHI EXCAVATING, INC. (Continued)

U004079832

UTM Y: 4768256.9746099999

Affiliation Records:

Site Id: 45739
Affiliation Type: Mail Contact
Company Name: PATSY BIANCHI
Contact Type: Not reported
Contact Name: Not reported
Address1: 601 SCARBORO DRIVE
Address2: Not reported
City: SYRACUSE
State: NY
Zip Code: 13209
Country Code: 001
Phone: (315) 487-5431
Phone Ext: Not reported
Email: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Site Id: 45739
Affiliation Type: On-Site Operator
Company Name: BIANCHI EXCAVATING, INC.
Contact Type: Not reported
Contact Name: NEW TENANT
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (315) 487-5431
Phone Ext: Not reported
Email: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Site Id: 45739
Affiliation Type: Owner
Company Name: PATSY BIANCHI
Contact Type: Not reported
Contact Name: Not reported
Address1: 601 SCARBORO DRIVE
Address2: Not reported
City: SYRACUSE
State: NY
Zip Code: 13209
Country Code: 001
Phone: (315) 487-5431
Phone Ext: Not reported
Email: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Site Id: 45739

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BIANCHI EXCAVATING, INC. (Continued)

U004079832

Affiliation Type: Emergency Contact
Company Name: PATSY BIANCHI
Contact Type: Not reported
Contact Name: PATSY BIANCHI
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (315) 487-5431
Phone Ext: Not reported
Email: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Equipment Records:

G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction
I03 - Overfill - Automatic Shut-Off
D02 - Pipe Type - Galvanized Steel
D02 - Pipe Type - Galvanized Steel
J02 - Dispenser - Suction
B00 - Tank External Protection - None
A00 - Tank Internal Protection - None
A00 - Tank Internal Protection - None
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
G00 - Tank Secondary Containment - None
B00 - Tank External Protection - None
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
C01 - Pipe Location - Aboveground
H00 - Tank Leak Detection - None
C01 - Pipe Location - Aboveground
J02 - Dispenser - Suction
G00 - Tank Secondary Containment - None
A00 - Tank Internal Protection - None
I00 - Overfill - None
C00 - Pipe Location - No Piping
L09 - Piping Leak Detection - Exempt Suction Piping
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
D00 - Pipe Type - No Piping
D02 - Pipe Type - Galvanized Steel
J01 - Dispenser - Submersible
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
C01 - Pipe Location - Aboveground
D02 - Pipe Type - Galvanized Steel
H00 - Tank Leak Detection - None
G01 - Tank Secondary Containment - Diking (Aboveground)
H00 - Tank Leak Detection - None
D02 - Pipe Type - Galvanized Steel
B00 - Tank External Protection - None
J02 - Dispenser - Suction

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BIANCHI EXCAVATING, INC. (Continued)

U004079832

- C00 - Pipe Location - No Piping
- F00 - Pipe External Protection - None
- I03 - Overfill - Automatic Shut-Off
- F00 - Pipe External Protection - None
- B00 - Tank External Protection - None
- A00 - Tank Internal Protection - None
- A00 - Tank Internal Protection - None
- A00 - Tank Internal Protection - None
- I03 - Overfill - Automatic Shut-Off
- G00 - Tank Secondary Containment - None
- D02 - Pipe Type - Galvanized Steel
- B00 - Tank External Protection - None
- I00 - Overfill - None
- B00 - Tank External Protection - None
- C01 - Pipe Location - Aboveground
- H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
- J02 - Dispenser - Suction
- H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
- I00 - Overfill - None
- G00 - Tank Secondary Containment - None
- J02 - Dispenser - Suction
- G01 - Tank Secondary Containment - Diking (Aboveground)
- C00 - Pipe Location - No Piping
- F00 - Pipe External Protection - None
- F00 - Pipe External Protection - None

Tank Info:

Site ID: 45739

Tank Number: 001
Tank ID: 131678
Tank Status: Closed - Removed
Tank Model: Not reported
Pipe Model: Not reported
Install Date: 6/1/1978
Capacity Gallons: 1000
Tightness Test Method: NN
Next Test Date: Not reported
Date Tank Closed: 8/1/1994
Tank Location: 5
Tank Type: Steel/carbon steel
Date Test: Not reported
Register: True
Modified By: TRANSLAT
Last Modified: 3/4/2004

Site ID: 45739

Tank Number: 002
Tank ID: 131679
Tank Status: Closed - Removed
Tank Model: Not reported
Pipe Model: Not reported
Install Date: 6/1/1977
Capacity Gallons: 6000
Tightness Test Method: 03
Next Test Date: Not reported
Date Tank Closed: 8/1/1994

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

BIANCHI EXCAVATING, INC. (Continued)

U004079832

Tank Location: 5
 Tank Type: Steel/carbon steel
 Date Test: 8/1/1989
 Register: True
 Modified By: TRANSLAT
 Last Modified: 3/4/2004

E20
WNW
 1/2-1
 0.884 mi.
 4666 ft.

NYSDOT
AIRPORT RD&SOUTH DEY RD.
SYRACUSE, NY

LTANKS **S100158223**
HIST LTANKS **N/A**

Site 2 of 2 in cluster E

Relative:
Lower

LTANKS:

Actual:
388 ft.

Site ID: 202052
 Spill No: 8710897
 Spill Date: 3/29/1988
 Spill Cause: Tank Test Failure
 Spill Source: Institutional, Educational, Gov., Other
 Spill Class: Not reported
 Spill Closed Dt: 3/22/1989
 Facility Addr2: Not reported
 Cleanup Ceased: 3/20/1989
 Cleanup Meets Standard: True
 SWIS: 3415
 Investigator: AJMARSCH
 Referred To: Not reported
 Reported to Dept: 3/29/1988
 CID: Not reported
 Water Affected: Not reported
 Spill Notifier: Tank Tester
 Last Inspection: Not reported
 Recommended Penalty: Penalty Not Recommended
 UST Involvement: True
 Remediation Phase: 0
 Date Entered In Computer: 4/1/1988
 Spill Record Last Update: 3/22/1989
 Spiller Name: Not reported
 Spiller Company: BERNIE SALSBUY
 Spiller Address: Not reported
 Spiller City,St,Zip: ZZ
 Spiller County: 001
 Spiller Contact: Not reported
 Spiller Phone: Not reported
 Spiller Extention: Not reported
 DEC Region: 7
 DER Facility ID: 168077
 DEC Memo: Prior to Sept, 2004 data translation this spill Lead_DEC Field was "JM" 03/22/89: THIS WAS THE RETEST. SEE SPILL # 87-10641 FOR ORIGINAL TEST. THE LINE WAS REPAIRED. THE TANK IS TIGHT. THE SYSTEM IS BACK IN SERVICE.
 Remarks: 4000 GAL TANK -.137 GPH ACTION UNKNOWN

Material:

Site ID: 202052
 Operable Unit ID: 915659
 Operable Unit: 01

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYS DOT (Continued)

S100158223

Material ID: 462646
Material Code: 0008
Material Name: Diesel
Case No.: Not reported
Material FA: Petroleum
Quantity: 0
Units: Gallons
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:

Site ID: Not reported
Spill Tank Test: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate: Not reported
Gross Fail: Not reported
Modified By: Not reported
Last Modified: Not reported
Test Method: Not reported

HIST LTANKS:

Region of Spill: 7
Spill Number: 8710897
Spill Date: 03/29/1988
Spill Time: 17:45
Spill Cause: Tank Test Failure
Resource Affectd: Groundwater
Water Affected: Not reported
Spill Source: Other Non Commercial/Industrial
Spill Class: Not reported
Spill Closed Dt: 03/22/89
Cleanup Ceased: 03/20/89
Cleanup Meets Standard: True
Investigator: JM
Caller Name: Not reported
Caller Agency: Not reported
Caller Phone: Not reported
Caller Extension: Not reported
Notifier Name: Not reported
Notifier Agency: Not reported
Notifier Phone: Not reported
Notifier Extension: Not reported
Reported to Department Date: 03/29/88
Reported to Department Time: 18:10
SWIS: 31
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
Spiller Name: BERNIE SALSBUARY
Spiller Address: Not reported
Spiller City,St,Zip: Not reported
Spiller Cleanup Date: / /

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYS DOT (Continued)

S100158223

Facility Contact: Not reported
Facility Phone: (315) 458-1910
Facility Extention: Not reported
Spill Notifier: Tank Tester
PBS Number: Not reported
Last Inspection: / /
Recommended Penalty: Penalty Not Recommended
Enforcement Date: / /
Investigation Complete: / /
UST Involvement: True
Date Region Sent Summary to Central Office: / /
Corrective Action Plan Submitted: / /
Date Spill Entered In Computer Data File: 04/01/88
Time Spill Entered In Computer Data File: Not reported
Spill Record Last Update: 03/22/89
Is Updated: False

Tank:

PBS Number: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported

Material:

Material Class Type: Petroleum
Quantity Spilled: 0
Unkonwn Quantity Spilled: False
Units: Gallons
Quantity Recovered: 0
Unkonwn Quantity Recovered: False
Material: DIESEL
Class Type: DIESEL
Times Material Entry In File: 10625
CAS Number: Not reported
Last Date: 19940728
DEC Remarks: 03/22/89: THIS WAS THE RETEST. SEE SPILL 87-10641 FOR ORIGINAL TEST. THE LINE WAS REPAIRED. THE TANK IS TIGHT. THE SYSTEM IS BACK IN SERVICE.
Spill Cause: 4000 GAL TANK -.137 GPH ACTION UNKNOWN

21
WNW
1/2-1
0.997 mi.
5262 ft.

**CAMILLUS DOT GARAGE
AIRPORT ROAD
AMBOY (CAMILLUS), NY**

**LTANKS S100129239
HIST LTANKS N/A**

**Relative:
Higher**

LTANKS:
Site ID: 66440
Spill No: 8706677
Spill Date: 11/5/1987
Spill Cause: Tank Test Failure
Spill Source: Institutional, Educational, Gov., Other
Spill Class: Not reported
Spill Closed Dt: 12/7/1987
Facility Addr2: Not reported
Cleanup Ceased: 12/7/1987
Cleanup Meets Standard: True

**Actual:
402 ft.**

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CAMILLUS DOT GARAGE (Continued)

S100129239

SWIS: 3400
Investigator: AJMARSCH
Referred To: Not reported
Reported to Dept: 11/5/1987
CID: Not reported
Water Affected: Not reported
Spill Notifier: Tank Tester
Last Inspection: Not reported
Recommended Penalty: Penalty Not Recommended
UST Involvement: True
Remediation Phase: 0
Date Entered In Computer: 12/1/1987
Spill Record Last Update: 6/14/1988
Spiller Name: Not reported
Spiller Company: ONONDAGA COUNTY
Spiller Address: Not reported
Spiller City,St,Zip: NY
Spiller County: 999
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
DEC Region: 7
DER Facility ID: 63610
DEC Memo: Prior to Sept, 2004 data translation this spill Lead_DEC Field was "JM" // : WILL EXCAVATE, ISOLATE AND RETEST. // : WILL EXCAVATE, ISOLATE AND RETEST. TESTED AGAIN ON 11/06/87 & HAD FAILURE RATE OF .047 IN LINE. NEW PIPING TO BE INSTALLED. // : PIPING WAS NOT REPLACED. TANK IS TIGHT. PIPING AND TANK REMOVED ON 11/21/87.TE OF .047 IN LINE. NEW PIPING TO BE INSTALLED.
Remarks: 5,000 GAL TANK. UNKNOWN FAILURE RATE.

Material:

Site ID: 66440
Operable Unit ID: 910386
Operable Unit: 01
Material ID: 465681
Material Code: 0009
Material Name: Gasoline
Case No.: Not reported
Material FA: Petroleum
Quantity: 0
Units: Not reported
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:

Site ID: Not reported
Spill Tank Test: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate: Not reported
Gross Fail: Not reported
Modified By: Not reported
Last Modified: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CAMILLUS DOT GARAGE (Continued)

S100129239

Test Method: Not reported

HIST LTANKS:

Region of Spill: 7
Spill Number: 8706677
Spill Date: 11/05/1987
Spill Time: 20:30
Spill Cause: Tank Test Failure
Resource Affectd: Groundwater
Water Affected: Not reported
Spill Source: Other Non Commercial/Industrial
Spill Class: Not reported
Spill Closed Dt: 12/07/87
Cleanup Ceased: 12/07/87
Cleanup Meets Standard: True
Investigator: JM
Caller Name: Not reported
Caller Agency: Not reported
Caller Phone: Not reported
Caller Extension: Not reported
Notifier Name: Not reported
Notifier Agency: Not reported
Notifier Phone: Not reported
Notifier Extension: Not reported
Reported to Department Date: 11/05/87
Reported to Department Time: 20:52
SWIS: 31
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
Spiller Name: ONONDAGA COUNTY
Spiller Address: Not reported
Spiller City,St,Zip: Not reported
Spiller Cleanup Date: / /
Facility Contact: Not reported
Facility Phone: Not reported
Facility Extention: Not reported
Spill Notifier: Tank Tester
PBS Number: Not reported
Last Inspection: / /
Recommended Penalty: Penalty Not Recommended
Enforcement Date: / /
Investigation Complete: / /
UST Involvement: True
Date Region Sent Summary to Central Office: / /
Corrective Action Plan Submitted: / /
Date Spill Entered In Computer Data File: 12/01/87
Time Spill Entered In Computer Data File: Not reported
Spill Record Last Update: 06/14/88
Is Updated: False

Tank:

PBS Number: Not reported
Tank Number: Not reported
Tank Size: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CAMILLUS DOT GARAGE (Continued)

S100129239

Test Method: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported

Material:

Material Class Type: Petroleum
Quantity Spilled: 0
Unkonwn Quantity Spilled: False
Units: Not reported
Quantity Recovered: 0
Unkonwn Quantity Recovered: False
Material: GASOLINE
Class Type: GASOLINE
Times Material Entry In File: 21329
CAS Number: Not reported
Last Date: 19940929

DEC Remarks: / / : WILL EXCAVATE, ISOLATE AND RETEST. / / : WILL EXCAVATE, ISOLATE AND RETEST. TESTED AGAIN ON 11/06/87 HAD FAILURE RATE OF .047 IN LINE. NEW PIPING TO BE INSTALLED. / / : PIPING WAS NOT REPLACED. TANK IS TIGHT. PIPING AND TANK REMOVED ON 11/21/87. TE OF .047 IN LINE. NEW PIPING TO BE INSTALLED.

Spill Cause: 5,000 GAL TANK. UNKNOWN FAILURE RATE.

22
NNE
> 1
1.063 mi.
5614 ft.

**ARMSTRONG ROAD
280 ARMSTRONG
SYRACUSE, NY**

**NY Spills S103567400
NY Hist Spills N/A**

Relative:
Higher

NY Spills:

Site ID: 276064
Facility Addr2: Not reported
Facility ID: 9301705
Spill Number: 9301705
Facility Type: ER
SWIS: 3415
Investigator: CFMANNES
Referred To: Not reported
Spill Date: 5/5/1993
Reported to Dept: 5/6/1993
CID: Not reported
Spill Cause: Other
Water Affected: Not reported
Spill Source: Commercial/Industrial
Spill Notifier: Affected Persons
Cleanup Ceased: 12/31/1993
Cleanup Meets Std: True
Last Inspection: Not reported
Recommended Penalty: Penalty Recommended
UST Trust: False
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt: 12/31/1993
Remediation Phase: 0
Date Entered In Computer: 5/17/1993
Spill Record Last Update: 1/9/1995
Spiller Name: Not reported
Spiller Company: LABARGE BROTHERS
Spiller Address: 5947 E. MOLLOY ROAD

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ARMSTRONG ROAD (Continued)

S103567400

Spiller City,St,Zip: SYRACUSE, NY 13211
Spiller Company: 001
Contact Name: Not reported
Contact Phone: Not reported
DEC Region: 7
DER Facility ID: 224443
DEC Memo: Prior to Sept, 2004 data translation this spill Lead_DEC Field was

"CM" 05/07/93: MR. POLIFRONI HAD A FILL WANTED SIGN OUT NEAR THE ROAD, LABARGE UNLOAD APPROX. 60CUYDS. OF PETROLEUM CONTAMINATED SOIL, ORIGINATING FROM 300 BRIDGE STREET IN SOLVAY,(BALLARD CONSTRUCTION).
09/28/95: This is additional information about material spilled from the translation of the old spill file: PETRO-CONTAM. SOIL.
Remarks: HIRED LABARGE BROS. FOR FILL WHICH THEY DELIVERED YEASTERDAY. THERE IS A VERY STRONG PETROLEUM ODOR TO IT. SOME ONE WILL BE HOME AFTER 2:30. REFER TO SPILL NO. 9301737 FOR MORE INFO.

Material:

Site ID: 276064
Operable Unit ID: 983736
Operable Unit: 01
Material ID: 398871
Material Code: 0066A
Material Name: UNKNOWN PETROLEUM
Case No.: Not reported
Material FA: Petroleum
Quantity: 0
Units: Pounds
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:

Site ID: Not reported
Spill Tank Test: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate: Not reported
Gross Fail: Not reported
Modified By: Not reported
Last Modified: Not reported
Test Method: Not reported

NY Hist Spills:

Region of Spill: 7
Spill Number: 9301705
Investigator: CM
Caller Name: Not reported
Caller Agency: Not reported
Caller Phone: Not reported
Notifier Name: Not reported
Notifier Agency: Not reported
Notifier Phone: Not reported
Spill Date/Time: 05/05/1993 12:00
Reported to Dept Date/Time: 05/06/93 11:30
SWIS: 31

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ARMSTRONG ROAD (Continued)

S103567400

Spiller Name: LABARGE BROTHERS
Spiller Contact: Not reported
Spiller Phone: (315) 454-4441
Spiller Address: 5947 E. MOLLOY ROAD
Spiller City,St,Zip: SYRACUSE, NY 13211
Spill Cause: Other
Reported to Dept: On Land
Water Affected: Not reported
Spill Source: 01
Spill Notifier: Affected Persons
PBS Number: Not reported
Cleanup Ceased: 12/31/93
Cleanup Meets Std: True
Last Inspection: / /
Recommended Penalty: Penalty Recommended
Spiller Cleanup Dt: 05/08/93
Enforcement Date: / /
Invstgn Complete: / /
UST Involvement: False
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.
Willing Responsible Party. Corrective action taken.
Spill Closed Dt: 12/31/93
Corrective Action Plan Submitted: / /
Date Region Sent Summary to Central Office: / /
Date Spill Entered In Computer Data File: 05/17/93
Date Spill Entered In Computer Data File: Not reported
Update Date: 01/09/95
Is Updated: False

Tank:

PBS Number: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported

Material:

Material Class Type: Petroleum
Quantity Spilled: 0
Unkonwn Quantity Spilled: False
Units: Pounds
Quantity Recovered: 0
Unkonwn Quantity Recovered: False
Material: UNKNOWN PETROLEUM
Class Type: UNKNOWN PETROLEUM
Times Material Entry In File: 16414
CAS Number: Not reported
Last Date: 19940929

DEC Remarks: 05/07/93: MR. POLIFRONI HAD A FILL WANTED SIGN OUT NEAR THE ROAD, LABARGE UNLOAD APPROX. 60CUYDS. OF PETROLEUM CONTAMINATED SOIL, ORIGINATING FROM 300 BRIDGE STREET IN SOLVAY, BALLARD CONSTRUCTION). 09/28/95: This is additional information about material spilled from the translation of the old spill file: PETRO-CONTAM. SOIL.

Remark: HIRED LABARGE BROS. FOR FILL WHICH THEY DELIVERED YEASTERDAY. THERE IS A VERY STRONG PETROLEUM ODOR TO IT. SOME ONE WILL BE HOME AFTER 2:30. REFER TO SPILL NO. 9301737 FOR MORE INFO.

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Site

Database(s)

EDR ID Number
EPA ID Number

23
SSE
> 1
1.108 mi.
5852 ft.

HORNADY DR
306 HORNADY DR
CAMILLUS, NY

NY Spills **S102168141**
NY Hist Spills **N/A**

Relative:
Higher

NY Spills:

Actual:
479 ft.

Site ID: 140552
 Facility Addr2: Not reported
 Facility ID: 9509090
 Spill Number: 9509090
 Facility Type: ER
 SWIS: 3400
 Investigator: HDWARNER
 Referred To: Not reported
 Spill Date: 10/23/1995
 Reported to Dept: 10/23/1995
 CID: 349
 Spill Cause: Unknown
 Water Affected: Not reported
 Spill Source: Unknown
 Spill Notifier: Fire Department
 Cleanup Ceased: Not reported
 Cleanup Meets Std: False
 Last Inspection: 10/23/1995
 Recommended Penalty: Penalty Not Recommended
 UST Trust: False
 Spill Class: Possible release with minimal potential for fire or hazard or Known release with no damage. No DEC Response. No corrective action required.
 Spill Closed Dt: 10/30/1995
 Remediation Phase: 0
 Date Entered In Computer: 10/23/1995
 Spill Record Last Update: 12/12/1995
 Spiller Name: Not reported
 Spiller Company: UNKNOWN
 Spiller Address: Not reported
 Spiller City,St,Zip: NY
 Spiller Company: 999
 Contact Name: Not reported
 Contact Phone: Not reported
 DEC Region: 7
 DER Facility ID: 120030
 DEC Memo: Prior to Sept, 2004 data translation this spill Lead_DEC Field was "HW" 10-30-95: SITE VISIT UNCOVERED SLIGHT PETROLEUM ODOR AT STORM WATER OUTFALL. HEAVY RAINS MUST HAVE WASHED SOME RESIDUAL OUT OF SYSTEM. NO RECOVERABLE CONTAMINATION, PROPERTY OWNER WILL MONITOR.

Remarks:

IN REAR OF HOUSES - SMELLS LIKE PAINT THINNER

Material:

Site ID: 140552
 Operable Unit ID: 1019658
 Operable Unit: 01
 Material ID: 360056
 Material Code: 0064A
 Material Name: UNKNOWN MATERIAL
 Case No.: Not reported
 Material FA: Other
 Quantity: 0
 Units: Gallons

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HORNADY DR (Continued)

S102168141

Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:

Site ID: Not reported
Spill Tank Test: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate: Not reported
Gross Fail: Not reported
Modified By: Not reported
Last Modified: Not reported
Test Method: Not reported

NY Hist Spills:

Region of Spill: 7
Spill Number: 9509090
Investigator: HW
Caller Name: Not reported
Caller Agency: Not reported
Caller Phone: Not reported
Notifier Name: Not reported
Notifier Agency: Not reported
Notifier Phone: Not reported
Spill Date/Time: 10/23/1995 18:00
Reported to Dept Date/Time: 10/23/95 18:30
SWIS: 31
Spiller Name: UNKNOWN
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Address: Not reported
Spiller City,St,Zip: Not reported
Spill Cause: Unknown
Reported to Dept: On Land
Water Affected: Not reported
Spill Source: 12
Spill Notifier: Fire Department
PBS Number: Not reported
Cleanup Ceased: / /
Cleanup Meets Std: False
Last Inspection: 10/23/95
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Dt: / /
Enforcement Date: / /
Invstgn Complete: / /
UST Involvement: False
Spill Class: Possible release with minimal potential for fire or hazard or Known release with no damage. No DEC Response. No corrective action required.
Spill Closed Dt: 10/30/95
Corrective Action Plan Submitted: / /
Date Region Sent Summary to Central Office: / /
Date Spill Entered In Computer Data File: 10/23/95

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HORNADY DR (Continued)

S102168141

Date Spill Entered In Computer Data File: Not reported
Update Date: 12/12/95
Is Updated: False

Tank:
PBS Number: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported

Material:
Material Class Type: Petroleum
Quantity Spilled: 0
Unkonwn Quantity Spilled: True
Units: Gallons
Quantity Recovered: 0
Unkonwn Quantity Recovered: False
Material: UNKNOWN MATERIAL
Class Type: UNKNOWN MATERIAL
Times Material Entry In File: 9140
CAS Number: Not reported
Last Date: 19941109
DEC Remarks: 10-30-95: SITE VISIT UNCOVERED SLIGHT PETROLEUM ODOR AT STORM WATER OUTFALL.
HEAVY RAINS MUST HAVE WASHED SOME RESIDUAL OUT OF SYSTEM. NO RECOVERABLE
CONTAMINATION, PROPERTY OWNER WILL MONITOR.
Remark: IN REAR OF HOUSES - SMELLS LIKE PAINT THINNER

24
East
> 1
1.113 mi.
5877 ft.

ALLIED CHEMICAL WASTE BEDS 12-15
BELLE ISLE ROAD
GEDDES, NY 13209

SWF/LF S105842431
N/A

Relative:
Lower

SWF/LF:
Flag: INACTIVE
Region Code: 7
Phone Number: 3154314443
Owner Name: Not reported
Owner Type: Not reported
Owner Address: Not reported
Owner Addr2: Not reported
Owner City,St,Zip: Not reported
Owner Email: Not reported
Owner Phone: Not reported
Contact Name: Not reported
Contact Address: Not reported
Contact Addr2: Not reported
Contact City,St,Zip: Not reported
Contact Email: Not reported
Contact Phone: Not reported
Activity Desc: Landfill - industrial/commercial
Activity Number: 34N21
Active: No
East Coordinate: 400045
North Coordinate: 4769269
Accuracy Code: Not reported
Regulatory Status: None

Actual:
379 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ALLIED CHEMICAL WASTE BEDS 12-15 (Continued)

S105842431

Waste Type: Construction & Demolition Debris;Sewage Treatment Plant Sludge;Ash (Coal-Bottom);Ash (Coal-Fly);Brine (Calcium Chloride);Water (Waste);Solvay process waste
Authorization #: Not reported
Authorization Date: Not reported
Expiration Date: 8/19/1985

**G25
WSW
> 1
1.120 mi.
5911 ft.**

**GUY SALVATERRA
3475 WARNERS RD
CAMILLUS, NY**

**NY Spills S103275642
NY Hist Spills N/A**

Site 1 of 2 in cluster G

**Relative:
Higher**

NY Spills:

**Actual:
404 ft.**

Site ID: 257279
Facility Addr2: Not reported
Facility ID: 9804100
Spill Number: 9804100
Facility Type: ER
SWIS: 3420
Investigator: CFMANNES
Referred To: Not reported
Spill Date: 7/1/1998
Reported to Dept: 7/1/1998
CID: 384
Spill Cause: Housekeeping
Water Affected: Not reported
Spill Source: Gasoline Station
Spill Notifier: Other
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: 8/15/1998
Recommended Penalty: Penalty Not Recommended
UST Trust: True
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt: 9/21/2000
Remediation Phase: 0
Date Entered In Computer: 7/1/1998
Spill Record Last Update: 9/22/2000
Spiller Name: GUY SALVATERRA
Spiller Company: GUY SALVATERRA
Spiller Address: 3475 WARNERS RD
Spiller City,St,Zip: CAMILLUS, NY 13031-001
Contact Name: GUY SALVATERRA
Contact Phone: (315) 487-7427
DEC Region: 7
DER Facility ID: 210657
DEC Memo: Prior to Sept, 2004 data translation this spill Lead_DEC Field was "CM"

Remarks: WHILE REMOVING OLD TANKS CALLER DISCOVERED GROUND CONTAMINATION. CALLER IS NOW DIGGING UP TANKS AND WILL BE DOING CLEAN UP.

Material:

Site ID: Not reported
Operable Unit ID: Not reported
Operable Unit: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GUY SALVATERRA (Continued)

S103275642

Material ID: Not reported
Material Code: Not reported
Material Name: Not reported
Case No.: Not reported
Material FA: Not reported
Quantity: Not reported
Units: Not reported
Recovered: Not reported
Resource Affected: Not reported
Oxygenate: Not reported

Tank Test:

Site ID: Not reported
Spill Tank Test: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate: Not reported
Gross Fail: Not reported
Modified By: Not reported
Last Modified: Not reported
Test Method: Not reported

NY Hist Spills:

Region of Spill: 7
Spill Number: 9804100
Investigator: CM
Caller Name: Not reported
Caller Agency: Not reported
Caller Phone: Not reported
Notifier Name: Not reported
Notifier Agency: Not reported
Notifier Phone: Not reported
Spill Date/Time: 07/01/1998 09:00
Reported to Dept Date/Time: 07/01/98 09:07
SWIS: 31
Spiller Name: GUY SALVATERRA
Spiller Contact: GUY SALVATERRA
Spiller Phone: (315) 487-7427
Spiller Contact: GUY SALVATERRA
Spiller Phone: (315) 487-7427
Spiller Address: 3475 WARNERS RD
Spiller City,St,Zip: CAMILLUS, NY 13031-
Spill Cause: Housekeeping
Reported to Dept: On Land
Water Affected: Not reported
Spill Source: 05
Spill Notifier: Other
PBS Number: Not reported
Cleanup Ceased: / /
Cleanup Meets Std: False
Last Inspection: 08/15/98
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Dt: / /
Enforcement Date: / /

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GUY SALVATERRA (Continued)

S103275642

Invstgn Complete: / /
UST Involvement: True
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.
Willing Responsible Party. Corrective action taken.
Spill Closed Dt: 09/21/00
Corrective Action Plan Submitted: / /
Date Region Sent Summary to Central Office: / /
Date Spill Entered In Computer Data File: 07/01/98
Date Spill Entered In Computer Data File: Not reported
Update Date: 09/22/00
Is Updated: False

Tank:
PBS Number: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported

Material:
Material Class Type: Not reported
Quantity Spilled: Not reported
Unkonwn Quantity Spilled: Not reported
Units: Not reported
Quantity Recovered: Not reported
Unkonwn Quantity Recovered: Not reported
Material: Not reported
Class Type: Not reported
Times Material Entry In File: Not reported
CAS Number: Not reported
Last Date: Not reported
DEC Remarks: Not reported
Remark: WHILE REMOVING OLD TANKS CALLER DISCOVERED GROUND CONTAMINATION. CALLER IS NOW DIGGING UP TANKS AND WILL BE DOING CLEAN UP.

G26
WSW
> 1
1.120 mi.
5913 ft.

3475 WARNERS RD
WARNERS, NY
Site 2 of 2 in cluster G

NY Spills S105234848
NY Hist Spills N/A

Relative:
Higher

NY Spills:
Site ID: 257278
Facility Addr2: Not reported
Facility ID: 0107809
Spill Number: 0107809
Facility Type: ER
SWIS: 3400
Investigator: CFMANNES
Referred To: Not reported
Spill Date: 10/31/2001
Reported to Dept: 10/31/2001
CID: 396
Spill Cause: Unknown
Water Affected: Not reported
Spill Source: Unknown
Spill Notifier: Other
Cleanup Ceased: Not reported

Actual:
404 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

(Continued)

S105234848

Cleanup Meets Std: False
Last Inspection: 11/2/2001
Recommended Penalty: Penalty Not Recommended
UST Trust: False
Spill Class: Possible release with minimal potential for fire or hazard or Known release with no damage. No DEC Response. No corrective action required.
Spill Closed Dt: 12/7/2001
Remediation Phase: 0
Date Entered In Computer: 10/31/2001
Spill Record Last Update: 12/7/2001
Spiller Name: Not reported
Spiller Company: UNKNOWN
Spiller Address: Not reported
Spiller City,St,Zip: ZZ -
Spiller Company: 001
Contact Name: CHRIS READ
Contact Phone: (315) 428-3631
DEC Region: 7
DER Facility ID: 281854
DEC Memo: Prior to Sept, 2004 data translation this spill Lead_DEC Field was "CM"
Remarks: found underground pipe that poss was for fuel dispencing...they are working at an old gas station. local dec office has been notified.

Material:

Site ID: 257278
Operable Unit ID: 845843
Operable Unit: 01
Material ID: 529071
Material Code: 0064A
Material Name: UNKNOWN MATERIAL
Case No.: Not reported
Material FA: Other
Quantity: 0
Units: Gallons
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:

Site ID: Not reported
Spill Tank Test: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate: Not reported
Gross Fail: Not reported
Modified By: Not reported
Last Modified: Not reported
Test Method: Not reported

NY Hist Spills:

Region of Spill: 7
Spill Number: 0107809
Investigator: CM

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

(Continued)

S105234848

Caller Name: Not reported
Caller Agency: Not reported
Caller Phone: Not reported
Notifier Name: Not reported
Notifier Agency: Not reported
Notifier Phone: Not reported
Spill Date/Time: 10/31/2001 10:30
Reported to Dept Date/Time: 10/31/01 11:03
SWIS: 31
Spiller Name: UNKNOWN
Spiller Contact: Not reported
Spiller Phone: () -
Spiller Contact: CHRIS READ
Spiller Phone: (315) 428-3631
Spiller Address: Not reported
Spiller City,St,Zip: -
Spill Cause: Unknown
Reported to Dept: On Land
Water Affected: Not reported
Spill Source: 12
Spill Notifier: Other
PBS Number: Not reported
Cleanup Ceased: / /
Cleanup Meets Std: False
Last Inspection: 11/02/01
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Dt: / /
Enforcement Date: / /
Invstgn Complete: / /
UST Involvement: False
Spill Class: Possible release with minimal potential for fire or hazard or Known release with no damage. No DEC Response. No corrective action required.
Spill Closed Dt: 12/07/01
Corrective Action Plan Submitted: / /
Date Region Sent Summary to Central Office: / /
Date Spill Entered In Computer Data File: 10/31/01
Date Spill Entered In Computer Data File: Not reported
Update Date: 12/07/01
Is Updated: False
Tank:
PBS Number: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported
Material:
Material Class Type: Raw Sewage
Quantity Spilled: 0
Unkonwn Quantity Spilled: True
Units: Gallons
Quantity Recovered: 0
Unkonwn Quantity Recovered: False
Material: UNKNOWN MATERIAL
Class Type: UNKNOWN MATERIAL

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

(Continued)

S105234848

Times Material Entry In File: 9140
CAS Number: Not reported
Last Date: 19941109
DEC Remarks: Not reported
Remark: found underground pipe that poss was for fuel dispencing...they are working at an old gas station. local dec office has been notified.

H27
NNE
> 1
1.131 mi.
5974 ft.

BOCHINO RESIDENCE
157 ARMSTRONG ROAD
LAKELAND, NY

NY Spills S102126149
NY Hist Spills N/A

Site 1 of 4 in cluster H

Relative:
Higher

NY Spills:

Actual:
422 ft.

Site ID: 108203
Facility Addr2: Not reported
Facility ID: 9502916
Spill Number: 9502916
Facility Type: ER
SWIS: 3400
Investigator: CFMANNES
Referred To: Not reported
Spill Date: 6/5/1995
Reported to Dept: 6/5/1995
CID: Not reported
Spill Cause: Housekeeping
Water Affected: Not reported
Spill Source: Private Dwelling
Spill Notifier: Affected Persons
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: 6/5/1995
Recommended Penalty: Penalty Not Recommended
UST Trust: False
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt: 10/31/1995
Remediation Phase: 0
Date Entered In Computer: 6/8/1995
Spill Record Last Update: 11/28/1997
Spiller Name: Not reported
Spiller Company: NEIGHBOR
Spiller Address: ARMSTRONG RD
Spiller City,St,Zip: LAKELAND, ZZ
Spiller Company: 001
Contact Name: Not reported
Contact Phone: Not reported
DEC Region: 7
DER Facility ID: 95116
DEC Memo: Prior to Sept, 2004 data translation this spill Lead_DEC Field was "CM" 06/05/95: I INFORMED MR. BOCHINO TO HAVE HIM OR HIS ATTORNEY CALL ME ONCE A SURVEY OR DOCUMENT THAT INDICATES PROPERTY BOUNDRIES. 09/28/95: This is additional information about material spilled from the translation of the old spill file: STAINING OF SOIL.
Remarks: REVISTED SITE THERE IS A PRIOR SPILL COMPLAINT. DUMPING OF WASTE OIL ON PROPERTY. THERE IS A QUESTION OF WHERE PROPERTY LINES ARE LOCATED.

Material:

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BOCHINO RESIDENCE (Continued)

S102126149

Site ID: 108203
Operable Unit ID: 1014150
Operable Unit: 01
Material ID: 553805
Material Code: 0022
Material Name: Waste Oil/Used Oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 0
Units: Gallons
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:

Site ID: Not reported
Spill Tank Test: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate: Not reported
Gross Fail: Not reported
Modified By: Not reported
Last Modified: Not reported
Test Method: Not reported

NY Hist Spills:

Region of Spill: 7
Spill Number: 9502916
Investigator: CM
Caller Name: Not reported
Caller Agency: Not reported
Caller Phone: Not reported
Notifier Name: Not reported
Notifier Agency: Not reported
Notifier Phone: Not reported
Spill Date/Time: 06/05/1995 11:00
Reported to Dept Date/Time: 06/05/95 11:00
SWIS: 31
Spiller Name: NEIGHBOR
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Address: ARMSTRONG RD
Spiller City,St,Zip: LAKELAND
Spill Cause: Housekeeping
Reported to Dept: On Land
Water Affected: Not reported
Spill Source: 09
Spill Notifier: Affected Persons
PBS Number: Not reported
Cleanup Ceased: / /
Cleanup Meets Std: False
Last Inspection: 06/05/95
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Dt: / /

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BOCHINO RESIDENCE (Continued)

S102126149

Enforcement Date: / /
Invstgn Complete: / /
UST Involvement: False
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.
Willing Responsible Party. Corrective action taken.
Spill Closed Dt: 10/31/95
Corrective Action Plan Submitted: / /
Date Region Sent Summary to Central Office: / /
Date Spill Entered In Computer Data File: 06/08/95
Date Spill Entered In Computer Data File: Not reported
Update Date: 11/28/97
Is Updated: False

Tank:
PBS Number: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported

Material:
Material Class Type: Petroleum
Quantity Spilled: 0
Unkonwn Quantity Spilled: False
Units: Gallons
Quantity Recovered: 0
Unkonwn Quantity Recovered: False
Material: WASTE OIL
Class Type: WASTE OIL
Times Material Entry In File: 9509
CAS Number: Not reported
Last Date: 19940927
DEC Remarks: 06/05/95: I INFORMED MR. BOCHINO TO HAVE HIM OR HIS ATTORNY CALL ME ONCE A SURVEY OR DOCUMENT THAT INDICATES PROPERTY BOUNDRIES. 09/28/95: This is additional information about material spilled from the translation of the old spill file: STAININGOF SOIL.
Remark: REVISTED SITE THERE IS A PRIOR SPILL COMPLAINT. DUMPING OF WASTE OIL ON PROPERTY. THERE IS A QUESTION OF WHERE PROPERTY LINES ARE LOCATED.

H28
NNE
> 1
1.131 mi.
5974 ft.

ARMSTRONG ROAD
157 ARMSTRONG RD
LAKELAND, NY
Site 2 of 4 in cluster H

NY Spills S102125637
NY Hist Spills N/A

Relative:
Higher

NY Spills:
Site ID: 92926
Facility Addr2: Not reported
Facility ID: 9401666
Spill Number: 9401666
Facility Type: ER
SWIS: 3400
Investigator: MENASH
Referred To: Not reported
Spill Date: 5/4/1994
Reported to Dept: 5/4/1994
CID: Not reported
Spill Cause: Unknown

Actual:
422 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ARMSTRONG ROAD (Continued)

S102125637

Water Affected: Not reported
Spill Source: Unknown
Spill Notifier: Affected Persons
Cleanup Ceased: 5/5/1994
Cleanup Meets Std: True
Last Inspection: Not reported
Recommended Penalty: Penalty Not Recommended
UST Trust: False
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt: 5/5/1994
Remediation Phase: 0
Date Entered In Computer: 5/5/1994
Spill Record Last Update: 8/19/1994
Spiller Name: Not reported
Spiller Company: UNKNOWN
Spiller Address: Not reported
Spiller City,St,Zip: NY
Spiller Company: 999
Contact Name: Not reported
Contact Phone: Not reported
DEC Region: 7
DER Facility ID: 83328
DEC Memo: Prior to Sept, 2004 data translation this spill Lead_DEC Field was "MN"
Remarks: WHILE MOWING LAWN CALLER DISCOVERED OIL ON PROPERTY.

Material:
Site ID: 92926
Operable Unit ID: 995344
Operable Unit: 01
Material ID: 385418
Material Code: 0066A
Material Name: UNKNOWN PETROLEUM
Case No.: Not reported
Material FA: Petroleum
Quantity: 0
Units: Not reported
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:
Site ID: Not reported
Spill Tank Test: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate: Not reported
Gross Fail: Not reported
Modified By: Not reported
Last Modified: Not reported
Test Method: Not reported

NY Hist Spills:
Region of Spill: 7

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ARMSTRONG ROAD (Continued)

S102125637

Spill Number: 9401666
Investigator: MN
Caller Name: Not reported
Caller Agency: Not reported
Caller Phone: Not reported
Notifier Name: Not reported
Notifier Agency: Not reported
Notifier Phone: Not reported
Spill Date/Time: 05/04/1994 12:00
Reported to Dept Date/Time: 05/04/94 14:10
SWIS: 31
Spiller Name: UNKNOWN
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Address: Not reported
Spiller City,St,Zip: Not reported
Spill Cause: Unknown
Reported to Dept: On Land
Water Affected: Not reported
Spill Source: 12
Spill Notifier: Affected Persons
PBS Number: Not reported
Cleanup Ceased: 05/05/94
Cleanup Meets Std: True
Last Inspection: / /
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Dt: / /
Enforcement Date: / /
Invstgn Complete: / /
UST Involvement: False
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.
Willing Responsible Party. Corrective action taken.
Spill Closed Dt: 05/05/94
Corrective Action Plan Submitted: / /
Date Region Sent Summary to Central Office: / /
Date Spill Entered In Computer Data File: 05/05/94
Date Spill Entered In Computer Data File: Not reported
Update Date: 08/19/94
Is Updated: False

Tank:
PBS Number: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported

Material:
Material Class Type: Petroleum
Quantity Spilled: 0
Unkonwn Quantity Spilled: False
Units: Not reported
Quantity Recovered: 0
Unkonwn Quantity Recovered: False
Material: UNKNOWN PETROLEUM
Class Type: UNKNOWN PETROLEUM
Times Material Entry In File: 16414

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ARMSTRONG ROAD (Continued)

S102125637

CAS Number: Not reported
Last Date: 19940929
DEC Remarks: Not reported
Remark: WHILE MOWING LAWN CALLER DISCOVERED OIL ON PROPERTY.

29
SE
> 1
1.133 mi.
5982 ft.

NIAGARA MOHAWK
101 GEMINI PLACE
SYRACUSE, NY

LTANKS **S106972628**
N/A

Relative:
Higher

LTANKS:

Site ID: 346372
Spill No: 0502078
Spill Date: 5/20/2005
Spill Cause: Tank Failure
Spill Source: Non Major Facility > 1,100 gal
Spill Class: Possible release with minimal potential for fire or hazard or Known release with no damage. DEC Response. Willing Responsible Party. Corrective action taken.

Actual:
449 ft.

Spill Closed Dt: 8/8/2005
Facility Addr2: Not reported
Cleanup Ceased: Not reported
Cleanup Meets Standard: False
SWIS: 3415
Investigator: HDWARNER
Referred To: Not reported
Reported to Dept: 5/20/2005
CID: 409
Water Affected: Not reported
Spill Notifier: Responsible Party
Last Inspection: Not reported
Recommended Penalty: Penalty Not Recommended
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 5/20/2005
Spill Record Last Update: 8/8/2005
Spiller Name: D PHILLIPS
Spiller Company: PADMOUNT TRANSFORMER
Spiller Address: 101 GEMINI PLACE
Spiller City,St,Zip: SYRACUSE, NY
Spiller County: 001
Spiller Contact: D PHILLIPS
Spiller Phone: (315) 452-7533
Spiller Extention: Not reported
DEC Region: 7
DER Facility ID: 292629
DEC Memo: Not reported
Remarks: CLEANED IT UP AND REPLACED THE SOIL WITH TOPSOIL.

Material:

Site ID: 346372
Operable Unit ID: 1104143
Operable Unit: 01
Material ID: 584304
Material Code: 0020A
Material Name: TRANSFORMER OIL

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

NIAGARA MOHAWK (Continued)

S106972628

Case No.: Not reported
 Material FA: Petroleum
 Quantity: 2
 Units: Gallons
 Recovered: 2
 Resource Affected: Not reported
 Oxygenate: False

Tank Test:

Site ID: Not reported
 Spill Tank Test: Not reported
 Tank Number: Not reported
 Tank Size: Not reported
 Test Method: Not reported
 Leak Rate: Not reported
 Gross Fail: Not reported
 Modified By: Not reported
 Last Modified: Not reported
 Test Method: Not reported

H30
NNE
> 1
1.133 mi.
5985 ft.

O'BRIEN RESIDENCE
155 ARMSTRONG ROAD
GEDDES, NY

NY Spills S104503038
NY Hist Spills N/A

Site 3 of 4 in cluster H

Relative:
Higher

Actual:
422 ft.

NY Spills:
 Site ID: 247353
 Facility Addr2: Not reported
 Facility ID: 9700711
 Spill Number: 9700711
 Facility Type: ER
 SWIS: 3432
 Investigator: CFMANNES
 Referred To: Not reported
 Spill Date: 4/6/1997
 Reported to Dept: 4/16/1997
 CID: 205
 Spill Cause: Deliberate
 Water Affected: Not reported
 Spill Source: Gasoline Station
 Spill Notifier: Affected Persons
 Cleanup Ceased: Not reported
 Cleanup Meets Std: False
 Last Inspection: Not reported
 Recommended Penalty: Penalty Not Recommended
 UST Trust: False
 Spill Class: Possible release with minimal potential for fire or hazard or Known release with no damage. No DEC Response. No corrective action required.
 Spill Closed Dt: 8/31/1997
 Remediation Phase: 0
 Date Entered In Computer: 4/16/1997
 Spill Record Last Update: 4/16/1997
 Spiller Name: PHYLLIS & TERRY O'BRIEN
 Spiller Company: O'BRIEN RESIDENCE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

O'BRIEN RESIDENCE (Continued)

S104503038

Spiller Address: 155 ARMSTRONG ROAD
Spiller City,St,Zip: GEDDES, NY
Spiller Company: 001
Contact Name: PHYLLIS & TERRY O'BRIEN
Contact Phone: (315) 487-7456
DEC Region: 7
DER Facility ID: 203099
DEC Memo: Prior to Sept, 2004 data translation this spill Lead_DEC Field was "CM"

Remarks: CALLER STATED THAT HE OWNS PART OF PROPERTY THAT O'BRIEN HAS THIER RESIDENCE ON.CALLER WITNESSED MR.O'BRIEN DUMPING MOTOR OIL ON DRIVEWAY.CALLER STATES THAT HE OWNS THAT LAND. PICTURES HAVE BEEN TAKEN. **FAXED FROM REGION.

Material:

Site ID: Not reported
Operable Unit ID: Not reported
Operable Unit: Not reported
Material ID: Not reported
Material Code: Not reported
Material Name: Not reported
Case No.: Not reported
Material FA: Not reported
Quantity: Not reported
Units: Not reported
Recovered: Not reported
Resource Affected: Not reported
Oxygenate: Not reported

Tank Test:

Site ID: Not reported
Spill Tank Test: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate: Not reported
Gross Fail: Not reported
Modified By: Not reported
Last Modified: Not reported
Test Method: Not reported

NY Hist Spills:

Region of Spill: 7
Spill Number: 9700711
Investigator: CM
Caller Name: Not reported
Caller Agency: Not reported
Caller Phone: Not reported
Notifier Name: Not reported
Notifier Agency: Not reported
Notifier Phone: Not reported
Spill Date/Time: 04/06/1997 12:00
Reported to Dept Date/Time: 04/16/97 13:06
SWIS: 31
Spiller Name: O'BRIEN RESIDENCE
Spiller Contact: PHYLLIS & TERRY O'BRIEN

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

O'BRIEN RESIDENCE (Continued)

S104503038

Spiller Phone: (315) 487-7456
Spiller Contact: PHYLLIS & TERRY O'BRIEN
Spiller Phone: (315) 487-7456
Spiller Address: 155 ARMSTRONG ROAD
Spiller City,St,Zip: GEDDES, NY
Spill Cause: Deliberate
Reported to Dept: On Land
Water Affected: Not reported
Spill Source: 05
Spill Notifier: Affected Persons
PBS Number: Not reported
Cleanup Ceased: / /
Cleanup Meets Std: False
Last Inspection: / /
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Dt: / /
Enforcement Date: / /
Invstgn Complete: / /
UST Involvement: False
Spill Class: Possible release with minimal potential for fire or hazard or Known release with no damage. No DEC Response. No corrective action required.
Spill Closed Dt: 08/31/97
Corrective Action Plan Submitted: / /
Date Region Sent Summary to Central Office: / /
Date Spill Entered In Computer Data File: 04/16/97
Date Spill Entered In Computer Data File: Not reported
Update Date: 04/16/97
Is Updated: False

Tank:

PBS Number: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported

Material:

Material Class Type: Not reported
Quantity Spilled: Not reported
Unkonwn Quantity Spilled: Not reported
Units: Not reported
Quantity Recovered: Not reported
Unkonwn Quantity Recovered: Not reported
Material: Not reported
Class Type: Not reported
Times Material Entry In File: Not reported
CAS Number: Not reported
Last Date: Not reported

DEC Remarks: Not reported

Remark: CALLER STATED THAT HE OWNS PART OF PROPERTY THAT O BRIEN HAS THIER RESIDENCE ON.CALLER WITNESSED MR.O BRIEN DUMPING MOTOR OIL ON DRIVEWAY.CALLER STATES THAT HE OWNS THAT LAND. PICTURES HAVE BEEN TAKEN. **FAXED FROM REGION.

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

H31
NNE
 > 1
 1.133 mi.
 5985 ft.

155 ARMSTRONG RD
155/157 ARMSTRONG RD
GEDDES, NY

NY Spills **S102125647**
NY Hist Spills **N/A**

Site 4 of 4 in cluster H

Relative:
Higher

NY Spills:

Actual:
422 ft.

Site ID: 204929
 Facility Addr2: Not reported
 Facility ID: 9402081
 Spill Number: 9402081
 Facility Type: ER
 SWIS: 3432
 Investigator: CFMANNES
 Referred To: Not reported
 Spill Date: 5/5/1994
 Reported to Dept: 5/5/1994
 CID: Not reported
 Spill Cause: Housekeeping
 Water Affected: Not reported
 Spill Source: Passenger Vehicle
 Spill Notifier: Affected Persons
 Cleanup Ceased: 5/30/1994
 Cleanup Meets Std: True
 Last Inspection: 5/5/1994
 Recommended Penalty: Penalty Not Recommended
 UST Trust: False
 Spill Class: Possible release with minimal potential for fire or hazard or Known release with no damage. No DEC Response. No corrective action required.
 Spill Closed Dt: 5/30/1994
 Remediation Phase: 0
 Date Entered In Computer: 5/13/1994
 Spill Record Last Update: 1/11/1995
 Spiller Name: Not reported
 Spiller Company: OBRIEN RESIDENCE
 Spiller Address: 155 ARMSTRONG RD
 Spiller City,St,Zip: LAKELAND, NY
 Spiller Company: 001
 Contact Name: Not reported
 Contact Phone: Not reported
 DEC Region: 7
 DER Facility ID: 170244
 DEC Memo: Prior to Sept, 2004 data translation this spill Lead_DEC Field was "CM" 05/05/94: MR.BOCCHINO CLAIMS HE OWNS PROPERTY WHERE THE PROBLEMS ARE. I ASKED HIM IF HE HAS NOTIFIED THE CODE ENFORCEMENT. THERE IS A QUESTION WHERE PROP. BOUNDRIES EXIST.I SPOKE W/CODE ENC. A PROPER SURVEY NOT. 09/28/95: This is additional information about material spilled from the translation of the old spill file: FROM A LEAKY OILPAN.

Remarks: CLAIMS NEIGHBOR IS DUMPING OIL AND OTHER DEBRIS(IE STONE,BRICK,COMPOST/ORGANICS) ONTO HIS PROPERTY.

Material:

Site ID: 204929
 Operable Unit ID: 999149
 Operable Unit: 01
 Material ID: 385822
 Material Code: 0022
 Material Name: Waste Oil/Used Oil

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

155 ARMSTRONG RD (Continued)

S102125647

Case No.: Not reported
Material FA: Petroleum
Quantity: 2
Units: Gallons
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:

Site ID: Not reported
Spill Tank Test: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate: Not reported
Gross Fail: Not reported
Modified By: Not reported
Last Modified: Not reported
Test Method: Not reported

NY Hist Spills:

Region of Spill: 7
Spill Number: 9402081
Investigator: CM
Caller Name: Not reported
Caller Agency: Not reported
Caller Phone: Not reported
Notifier Name: Not reported
Notifier Agency: Not reported
Notifier Phone: Not reported
Spill Date/Time: 05/05/1994 14:00
Reported to Dept Date/Time: 05/05/94 14:30
SWIS: 31
Spiller Name: OBRIEN RESIDENCE
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Address: 155 ARMSTRONG RD
Spiller City,St,Zip: LAKELAND, NY
Spill Cause: Housekeeping
Reported to Dept: On Land
Water Affected: Not reported
Spill Source: 06
Spill Notifier: Affected Persons
PBS Number: Not reported
Cleanup Ceased: 05/30/94
Cleanup Meets Std: True
Last Inspection: 05/05/94
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Dt: / /
Enforcement Date: / /
Invstgn Complete: / /
UST Involvement: False
Spill Class: Possible release with minimal potential for fire or hazard or Known release with no damage. No DEC Response. No corrective action required.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

155 ARMSTRONG RD (Continued)

S102125647

Spill Closed Dt: 05/30/94
Corrective Action Plan Submitted: / /
Date Region Sent Summary to Central Office: / /
Date Spill Entered In Computer Data File: 05/13/94
Date Spill Entered In Computer Data File: Not reported
Update Date: 01/11/95
Is Updated: False

Tank:

PBS Number: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported

Material:

Material Class Type: Petroleum
Quantity Spilled: 2
Unkonwn Quantity Spilled: False
Units: Gallons
Quantity Recovered: 0
Unkonwn Quantity Recovered: False
Material: WASTE OIL
Class Type: WASTE OIL
Times Material Entry In File: 9509
CAS Number: Not reported
Last Date: 19940927

DEC Remarks: 05/05/94: MR.BOCCHINO CLAIMS HE OWNS PROPERTY WHERE THE PROBLEMS ARE. I ASKED HIM IF HE HAS NOTIFIED THE CODE ENFORCEMENT. THERE IS A QUESTION WHERE PROP. BOUNDRIES EXIST.I SPOKE W/CODE ENC. A PROPER SURVEY NOT. 09/28/95: This is additional information about material spilled from the translation of the old spill file: FROM A LEAKY OILPAN.

Remark: CLAIMS NEIGHBOR IS DUMPING OIL AND OTHER DEBRIS IE STONE,BRICK,COMPOST/ORGANICS) ONTO HIS PROPERTY.

32
SSW
> 1
1.139 mi.
6015 ft.

3703 WARNERS RD
CAMILLUS, NY

NY Spills S104787139
NY Hist Spills N/A

Relative:
Higher

NY Spills:
Site ID: 225418
Facility Addr2: Not reported
Facility ID: 0004385
Spill Number: 0004385
Facility Type: ER
SWIS: 3420
Investigator: CFMANNES
Referred To: Not reported
Spill Date: 7/12/2000
Reported to Dept: 7/12/2000
CID: 396
Spill Cause: Equipment Failure
Water Affected: Not reported
Spill Source: Commercial Vehicle
Spill Notifier: Responsible Party
Cleanup Ceased: Not reported

Actual:
496 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

(Continued)

S104787139

Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: Penalty Not Recommended
UST Trust: False
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.
Willing Responsible Party. Corrective action taken.
Spill Closed Dt: 7/12/2000
Remediation Phase: 0
Date Entered In Computer: 7/12/2000
Spill Record Last Update: 7/27/2000
Spiller Name: Not reported
Spiller Company: NIAGARA MOHAWK
Spiller Address: ERIE BLVD
Spiller City,St,Zip: SYRACUSE, NY -
001
Contact Name: CHARLES LORENZ
Contact Phone: (315) 460-2421
DEC Region: 7
DER Facility ID: 186083
DEC Memo: Prior to Sept, 2004 data translation this spill Lead_DEC Field was
"CM"

Remarks: hyd. line on line truck broke...spill cleaned up.

Material:

Site ID: 225418
Operable Unit ID: 825619
Operable Unit: 01
Material ID: 552912
Material Code: 0010
Material Name: Hydraulic Oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 5
Units: Gallons
Recovered: 5
Resource Affected: Not reported
Oxygenate: False

Tank Test:

Site ID: Not reported
Spill Tank Test: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate: Not reported
Gross Fail: Not reported
Modified By: Not reported
Last Modified: Not reported
Test Method: Not reported

NY Hist Spills:

Region of Spill: 7
Spill Number: 0004385
Investigator: CM
Caller Name: Not reported
Caller Agency: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

(Continued)

S104787139

Caller Phone: Not reported
Notifier Name: Not reported
Notifier Agency: Not reported
Notifier Phone: Not reported
Spill Date/Time: 07/12/2000 10:30
Reported to Dept Date/Time: 07/12/00 12:22
SWIS: 31
Spiller Name: NIAGARA MOHAWK
Spiller Contact: Not reported
Spiller Phone: () -
Spiller Contact: CHARLES LORENZ
Spiller Phone: (315) 460-2421
Spiller Address: ERIE BLVD
Spiller City,St,Zip: SYRACUSE, NY -
Spill Cause: Equipment Failure
Reported to Dept: On Land
Water Affected: Not reported
Spill Source: 07
Spill Notifier: Responsible Party
PBS Number: Not reported
Cleanup Ceased: / /
Cleanup Meets Std: False
Last Inspection: / /
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Dt: / /
Enforcement Date: / /
Invstgn Complete: / /
UST Involvement: False
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.
Willing Responsible Party. Corrective action taken.
Spill Closed Dt: 07/12/00
Corrective Action Plan Submitted: / /
Date Region Sent Summary to Central Office: / /
Date Spill Entered In Computer Data File: 07/12/00
Date Spill Entered In Computer Data File: Not reported
Update Date: 07/27/00
Is Updated: False

Tank:

PBS Number: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported

Material:

Material Class Type: Petroleum
Quantity Spilled: 5
Unkonwn Quantity Spilled: False
Units: Gallons
Quantity Recovered: 5
Unkonwn Quantity Recovered: False
Material: HYDRAULIC OIL
Class Type: HYDRAULIC OIL
Times Material Entry In File: 1846
CAS Number: Not reported
Last Date: 19940728

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

(Continued)

S104787139

DEC Remarks: Not reported
 Remark: hyd. line on line truck broke...spill cleaned up.

I33
 ESE
 > 1
 1.142 mi.
 6032 ft.

PARCEL A--MATHEWS AVENUE LANDFILL SITE
303 BELLE ISLE ROAD
GEDDES, NY 13209

BROWNFIELDS S109321476
 N/A

Site 1 of 6 in cluster I

Relative:
 Lower

BROWNFIELDS:

Program: BCP
 Site Code: 402026

Actual:
 398 ft.

Site Description: The 37.1-acre Parcel A - Mathews Avenue Landfill site is located in the Towns of Geddes and Camillus, New York. The site includes the 20-acre former Mathews Ave. Landfill (formerly a construction and demolition debris landfill), a portion of the former Erie Canal to the north, and a drainage swale which runs south of, and parallel to the canal. Immediately west of the site is Parcel B (BCP Site No. C734073) and the former Village of Solvay Landfill, an 18-acre facility that received construction and demolition debris from the 1950s to 1991. The site was capped in accordance with Part 360 requirements in 2007. Upgradient (south) of the site is the Pass & Seymour facility. Historic operations included steel milling and porcelain manufacturing. The western third of the site had been used from the early 1900s through the early 1980s as a disposal area for manufacturing waste. The facility is now used for office space and product development and testing. The site is currently being investigated under the Brownfield Cleanup Program (BCP Site No. C734102). The former Mathews Ave. Landfill was owned and operated by the Solvay Process Company and Allied Chemical Corp., predecessors to Honeywell International, Inc., the current owner. As early as 1925, the Solvay Process Company utilized the landfill to dispose of unburned sandstone and limestone rock (spalls) from the Solvay soda ash lime kiln operation. The spalls were transported by dump truck and leveled by periodic spreading with a bulldozer. Other waste materials disposed at the landfill included office paper, bricks, wood and other demolition debris, and an occasional load of material from the plant's manufacturing areas. In addition, during a 2002-2003 investigation, Allen-Moore diaphragm cells (and possibly mercury cells) were observed in the landfill. These cells were associated with the Chlor-Alkali process employed at the company's LCP/Bridge Street and Willis Avenue plants. Operation of the landfill was terminated with the closure and demolition of the Syracuse Works between 1985 and 1988. A Preliminary Site Assessment (PSA) was completed in 2003 and a supplemental PSA was completed in 2007. The results of these investigations confirmed the presence of elevated levels of VOCs, SVOCs, PCBs, and metals in various media including soil (surface and subsurface), groundwater, sediment, surface water, and soil vapor. The site was accepted into the Brownfield Cleanup Program (BCP) in February 2009, and a Brownfield Cleanup Agreement is being negotiated with the property owner. A Remedial Action Work Plan (RAWP) is also in the process of being finalized.

Env Problem:

A series of investigations was begun in 1989, and concluded with a Preliminary Site Assessment (PSA) in 2003 and a supplemental PSA in 2007. The results of these investigations confirmed the presence of elevated levels of VOCs, SVOCs, PCBs, and metals in various media including soil (surface and subsurface), groundwater, sediment, surface water, and soil vapor.

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

PARCEL A--MATHEWS AVENUE LANDFILL SITE (Continued)

S109321476

Health Problem: Information submitted with the BCP application regarding the conditions at the site are currently under review and will be revised as additional information becomes available.

I34
ESE
> 1
1.146 mi.
6051 ft.

WPS SYRACUSE GENERATION LLC
300 BELLE ISLE ROAD
SOLVAY, NY 13209
Site 2 of 6 in cluster I

AIRS S106534562
N/A

Relative:
Lower

AIRS:
 Permit Type: Not reported
 Permit Status: Not reported
 Issue Date: Not reported
 Expiration Date: Not reported
 County Fips: 36067
 DEC Id: 7313200035
 Emission Unit Id: U00007
 Process Id: 701FP
 Contaminant Name/cas: PM25-PRI
 Epa Control Code: Not reported
 Contol Eff: Not reported
 Emissions: 0.00601593
 Unit: TON

Actual:
398 ft.

Permit Type: Not reported
 Permit Status: Not reported
 Issue Date: Not reported
 Expiration Date: Not reported
 County Fips: 36067
 DEC Id: 7313200035
 Emission Unit Id: U00001
 Process Id: 104FP
 Contaminant Name/cas: PM25-PRI
 Epa Control Code: Not reported
 Contol Eff: Not reported
 Emissions: 2.995
 Unit: TON

Permit Type: Air Title V Facility
 Permit Status: Issued
 Issue Date: 2007-09-26
 Expiration Date: 2012-09-25
 County Fips: Not reported
 DEC Id: 7313200035
 Emission Unit Id: Not reported
 Process Id: Not reported
 Contaminant Name/cas: Not reported
 Epa Control Code: Not reported
 Contol Eff: Not reported
 Emissions: Not reported
 Unit: Not reported

Detail:

Year: 2006
 DECID: 7313200035
 Facility Name: WPS SYRACUSE GENERATION LLC
 CAS #: 000630080

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WPS SYRACUSE GENERATION LLC (Continued)

S106534562

Contaminant:	CARBON MONOXIDE
Amount (Lbs/Yr):	44391.4365648
Year:	2006
DECID:	7313200035
Facility Name:	WPS SYRACUSE GENERATION LLC
CAS #:	000129000
Contaminant:	PYRENE
Amount (Lbs/Yr):	2.3396520172054E-04
Year:	2006
DECID:	7313200035
Facility Name:	WPS SYRACUSE GENERATION LLC
CAS #:	000107028
Contaminant:	ACROLEIN
Amount (Lbs/Yr):	3.443517781
Year:	2006
DECID:	7313200035
Facility Name:	WPS SYRACUSE GENERATION LLC
CAS #:	007440473
Contaminant:	CHROMIUM
Amount (Lbs/Yr):	7.14663030900428
Year:	2006
DECID:	7313200035
Facility Name:	WPS SYRACUSE GENERATION LLC
CAS #:	007439976
Contaminant:	MERCURY
Amount (Lbs/Yr):	3.56398899886846
Year:	2006
DECID:	7313200035
Facility Name:	WPS SYRACUSE GENERATION LLC
CAS #:	000100414
Contaminant:	ETHYLBENZENE
Amount (Lbs/Yr):	17.2095752448
Year:	2006
DECID:	7313200035
Facility Name:	WPS SYRACUSE GENERATION LLC
CAS #:	007440417
Contaminant:	BERYLLIUM
Amount (Lbs/Yr):	3.46008086081286E-05
Year:	2006
DECID:	7313200035
Facility Name:	WPS SYRACUSE GENERATION LLC
CAS #:	007440622
Contaminant:	VANADIUM
Amount (Lbs/Yr):	6.63182164989131E-03
Year:	2006
DECID:	7313200035
Facility Name:	WPS SYRACUSE GENERATION LLC
CAS #:	007440666
Contaminant:	ZINC

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WPS SYRACUSE GENERATION LLC (Continued)

S106534562

Amount (Lbs/Yr): 8.36186208029774E-02

Year: 2006
DECID: 7313200035
Facility Name: WPS SYRACUSE GENERATION LLC
CAS #: 007440393
Contaminant: BARIUM
Amount (Lbs/Yr): 1.26869631563138E-02

Year: 2006
DECID: 7313200035
Facility Name: WPS SYRACUSE GENERATION LLC
CAS #: 000074840
Contaminant: ETHANE
Amount (Lbs/Yr): 8.99

Year: 2006
DECID: 7313200035
Facility Name: WPS SYRACUSE GENERATION LLC
CAS #: 007440439
Contaminant: CADMIUM
Amount (Lbs/Yr): 3.72495205078908

Year: 2006
DECID: 7313200035
Facility Name: WPS SYRACUSE GENERATION LLC
CAS #: 000091203
Contaminant: NAPHTHALENE
Amount (Lbs/Yr): 0.706880320329577

Year: 2006
DECID: 7313200035
Facility Name: WPS SYRACUSE GENERATION LLC
CAS #: 000085018
Contaminant: PHENANTHRENE
Amount (Lbs/Yr): 2.12797846311935E-03

Year: 2006
DECID: 7313200035
Facility Name: WPS SYRACUSE GENERATION LLC
CAS #: 000110543
Contaminant: HEXANE
Amount (Lbs/Yr): 3.50877844793151

Year: 2006
DECID: 7313200035
Facility Name: WPS SYRACUSE GENERATION LLC
CAS #: 007782492
Contaminant: SELENIUM
Amount (Lbs/Yr): 6.92016172162572E-05

Year: 2006
DECID: 7313200035
Facility Name: WPS SYRACUSE GENERATION LLC
CAS #: 000206440
Contaminant: FLUORANTHENE
Amount (Lbs/Yr): 0.645209934597089

Map ID
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MAP FINDINGS

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Database(s)

EDR ID Number
EPA ID Number

WPS SYRACUSE GENERATION LLC (Continued)

S106534562

Year: 2006
DECID: 7313200035
Facility Name: WPS SYRACUSE GENERATION LLC
CAS #: 0NY075025
Contaminant: PM 2.5
Amount (Lbs/Yr): 3577.90310816657

Year: 2006
DECID: 7313200035
Facility Name: WPS SYRACUSE GENERATION LLC
CAS #: 000075569
Contaminant: PROPANE, 1,2-EPOXY-
Amount (Lbs/Yr): 0.0259064656

Year: 2006
DECID: 7313200035
Facility Name: WPS SYRACUSE GENERATION LLC
CAS #: 007440382
Contaminant: ARSENIC
Amount (Lbs/Yr): 5.7668014346881E-04

Year: 2006
DECID: 7313200035
Facility Name: WPS SYRACUSE GENERATION LLC
CAS #: 000115071
Contaminant: PROPYLENE
Amount (Lbs/Yr): 0.15111

Year: 2006
DECID: 7313200035
Facility Name: WPS SYRACUSE GENERATION LLC
CAS #: 000074828
Contaminant: METHANE
Amount (Lbs/Yr): 4677.69734704

Year: 2006
DECID: 7313200035
Facility Name: WPS SYRACUSE GENERATION LLC
CAS #: 007440020
Contaminant: NICKEL METAL AND INSOLUBLE COMPOUNDS
Amount (Lbs/Yr): 61.6505607815064

Year: 2006
DECID: 7313200035
Facility Name: WPS SYRACUSE GENERATION LLC
CAS #: 000050328
Contaminant: BENZO(A)PYRENE
Amount (Lbs/Yr): 1.55733856319543E-05

Year: 2006
DECID: 7313200035
Facility Name: WPS SYRACUSE GENERATION LLC
CAS #: 007439965
Contaminant: MANGANESE
Amount (Lbs/Yr): 43.1038799322726

Year: 2006

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MAP FINDINGS

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Database(s)

EDR ID Number
EPA ID Number

WPS SYRACUSE GENERATION LLC (Continued)

S106534562

Year: 2006
DECID: 7313200035
Facility Name: WPS SYRACUSE GENERATION LLC
CAS #: 010024972
Contaminant: NITROUS OXIDE
Amount (Lbs/Yr): 6.38

Year: 2006
DECID: 7313200035
Facility Name: WPS SYRACUSE GENERATION LLC
CAS #: 000091576
Contaminant: 2-METHYL NAPHTHALENE
Amount (Lbs/Yr): 6.92016172162572E-05

Year: 2006
DECID: 7313200035
Facility Name: WPS SYRACUSE GENERATION LLC
CAS #: 000191242
Contaminant: BENZO[G,H,I]PERYLENE
Amount (Lbs/Yr): 3.3225678117599E-05

Year: 2006
DECID: 7313200035
Facility Name: WPS SYRACUSE GENERATION LLC
CAS #: 007664417
Contaminant: AMMONIA
Amount (Lbs/Yr): 1.421

Year: 2006
DECID: 7313200035
Facility Name: WPS SYRACUSE GENERATION LLC
CAS #: 000106978
Contaminant: BUTANE
Amount (Lbs/Yr): 4.0935748559201

Year: 2006
DECID: 7313200035
Facility Name: WPS SYRACUSE GENERATION LLC
CAS #: 000120127
Contaminant: ANTHRACENE
Amount (Lbs/Yr): 8.36443271003376E-05

Year: 2006
DECID: 7313200035
Facility Name: WPS SYRACUSE GENERATION LLC
CAS #: 007439987
Contaminant: MOLYBDENUM
Amount (Lbs/Yr): 3.17174078907845E-03

Year: 2006
DECID: 7313200035
Facility Name: WPS SYRACUSE GENERATION LLC
CAS #: 007440508
Contaminant: COPPER
Amount (Lbs/Yr): 37.1933819306098

Year: 2006
DECID: 7313200035

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EDR ID Number
EPA ID Number

WPS SYRACUSE GENERATION LLC (Continued)

S106534562

Facility Name:	WPS SYRACUSE GENERATION LLC
CAS #:	000056553
Contaminant:	BENZO(A)ANTHRACENE
Amount (Lbs/Yr):	1.61237604357845
Year:	2006
DECID:	7313200035
Facility Name:	WPS SYRACUSE GENERATION LLC
CAS #:	001330207
Contaminant:	XYLENE, M, O & P MIXT.
Amount (Lbs/Yr):	34.4310736896
Year:	2006
DECID:	7313200035
Facility Name:	WPS SYRACUSE GENERATION LLC
CAS #:	000071432
Contaminant:	BENZENE
Amount (Lbs/Yr):	6.50268609165592
Year:	2006
DECID:	7313200035
Facility Name:	WPS SYRACUSE GENERATION LLC
CAS #:	000108883
Contaminant:	TOLUENE
Amount (Lbs/Yr):	69.9378047246239
Year:	2006
DECID:	7313200035
Facility Name:	WPS SYRACUSE GENERATION LLC
CAS #:	007439921
Contaminant:	LEAD
Amount (Lbs/Yr):	1.44170035867202E-03
Year:	2006
DECID:	7313200035
Facility Name:	WPS SYRACUSE GENERATION LLC
CAS #:	000109660
Contaminant:	PENTANE
Amount (Lbs/Yr):	5.06823553590107
Year:	2006
DECID:	7313200035
Facility Name:	WPS SYRACUSE GENERATION LLC
CAS #:	007446095
Contaminant:	SULFUR DIOXIDE
Amount (Lbs/Yr):	412.0141
Year:	2006
DECID:	7313200035
Facility Name:	WPS SYRACUSE GENERATION LLC
CAS #:	0NY998100
Contaminant:	UNSPECIATED VOC (EMISSION STATEMENT USE ONLY)
Amount (Lbs/Yr):	3252.8788790521
Year:	2006
DECID:	7313200035
Facility Name:	WPS SYRACUSE GENERATION LLC

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EDR ID Number
EPA ID Number

WPS SYRACUSE GENERATION LLC (Continued)

S106534562

CAS #:	025321226
Contaminant:	DICHLOROBENZENE
Amount (Lbs/Yr):	2.33918563195434E-03
Year:	2006
DECID:	7313200035
Facility Name:	WPS SYRACUSE GENERATION LLC
CAS #:	0NY210000
Contaminant:	OXIDES OF NITROGEN
Amount (Lbs/Yr):	17083.338
Year:	2006
DECID:	7313200035
Facility Name:	WPS SYRACUSE GENERATION LLC
CAS #:	000108952
Contaminant:	PHENOL
Amount (Lbs/Yr):	6.82550324
Year:	2006
DECID:	7313200035
Facility Name:	WPS SYRACUSE GENERATION LLC
CAS #:	000124389
Contaminant:	CARBON DIOXIDE
Amount (Lbs/Yr):	59514954.904
Year:	2006
DECID:	7313200035
Facility Name:	WPS SYRACUSE GENERATION LLC
CAS #:	000074986
Contaminant:	PROPANE
Amount (Lbs/Yr):	3.11891417593912
Year:	2006
DECID:	7313200035
Facility Name:	WPS SYRACUSE GENERATION LLC
CAS #:	000207089
Contaminant:	BENZO[K]FLUORANTHENE
Amount (Lbs/Yr):	1.46729784479315E-05
Year:	2006
DECID:	7313200035
Facility Name:	WPS SYRACUSE GENERATION LLC
CAS #:	000083329
Contaminant:	ACENAPHTHENE
Amount (Lbs/Yr):	2.1853520943976E-04
Year:	2006
DECID:	7313200035
Facility Name:	WPS SYRACUSE GENERATION LLC
CAS #:	000050000
Contaminant:	FORMALDEHYDE
Amount (Lbs/Yr):	382.003200305997
Year:	2006
DECID:	7313200035
Facility Name:	WPS SYRACUSE GENERATION LLC
CAS #:	000075070

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EDR ID Number
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WPS SYRACUSE GENERATION LLC (Continued)

S106534562

Contaminant:	ACETALDEHYDE
Amount (Lbs/Yr):	21.523596936
Year:	2006
DECID:	7313200035
Facility Name:	WPS SYRACUSE GENERATION LLC
CAS #:	000106990
Contaminant:	1,3-BUTADIENE
Amount (Lbs/Yr):	0.2317932474
Year:	2006
DECID:	7313200035
Facility Name:	WPS SYRACUSE GENERATION LLC
CAS #:	000218019
Contaminant:	CHRYSENE
Amount (Lbs/Yr):	7.17221784479315E-05
Year:	2006
DECID:	7313200035
Facility Name:	WPS SYRACUSE GENERATION LLC
CAS #:	007440484
Contaminant:	COBALT
Amount (Lbs/Yr):	2.422056602569E-04
Year:	2006
DECID:	7313200035
Facility Name:	WPS SYRACUSE GENERATION LLC
CAS #:	0NY075105
Contaminant:	UNSPECIATED PM-10 (EMISSION STATEMENT USE ONLY)
Amount (Lbs/Yr):	621.6204023836
Year:	2006
DECID:	7313200035
Facility Name:	WPS SYRACUSE GENERATION LLC
CAS #:	000086737
Contaminant:	FLUORENE
Amount (Lbs/Yr):	9.40893644499679E-04
Year:	2006
DECID:	7313200035
Facility Name:	WPS SYRACUSE GENERATION LLC
CAS #:	000205992
Contaminant:	BENZO[B]FLUORANTHENE
Amount (Lbs/Yr):	5.25115180738251E-05
Year:	2006
DECID:	7313200035
Facility Name:	WPS SYRACUSE GENERATION LLC
CAS #:	000053703
Contaminant:	DIBENZ[A,H]ANTHRACENE
Amount (Lbs/Yr):	2.47089856319543E-05
Year:	2007
DECID:	7313200035
Facility Name:	WPS SYRACUSE GENERATION LLC
CAS #:	000110543
Contaminant:	HEXANE

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WPS SYRACUSE GENERATION LLC (Continued)

S106534562

Amount (Lbs/Yr):	5.08167913148702
Year:	2007
DECID:	7313200035
Facility Name:	WPS SYRACUSE GENERATION LLC
CAS #:	007782492
Contaminant:	SELENIUM
Amount (Lbs/Yr):	1.00223031830441E-04
Year:	2007
DECID:	7313200035
Facility Name:	WPS SYRACUSE GENERATION LLC
CAS #:	000074840
Contaminant:	ETHANE
Amount (Lbs/Yr):	13.02
Year:	2007
DECID:	7313200035
Facility Name:	WPS SYRACUSE GENERATION LLC
CAS #:	000108883
Contaminant:	TOLUENE
Amount (Lbs/Yr):	69.8378441272484
Year:	2007
DECID:	7313200035
Facility Name:	WPS SYRACUSE GENERATION LLC
CAS #:	000206440
Contaminant:	FLUORANTHENE
Amount (Lbs/Yr):	0.644398310273916
Year:	2007
DECID:	7313200035
Facility Name:	WPS SYRACUSE GENERATION LLC
CAS #:	007446095
Contaminant:	SULFUR DIOXIDE
Amount (Lbs/Yr):	427.645
Year:	2007
DECID:	7313200035
Facility Name:	WPS SYRACUSE GENERATION LLC
CAS #:	007440393
Contaminant:	BARIUM
Amount (Lbs/Yr):	1.83742225022476E-02
Year:	2007
DECID:	7313200035
Facility Name:	WPS SYRACUSE GENERATION LLC
CAS #:	0NY075105
Contaminant:	UNSPECIATED PM-10 (EMISSION STATEMENT USE ONLY)
Amount (Lbs/Yr):	864.765050198
Year:	2007
DECID:	7313200035
Facility Name:	WPS SYRACUSE GENERATION LLC
CAS #:	000106978
Contaminant:	BUTANE
Amount (Lbs/Yr):	5.92862565340152

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EDR ID Number
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WPS SYRACUSE GENERATION LLC (Continued)

S106534562

Year: 2007
DECID: 7313200035
Facility Name: WPS SYRACUSE GENERATION LLC
CAS #: 007440382
Contaminant: ARSENIC
Amount (Lbs/Yr): 8.35191931920345E-04

Year: 2007
DECID: 7313200035
Facility Name: WPS SYRACUSE GENERATION LLC
CAS #: 000191242
Contaminant: BENZO[G,H,I]PERYLENE
Amount (Lbs/Yr): 8.84863488483082E-05

Year: 2007
DECID: 7313200035
Facility Name: WPS SYRACUSE GENERATION LLC
CAS #: 007440484
Contaminant: COBALT
Amount (Lbs/Yr): 3.50780611406545E-04

Year: 2007
DECID: 7313200035
Facility Name: WPS SYRACUSE GENERATION LLC
CAS #: 000129000
Contaminant: PYRENE
Amount (Lbs/Yr): 5.98813996431828E-04

Year: 2007
DECID: 7313200035
Facility Name: WPS SYRACUSE GENERATION LLC
CAS #: 007439987
Contaminant: MOLYBDENUM
Amount (Lbs/Yr): 4.5935556255619E-03

Year: 2007
DECID: 7313200035
Facility Name: WPS SYRACUSE GENERATION LLC
CAS #: 000091576
Contaminant: 2-METHYL NAPHTHALENE
Amount (Lbs/Yr): 1.00223031830441E-04

Year: 2007
DECID: 7313200035
Facility Name: WPS SYRACUSE GENERATION LLC
CAS #: 000108952
Contaminant: PHENOL
Amount (Lbs/Yr): 6.81275244

Year: 2007
DECID: 7313200035
Facility Name: WPS SYRACUSE GENERATION LLC
CAS #: 000075070
Contaminant: ACETALDEHYDE
Amount (Lbs/Yr): 21.4860078

Year: 2007

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WPS SYRACUSE GENERATION LLC (Continued)

S106534562

DECID: 7313200035
Facility Name: WPS SYRACUSE GENERATION LLC
CAS #: 007439976
Contaminant: MERCURY
Amount (Lbs/Yr): 3.55766854419345

Year: 2007
DECID: 7313200035
Facility Name: WPS SYRACUSE GENERATION LLC
CAS #: 0NY075025
Contaminant: PM 2.5
Amount (Lbs/Yr): 3586.40768588773

Year: 2007
DECID: 7313200035
Facility Name: WPS SYRACUSE GENERATION LLC
CAS #: 000053703
Contaminant: DIBENZ[A,H]ANTHRACENE
Amount (Lbs/Yr): 5.9181186087658E-05

Year: 2007
DECID: 7313200035
Facility Name: WPS SYRACUSE GENERATION LLC
CAS #: 000085018
Contaminant: PHENANTHRENE
Amount (Lbs/Yr): 6.08411363624182E-03

Year: 2007
DECID: 7313200035
Facility Name: WPS SYRACUSE GENERATION LLC
CAS #: 000205992
Contaminant: BENZO[B]FLUORANTHENE
Amount (Lbs/Yr): 1.62064124169889E-04

Year: 2007
DECID: 7313200035
Facility Name: WPS SYRACUSE GENERATION LLC
CAS #: 000218019
Contaminant: CHRYSENE
Amount (Lbs/Yr): 2.21093079131487E-04

Year: 2007
DECID: 7313200035
Facility Name: WPS SYRACUSE GENERATION LLC
CAS #: 007440020
Contaminant: NICKEL METAL AND INSOLUBLE COMPOUNDS
Amount (Lbs/Yr): 61.5381163552852

Year: 2007
DECID: 7313200035
Facility Name: WPS SYRACUSE GENERATION LLC
CAS #: 010024972
Contaminant: NITROUS OXIDE
Amount (Lbs/Yr): 9.24

Year: 2007
DECID: 7313200035

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EDR ID Number
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WPS SYRACUSE GENERATION LLC (Continued)

S106534562

Facility Name: WPS SYRACUSE GENERATION LLC
CAS #: 007439921
Contaminant: LEAD
Amount (Lbs/Yr): 2.08797982980086E-03

Year: 2007
DECID: 7313200035
Facility Name: WPS SYRACUSE GENERATION LLC
CAS #: 000050000
Contaminant: FORMALDEHYDE
Amount (Lbs/Yr): 381.365943230479

Year: 2007
DECID: 7313200035
Facility Name: WPS SYRACUSE GENERATION LLC
CAS #: 025321226
Contaminant: DICHLOROBENZENE
Amount (Lbs/Yr): 3.38778608765801E-03

Year: 2007
DECID: 7313200035
Facility Name: WPS SYRACUSE GENERATION LLC
CAS #: 000071432
Contaminant: BENZENE
Amount (Lbs/Yr): 6.5674757056534

Year: 2007
DECID: 7313200035
Facility Name: WPS SYRACUSE GENERATION LLC
CAS #: 000124389
Contaminant: CARBON DIOXIDE
Amount (Lbs/Yr): 59576710.4

Year: 2007
DECID: 7313200035
Facility Name: WPS SYRACUSE GENERATION LLC
CAS #: 000120127
Contaminant: ANTHRACENE
Amount (Lbs/Yr): 2.05564468561756E-04

Year: 2007
DECID: 7313200035
Facility Name: WPS SYRACUSE GENERATION LLC
CAS #: 000075569
Contaminant: PROPANE, 1,2-EPOXY-
Amount (Lbs/Yr): 0.02597646

Year: 2007
DECID: 7313200035
Facility Name: WPS SYRACUSE GENERATION LLC
CAS #: 000091203
Contaminant: NAPHTHALENE
Amount (Lbs/Yr): 0.718670596594559

Year: 2007
DECID: 7313200035
Facility Name: WPS SYRACUSE GENERATION LLC

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EDR ID Number
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WPS SYRACUSE GENERATION LLC (Continued)

S106534562

CAS #:	007664417
Contaminant:	AMMONIA
Amount (Lbs/Yr):	2.058
Year:	2007
DECID:	7313200035
Facility Name:	WPS SYRACUSE GENERATION LLC
CAS #:	000115071
Contaminant:	PROPYLENE
Amount (Lbs/Yr):	0.420624
Year:	2007
DECID:	7313200035
Facility Name:	WPS SYRACUSE GENERATION LLC
CAS #:	0NY210000
Contaminant:	OXIDES OF NITROGEN
Amount (Lbs/Yr):	20722.458
Year:	2007
DECID:	7313200035
Facility Name:	WPS SYRACUSE GENERATION LLC
CAS #:	001330207
Contaminant:	XYLENE, M, O & P MIXT.
Amount (Lbs/Yr):	34.38567996
Year:	2007
DECID:	7313200035
Facility Name:	WPS SYRACUSE GENERATION LLC
CAS #:	000207089
Contaminant:	BENZO[K]FLUORANTHENE
Amount (Lbs/Yr):	3.7304679131487E-05
Year:	2007
DECID:	7313200035
Facility Name:	WPS SYRACUSE GENERATION LLC
CAS #:	000056553
Contaminant:	BENZO(A)ANTHRACENE
Amount (Lbs/Yr):	1.60942570167913
Year:	2007
DECID:	7313200035
Facility Name:	WPS SYRACUSE GENERATION LLC
CAS #:	000083329
Contaminant:	ACENAPHTHENE
Amount (Lbs/Yr):	6.72949815535824E-04
Year:	2007
DECID:	7313200035
Facility Name:	WPS SYRACUSE GENERATION LLC
CAS #:	000107028
Contaminant:	ACROLEIN
Amount (Lbs/Yr):	3.437875236
Year:	2007
DECID:	7313200035
Facility Name:	WPS SYRACUSE GENERATION LLC
CAS #:	000106990

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WPS SYRACUSE GENERATION LLC (Continued)

S106534562

Contaminant:	1,3-BUTADIENE
Amount (Lbs/Yr):	0.2313629952
Year:	2007
DECID:	7313200035
Facility Name:	WPS SYRACUSE GENERATION LLC
CAS #:	007440417
Contaminant:	BERYLLIUM
Amount (Lbs/Yr):	5.01115159152207E-05
Year:	2007
DECID:	7313200035
Facility Name:	WPS SYRACUSE GENERATION LLC
CAS #:	007440508
Contaminant:	COPPER
Amount (Lbs/Yr):	37.1250038057107
Year:	2007
DECID:	7313200035
Facility Name:	WPS SYRACUSE GENERATION LLC
CAS #:	000109660
Contaminant:	PENTANE
Amount (Lbs/Yr):	7.34020318992569
Year:	2007
DECID:	7313200035
Facility Name:	WPS SYRACUSE GENERATION LLC
CAS #:	007440473
Contaminant:	CHROMIUM
Amount (Lbs/Yr):	7.13509673152344
Year:	2007
DECID:	7313200035
Facility Name:	WPS SYRACUSE GENERATION LLC
CAS #:	000050328
Contaminant:	BENZO(A)PYRENE
Amount (Lbs/Yr):	4.1448186087658E-05
Year:	2007
DECID:	7313200035
Facility Name:	WPS SYRACUSE GENERATION LLC
CAS #:	000086737
Contaminant:	FLUORENE
Amount (Lbs/Yr):	0.002180992809538
Year:	2007
DECID:	7313200035
Facility Name:	WPS SYRACUSE GENERATION LLC
CAS #:	007440439
Contaminant:	CADMIUM
Amount (Lbs/Yr):	3.71942116562556
Year:	2007
DECID:	7313200035
Facility Name:	WPS SYRACUSE GENERATION LLC
CAS #:	007439965
Contaminant:	MANGANESE

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WPS SYRACUSE GENERATION LLC (Continued)

S106534562

Amount (Lbs/Yr):	43.0238503046707
Year:	2007
DECID:	7313200035
Facility Name:	WPS SYRACUSE GENERATION LLC
CAS #:	007440666
Contaminant:	ZINC
Amount (Lbs/Yr):	0.12110283012845
Year:	2007
DECID:	7313200035
Facility Name:	WPS SYRACUSE GENERATION LLC
CAS #:	000074986
Contaminant:	PROPANE
Amount (Lbs/Yr):	4.51704811687735
Year:	2007
DECID:	7313200035
Facility Name:	WPS SYRACUSE GENERATION LLC
CAS #:	000074828
Contaminant:	METHANE
Amount (Lbs/Yr):	4779.308304
Year:	2007
DECID:	7313200035
Facility Name:	WPS SYRACUSE GENERATION LLC
CAS #:	007440622
Contaminant:	VANADIUM
Amount (Lbs/Yr):	9.60470721708397E-03
Year:	2007
DECID:	7313200035
Facility Name:	WPS SYRACUSE GENERATION LLC
CAS #:	000630080
Contaminant:	CARBON MONOXIDE
Amount (Lbs/Yr):	44500.69848
Year:	2007
DECID:	7313200035
Facility Name:	WPS SYRACUSE GENERATION LLC
CAS #:	000100414
Contaminant:	ETHYLBENZENE
Amount (Lbs/Yr):	17.17755648
Year:	2007
DECID:	7313200035
Facility Name:	WPS SYRACUSE GENERATION LLC
CAS #:	0NY998100
Contaminant:	UNSPECIATED VOC (EMISSION STATEMENT USE ONLY)
Amount (Lbs/Yr):	3468.3134182486
Year:	2008
DECID:	7313200035
Facility Name:	WPS SYRACUSE GENERATION LLC
CAS #:	007440417
Contaminant:	BERYLLIUM
Amount (Lbs/Yr):	6.68153545536276E-05

Map ID
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MAP FINDINGS

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Database(s)

EDR ID Number
EPA ID Number

WPS SYRACUSE GENERATION LLC (Continued)

S106534562

Year: 2008
DECID: 7313200035
Facility Name: WPS SYRACUSE GENERATION LLC
CAS #: 000129000
Contaminant: PYRENE
Amount (Lbs/Yr): 2.98585929197831E-04

Year: 2008
DECID: 7313200035
Facility Name: WPS SYRACUSE GENERATION LLC
CAS #: 000205992
Contaminant: BENZO[B]FLUORANTHENE
Amount (Lbs/Yr): 7.266169996565E-05

Year: 2008
DECID: 7313200035
Facility Name: WPS SYRACUSE GENERATION LLC
CAS #: 007440020
Contaminant: NICKEL METAL AND INSOLUBLE COMPOUNDS
Amount (Lbs/Yr): 25.2775334070469

Year: 2008
DECID: 7313200035
Facility Name: WPS SYRACUSE GENERATION LLC
CAS #: 000109660
Contaminant: PENTANE
Amount (Lbs/Yr): 9.78693758656759

Year: 2008
DECID: 7313200035
Facility Name: WPS SYRACUSE GENERATION LLC
CAS #: 000124389
Contaminant: CARBON DIOXIDE
Amount (Lbs/Yr): 25315837.6

Year: 2008
DECID: 7313200035
Facility Name: WPS SYRACUSE GENERATION LLC
CAS #: 000086737
Contaminant: FLUORENE
Amount (Lbs/Yr): 1.12505037188696E-03

Year: 2008
DECID: 7313200035
Facility Name: WPS SYRACUSE GENERATION LLC
CAS #: 025321226
Contaminant: DICHLOROBENZENE
Amount (Lbs/Yr): 4.51704811687735E-03

Year: 2008
DECID: 7313200035
Facility Name: WPS SYRACUSE GENERATION LLC
CAS #: 007440508
Contaminant: COPPER
Amount (Lbs/Yr): 15.2479426742809

Year: 2008

Map ID
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Elevation

MAP FINDINGS

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Database(s)

EDR ID Number
EPA ID Number

WPS SYRACUSE GENERATION LLC (Continued)

S106534562

DECID: 7313200035
Facility Name: WPS SYRACUSE GENERATION LLC
CAS #: 007446095
Contaminant: SULFUR DIOXIDE
Amount (Lbs/Yr): 115.7248

Year: 2008
DECID: 7313200035
Facility Name: WPS SYRACUSE GENERATION LLC
CAS #: 007664417
Contaminant: AMMONIA
Amount (Lbs/Yr): 2.744

Year: 2008
DECID: 7313200035
Facility Name: WPS SYRACUSE GENERATION LLC
CAS #: 000074828
Contaminant: METHANE
Amount (Lbs/Yr): 1999.968576

Year: 2008
DECID: 7313200035
Facility Name: WPS SYRACUSE GENERATION LLC
CAS #: 007439987
Contaminant: MOLYBDENUM
Amount (Lbs/Yr): 6.12474083408253E-03

Year: 2008
DECID: 7313200035
Facility Name: WPS SYRACUSE GENERATION LLC
CAS #: 000100414
Contaminant: ETHYLBENZENE
Amount (Lbs/Yr): 7.16582912

Year: 2008
DECID: 7313200035
Facility Name: WPS SYRACUSE GENERATION LLC
CAS #: 000056553
Contaminant: BENZO(A)ANTHRACENE
Amount (Lbs/Yr): 0.660897093972175

Year: 2008
DECID: 7313200035
Facility Name: WPS SYRACUSE GENERATION LLC
CAS #: 000106978
Contaminant: BUTANE
Amount (Lbs/Yr): 7.90483420453536

Year: 2008
DECID: 7313200035
Facility Name: WPS SYRACUSE GENERATION LLC
CAS #: 007440393
Contaminant: BARIUM
Amount (Lbs/Yr): 2.44989633363301E-02

Year: 2008
DECID: 7313200035

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EDR ID Number
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WPS SYRACUSE GENERATION LLC (Continued)

S106534562

Facility Name: WPS SYRACUSE GENERATION LLC
CAS #: 007440473
Contaminant: CHROMIUM
Amount (Lbs/Yr): 2.93528442869792

Year: 2008
DECID: 7313200035
Facility Name: WPS SYRACUSE GENERATION LLC
CAS #: 000053703
Contaminant: DIBENZ[A,H]ANTHRACENE
Amount (Lbs/Yr): 3.16616481168773E-05

Year: 2008
DECID: 7313200035
Facility Name: WPS SYRACUSE GENERATION LLC
CAS #: 000110543
Contaminant: HEXANE
Amount (Lbs/Yr): 6.77557217531602

Year: 2008
DECID: 7313200035
Facility Name: WPS SYRACUSE GENERATION LLC
CAS #: 000071432
Contaminant: BENZENE
Amount (Lbs/Yr): 2.75080135420454

Year: 2008
DECID: 7313200035
Facility Name: WPS SYRACUSE GENERATION LLC
CAS #: 000091203
Contaminant: NAPHTHALENE
Amount (Lbs/Yr): 0.301754214126079

Year: 2008
DECID: 7313200035
Facility Name: WPS SYRACUSE GENERATION LLC
CAS #: 007440666
Contaminant: ZINC
Amount (Lbs/Yr): 0.161470440171267

Year: 2008
DECID: 7313200035
Facility Name: WPS SYRACUSE GENERATION LLC
CAS #: 000206440
Contaminant: FLUORANTHENE
Amount (Lbs/Yr): 0.264677282233575

Year: 2008
DECID: 7313200035
Facility Name: WPS SYRACUSE GENERATION LLC
CAS #: 000108952
Contaminant: PHENOL
Amount (Lbs/Yr): 2.79752552

Year: 2008
DECID: 7313200035
Facility Name: WPS SYRACUSE GENERATION LLC

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EDR ID Number
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WPS SYRACUSE GENERATION LLC (Continued)

S106534562

CAS #:	000074986
Contaminant:	PROPANE
Amount (Lbs/Yr):	6.02273082250313
Year:	2008
DECID:	7313200035
Facility Name:	WPS SYRACUSE GENERATION LLC
CAS #:	000050328
Contaminant:	BENZO(A)PYRENE
Amount (Lbs/Yr):	2.12978481168773E-05
Year:	2008
DECID:	7313200035
Facility Name:	WPS SYRACUSE GENERATION LLC
CAS #:	007440622
Contaminant:	VANADIUM
Amount (Lbs/Yr):	1.28062762894453E-02
Year:	2008
DECID:	7313200035
Facility Name:	WPS SYRACUSE GENERATION LLC
CAS #:	007440382
Contaminant:	ARSENIC
Amount (Lbs/Yr):	1.11358924256046E-03
Year:	2008
DECID:	7313200035
Facility Name:	WPS SYRACUSE GENERATION LLC
CAS #:	001330207
Contaminant:	XYLENE, M, O & P MIXT.
Amount (Lbs/Yr):	14.34624484
Year:	2008
DECID:	7313200035
Facility Name:	WPS SYRACUSE GENERATION LLC
CAS #:	000050000
Contaminant:	FORMALDEHYDE
Amount (Lbs/Yr):	159.294788387305
Year:	2008
DECID:	7313200035
Facility Name:	WPS SYRACUSE GENERATION LLC
CAS #:	000083329
Contaminant:	ACENAPHTHENE
Amount (Lbs/Yr):	2.87951391331585E-04
Year:	2008
DECID:	7313200035
Facility Name:	WPS SYRACUSE GENERATION LLC
CAS #:	007440439
Contaminant:	CADMIUM
Amount (Lbs/Yr):	1.53154712083408
Year:	2008
DECID:	7313200035
Facility Name:	WPS SYRACUSE GENERATION LLC
CAS #:	000074840

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WPS SYRACUSE GENERATION LLC (Continued)

S106534562

Contaminant:	ETHANE
Amount (Lbs/Yr):	17.36
Year:	2008
DECID:	7313200035
Facility Name:	WPS SYRACUSE GENERATION LLC
CAS #:	0NY210000
Contaminant:	OXIDES OF NITROGEN
Amount (Lbs/Yr):	15597.498
Year:	2008
DECID:	7313200035
Facility Name:	WPS SYRACUSE GENERATION LLC
CAS #:	000120127
Contaminant:	ANTHRACENE
Amount (Lbs/Yr):	1.07061236289437E-04
Year:	2008
DECID:	7313200035
Facility Name:	WPS SYRACUSE GENERATION LLC
CAS #:	007439965
Contaminant:	MANGANESE
Amount (Lbs/Yr):	17.6683793395609
Year:	2008
DECID:	7313200035
Facility Name:	WPS SYRACUSE GENERATION LLC
CAS #:	000075569
Contaminant:	PROPANE, 1,2-EPOXY-
Amount (Lbs/Yr):	0.11234484
Year:	2008
DECID:	7313200035
Facility Name:	WPS SYRACUSE GENERATION LLC
CAS #:	010024972
Contaminant:	NITROUS OXIDE
Amount (Lbs/Yr):	12.32
Year:	2008
DECID:	7313200035
Facility Name:	WPS SYRACUSE GENERATION LLC
CAS #:	000107028
Contaminant:	ACROLEIN
Amount (Lbs/Yr):	1.4348773
Year:	2008
DECID:	7313200035
Facility Name:	WPS SYRACUSE GENERATION LLC
CAS #:	000075070
Contaminant:	ACETALDEHYDE
Amount (Lbs/Yr):	8.96926204
Year:	2008
DECID:	7313200035
Facility Name:	WPS SYRACUSE GENERATION LLC
CAS #:	000630080
Contaminant:	CARBON MONOXIDE

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EDR ID Number
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WPS SYRACUSE GENERATION LLC (Continued)

S106534562

Amount (Lbs/Yr):	18892.86712
Year:	2008
DECID:	7313200035
Facility Name:	WPS SYRACUSE GENERATION LLC
CAS #:	000085018
Contaminant:	PHENANTHRENE
Amount (Lbs/Yr):	2.7218715149891E-03
Year:	2008
DECID:	7313200035
Facility Name:	WPS SYRACUSE GENERATION LLC
CAS #:	000091576
Contaminant:	2-METHYL NAPHTHALENE
Amount (Lbs/Yr):	1.33630709107255E-04
Year:	2008
DECID:	7313200035
Facility Name:	WPS SYRACUSE GENERATION LLC
CAS #:	000207089
Contaminant:	BENZO[K]FLUORANTHENE
Amount (Lbs/Yr):	2.0948172175316E-05
Year:	2008
DECID:	7313200035
Facility Name:	WPS SYRACUSE GENERATION LLC
CAS #:	007440484
Contaminant:	COBALT
Amount (Lbs/Yr):	4.67707481875393E-04
Year:	2008
DECID:	7313200035
Facility Name:	WPS SYRACUSE GENERATION LLC
CAS #:	0NY998100
Contaminant:	UNSPECIATED VOC (EMISSION STATEMENT USE ONLY)
Amount (Lbs/Yr):	1313.4846146594
Year:	2008
DECID:	7313200035
Facility Name:	WPS SYRACUSE GENERATION LLC
CAS #:	000218019
Contaminant:	CHRYSENE
Amount (Lbs/Yr):	9.6102972175316E-05
Year:	2008
DECID:	7313200035
Facility Name:	WPS SYRACUSE GENERATION LLC
CAS #:	0NY075105
Contaminant:	UNSPECIATED PM-10 (EMISSION STATEMENT USE ONLY)
Amount (Lbs/Yr):	181.8361525448
Year:	2008
DECID:	7313200035
Facility Name:	WPS SYRACUSE GENERATION LLC
CAS #:	000115071
Contaminant:	PROPYLENE
Amount (Lbs/Yr):	0.189612

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WPS SYRACUSE GENERATION LLC (Continued)

S106534562

Year: 2008
DECID: 7313200035
Facility Name: WPS SYRACUSE GENERATION LLC
CAS #: 007782492
Contaminant: SELENIUM
Amount (Lbs/Yr): 1.33630709107255E-04

Year: 2008
DECID: 7313200035
Facility Name: WPS SYRACUSE GENERATION LLC
CAS #: 0NY075025
Contaminant: PM 2.5
Amount (Lbs/Yr): 1527.53801569205

Year: 2008
DECID: 7313200035
Facility Name: WPS SYRACUSE GENERATION LLC
CAS #: 000108883
Contaminant: TOLUENE
Amount (Lbs/Yr): 29.1451345029978

Year: 2008
DECID: 7313200035
Facility Name: WPS SYRACUSE GENERATION LLC
CAS #: 007439976
Contaminant: MERCURY
Amount (Lbs/Yr): 1.46189231269728

Year: 2008
DECID: 7313200035
Facility Name: WPS SYRACUSE GENERATION LLC
CAS #: 000191242
Contaminant: BENZO[G,H,I]PERYLENE
Amount (Lbs/Yr): 4.41199327121489E-05

Year: 2008
DECID: 7313200035
Facility Name: WPS SYRACUSE GENERATION LLC
CAS #: 000106990
Contaminant: 1,3-BUTADIENE
Amount (Lbs/Yr): 0.0968304088

Year: 2008
DECID: 7313200035
Facility Name: WPS SYRACUSE GENERATION LLC
CAS #: 007439921
Contaminant: LEAD
Amount (Lbs/Yr): 2.78397310640115E-03

Permit Type: Air Title V Facility
Permit Status: Issued
Issue Date: 2007-09-26
Expiration Date: 2012-09-25
County Fips: Not reported
DEC Id: 7313200035
Emission Unit Id: Not reported

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Database(s)

EDR ID Number
EPA ID Number

WPS SYRACUSE GENERATION LLC (Continued)

S106534562

Process Id: Not reported
Contaminant Name/cas: Not reported
Epa Control Code: Not reported
Contol Eff: Not reported
Emissions: Not reported
Unit: Not reported

Detail:

Year: 2009
DECID: 7313200035
Facility Name: WPS SYRACUSE GENERATION LLC
CAS #: 0NY998100
Contaminant: UNSPECIATED VOC (EMISSION STATEMENT USE ONLY)
Amount (Lbs/Yr): 1351.840555965

Year: 2009
DECID: 7313200035
Facility Name: WPS SYRACUSE GENERATION LLC
CAS #: 0NY210000
Contaminant: OXIDES OF NITROGEN
Amount (Lbs/Yr): 18009.137

Year: 2009
DECID: 7313200035
Facility Name: WPS SYRACUSE GENERATION LLC
CAS #: 000050328
Contaminant: BENZO(A)PYRENE
Amount (Lbs/Yr): 3.3404631926017E-05

Year: 2009
DECID: 7313200035
Facility Name: WPS SYRACUSE GENERATION LLC
CAS #: 000053703
Contaminant: DIBENZ[A,H]ANTHRACENE
Amount (Lbs/Yr): 4.8570531926017E-05

Year: 2009
DECID: 7313200035
Facility Name: WPS SYRACUSE GENERATION LLC
CAS #: 000056553
Contaminant: BENZO(A)ANTHRACENE
Amount (Lbs/Yr): 0.591127579947889

Year: 2009
DECID: 7313200035
Facility Name: WPS SYRACUSE GENERATION LLC
CAS #: 000071432
Contaminant: BENZENE
Amount (Lbs/Yr): 2.67978152387053

Year: 2009
DECID: 7313200035
Facility Name: WPS SYRACUSE GENERATION LLC
CAS #: 000074828
Contaminant: METHANE
Amount (Lbs/Yr): 1908.9694224

Year: 2009

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EDR ID Number
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WPS SYRACUSE GENERATION LLC (Continued)

S106534562

DECID: 7313200035
Facility Name: WPS SYRACUSE GENERATION LLC
CAS #: 000074840
Contaminant: ETHANE
Amount (Lbs/Yr): 10.23

Year: 2009
DECID: 7313200035
Facility Name: WPS SYRACUSE GENERATION LLC
CAS #: 000074986
Contaminant: PROPANE
Amount (Lbs/Yr): 3.54910923468935

Year: 2009
DECID: 7313200035
Facility Name: WPS SYRACUSE GENERATION LLC
CAS #: 000075070
Contaminant: ACETALDEHYDE
Amount (Lbs/Yr): 8.29105318

Year: 2009
DECID: 7313200035
Facility Name: WPS SYRACUSE GENERATION LLC
CAS #: 000075569
Contaminant: PROPANE, 1,2-EPOXY-
Amount (Lbs/Yr): 0.293844936

Year: 2009
DECID: 7313200035
Facility Name: WPS SYRACUSE GENERATION LLC
CAS #: 000083329
Contaminant: ACENAPHTHENE
Amount (Lbs/Yr): 5.38285130283074E-04

Year: 2009
DECID: 7313200035
Facility Name: WPS SYRACUSE GENERATION LLC
CAS #: 000085018
Contaminant: PHENANTHRENE
Amount (Lbs/Yr): 4.91216928561857E-03

Year: 2009
DECID: 7313200035
Facility Name: WPS SYRACUSE GENERATION LLC
CAS #: 000086737
Contaminant: FLUORENE
Amount (Lbs/Yr): 1.81204809831981E-03

Year: 2009
DECID: 7313200035
Facility Name: WPS SYRACUSE GENERATION LLC
CAS #: 000091203
Contaminant: NAPHTHALENE
Amount (Lbs/Yr): 0.345581387095725

Year: 2009
DECID: 7313200035

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EDR ID Number
EPA ID Number

WPS SYRACUSE GENERATION LLC (Continued)

S106534562

Facility Name: WPS SYRACUSE GENERATION LLC
CAS #: 000091576
Contaminant: 2-METHYL NAPHTHALENE
Amount (Lbs/Yr): 7.87466678667754E-05

Year: 2009
DECID: 7313200035
Facility Name: WPS SYRACUSE GENERATION LLC
CAS #: 000100414
Contaminant: ETHYLBENZENE
Amount (Lbs/Yr): 6.622226688

Year: 2009
DECID: 7313200035
Facility Name: WPS SYRACUSE GENERATION LLC
CAS #: 000106978
Contaminant: BUTANE
Amount (Lbs/Yr): 4.65820587052976

Year: 2009
DECID: 7313200035
Facility Name: WPS SYRACUSE GENERATION LLC
CAS #: 000106990
Contaminant: 1,3-BUTADIENE
Amount (Lbs/Yr): 0.1168546731

Year: 2009
DECID: 7313200035
Facility Name: WPS SYRACUSE GENERATION LLC
CAS #: 000107028
Contaminant: ACROLEIN
Amount (Lbs/Yr): 1.3265762356

Year: 2009
DECID: 7313200035
Facility Name: WPS SYRACUSE GENERATION LLC
CAS #: 000108883
Contaminant: TOLUENE
Amount (Lbs/Yr): 26.9467386771237

Year: 2009
DECID: 7313200035
Facility Name: WPS SYRACUSE GENERATION LLC
CAS #: 000108952
Contaminant: PHENOL
Amount (Lbs/Yr): 2.50203716

Year: 2009
DECID: 7313200035
Facility Name: WPS SYRACUSE GENERATION LLC
CAS #: 000109660
Contaminant: PENTANE
Amount (Lbs/Yr): 5.76730250637019

Year: 2009
DECID: 7313200035
Facility Name: WPS SYRACUSE GENERATION LLC

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EDR ID Number
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WPS SYRACUSE GENERATION LLC (Continued)

S106534562

CAS #:	000110543
Contaminant:	HEXANE
Amount (Lbs/Yr):	3.99274788902551
Year:	2009
DECID:	7313200035
Facility Name:	WPS SYRACUSE GENERATION LLC
CAS #:	000115071
Contaminant:	PROPYLENE
Amount (Lbs/Yr):	0.34113
Year:	2009
DECID:	7313200035
Facility Name:	WPS SYRACUSE GENERATION LLC
CAS #:	000120127
Contaminant:	ANTHRACENE
Amount (Lbs/Yr):	1.68297887533884E-04
Year:	2009
DECID:	7313200035
Facility Name:	WPS SYRACUSE GENERATION LLC
CAS #:	000124389
Contaminant:	CARBON DIOXIDE
Amount (Lbs/Yr):	23448447.654
Year:	2009
DECID:	7313200035
Facility Name:	WPS SYRACUSE GENERATION LLC
CAS #:	000129000
Contaminant:	PYRENE
Amount (Lbs/Yr):	4.88497895469562E-04
Year:	2009
DECID:	7313200035
Facility Name:	WPS SYRACUSE GENERATION LLC
CAS #:	000191242
Contaminant:	BENZO[G,H,I]PERYLENE
Amount (Lbs/Yr):	7.15732451288383E-05
Year:	2009
DECID:	7313200035
Facility Name:	WPS SYRACUSE GENERATION LLC
CAS #:	000205992
Contaminant:	BENZO[B]FLUORANTHENE
Amount (Lbs/Yr):	1.28919499805394E-04
Year:	2009
DECID:	7313200035
Facility Name:	WPS SYRACUSE GENERATION LLC
CAS #:	000206440
Contaminant:	FLUORANTHENE
Amount (Lbs/Yr):	0.236968732953743
Year:	2009
DECID:	7313200035
Facility Name:	WPS SYRACUSE GENERATION LLC
CAS #:	000207089

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EDR ID Number
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WPS SYRACUSE GENERATION LLC (Continued)

S106534562

Contaminant:	BENZO[K]FLUORANTHENE
Amount (Lbs/Yr):	3.00090478890255E-05
Year:	2009
DECID:	7313200035
Facility Name:	WPS SYRACUSE GENERATION LLC
CAS #:	000218019
Contaminant:	CHRYSENE
Amount (Lbs/Yr):	1.76516847889026E-04
Year:	2009
DECID:	7313200035
Facility Name:	WPS SYRACUSE GENERATION LLC
CAS #:	000630080
Contaminant:	CARBON MONOXIDE
Amount (Lbs/Yr):	6597.3499166
Year:	2009
DECID:	7313200035
Facility Name:	WPS SYRACUSE GENERATION LLC
CAS #:	001330207
Contaminant:	XYLENE, M, O & P MIXT.
Amount (Lbs/Yr):	13.269510676
Year:	2009
DECID:	7313200035
Facility Name:	WPS SYRACUSE GENERATION LLC
CAS #:	007439921
Contaminant:	LEAD
Amount (Lbs/Yr):	2.55567835805578E-02
Year:	2009
DECID:	7313200035
Facility Name:	WPS SYRACUSE GENERATION LLC
CAS #:	007439965
Contaminant:	MANGANESE
Amount (Lbs/Yr):	17.1510715622412
Year:	2009
DECID:	7313200035
Facility Name:	WPS SYRACUSE GENERATION LLC
CAS #:	007439976
Contaminant:	MERCURY
Amount (Lbs/Yr):	1.30858380979276
Year:	2009
DECID:	7313200035
Facility Name:	WPS SYRACUSE GENERATION LLC
CAS #:	007439987
Contaminant:	MOLYBDENUM
Amount (Lbs/Yr):	3.6092222772272E-03
Year:	2009
DECID:	7313200035
Facility Name:	WPS SYRACUSE GENERATION LLC
CAS #:	007440020
Contaminant:	NICKEL METAL AND INSOLUBLE COMPOUNDS

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WPS SYRACUSE GENERATION LLC (Continued)

S106534562

Amount (Lbs/Yr):	22.6118872826383
Year:	2009
DECID:	7313200035
Facility Name:	WPS SYRACUSE GENERATION LLC
CAS #:	007440382
Contaminant:	ARSENIC
Amount (Lbs/Yr):	1.94475442322231E-02
Year:	2009
DECID:	7313200035
Facility Name:	WPS SYRACUSE GENERATION LLC
CAS #:	007440393
Contaminant:	BARIUM
Amount (Lbs/Yr):	1.44368891089088E-02
Year:	2009
DECID:	7313200035
Facility Name:	WPS SYRACUSE GENERATION LLC
CAS #:	007440417
Contaminant:	BERYLLIUM
Amount (Lbs/Yr):	5.68946933933388E-04
Year:	2009
DECID:	7313200035
Facility Name:	WPS SYRACUSE GENERATION LLC
CAS #:	007440439
Contaminant:	CADMIUM
Amount (Lbs/Yr):	1.37610886187723
Year:	2009
DECID:	7313200035
Facility Name:	WPS SYRACUSE GENERATION LLC
CAS #:	007440473
Contaminant:	CHROMIUM
Amount (Lbs/Yr):	2.64165840962556
Year:	2009
DECID:	7313200035
Facility Name:	WPS SYRACUSE GENERATION LLC
CAS #:	007440484
Contaminant:	COBALT
Amount (Lbs/Yr):	2.75613337533714E-04
Year:	2009
DECID:	7313200035
Facility Name:	WPS SYRACUSE GENERATION LLC
CAS #:	007440508
Contaminant:	COPPER
Amount (Lbs/Yr):	13.6359363044869
Year:	2009
DECID:	7313200035
Facility Name:	WPS SYRACUSE GENERATION LLC
CAS #:	007440622
Contaminant:	VANADIUM
Amount (Lbs/Yr):	7.54655567056597E-03

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WPS SYRACUSE GENERATION LLC (Continued)

S106534562

Year:	2009
DECID:	7313200035
Facility Name:	WPS SYRACUSE GENERATION LLC
CAS #:	007440666
Contaminant:	ZINC
Amount (Lbs/Yr):	9.51522236723535E-02
Year:	2009
DECID:	7313200035
Facility Name:	WPS SYRACUSE GENERATION LLC
CAS #:	007446095
Contaminant:	SULFUR DIOXIDE
Amount (Lbs/Yr):	203.953
Year:	2009
DECID:	7313200035
Facility Name:	WPS SYRACUSE GENERATION LLC
CAS #:	007664417
Contaminant:	AMMONIA
Amount (Lbs/Yr):	1.617
Year:	2009
DECID:	7313200035
Facility Name:	WPS SYRACUSE GENERATION LLC
CAS #:	007782492
Contaminant:	SELENIUM
Amount (Lbs/Yr):	4.27862966678668E-02
Year:	2009
DECID:	7313200035
Facility Name:	WPS SYRACUSE GENERATION LLC
CAS #:	010024972
Contaminant:	NITROUS OXIDE
Amount (Lbs/Yr):	7.26
Year:	2009
DECID:	7313200035
Facility Name:	WPS SYRACUSE GENERATION LLC
CAS #:	025321226
Contaminant:	DICHLOROBENZENE
Amount (Lbs/Yr):	2.66183192601701E-03
Year:	2009
DECID:	7313200035
Facility Name:	WPS SYRACUSE GENERATION LLC
CAS #:	0NY075025
Contaminant:	PM 2.5
Amount (Lbs/Yr):	1401.19710780478
Year:	2009
DECID:	7313200035
Facility Name:	WPS SYRACUSE GENERATION LLC
CAS #:	0NY075105
Contaminant:	UNSPECIATED PM-10 (EMISSION STATEMENT USE ONLY)
Amount (Lbs/Yr):	290.7377147877
Year:	2009

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WPS SYRACUSE GENERATION LLC (Continued)

S106534562

DECID: 7313200035
Facility Name: WPS SYRACUSE GENERATION LLC
CAS #: 000050000
Contaminant: FORMALDEHYDE
Amount (Lbs/Yr): 147.600157135376

Permit Type: Not reported
Permit Status: Not reported
Issue Date: Not reported
Expiration Date: Not reported
County Fips: 36067
DEC Id: 7313200035
Emission Unit Id: U00001
Process Id: 103FP
Contaminant Name/cas: PM25-PRI
Epa Control Code: Not reported
Contol Eff: Not reported
Emissions: 2.567
Unit: TON

Permit Type: Not reported
Permit Status: Not reported
Issue Date: Not reported
Expiration Date: Not reported
County Fips: 36067
DEC Id: 7313200035
Emission Unit Id: U00005
Process Id: 501FP
Contaminant Name/cas: PM25-PRI
Epa Control Code: Not reported
Contol Eff: Not reported
Emissions: 0.00033277
Unit: TON

Permit Type: Not reported
Permit Status: Not reported
Issue Date: Not reported
Expiration Date: Not reported
County Fips: 36067
DEC Id: 7313200035
Emission Unit Id: U00006
Process Id: 601FP
Contaminant Name/cas: PM25-PRI
Epa Control Code: Not reported
Contol Eff: Not reported
Emissions: 0.00831189
Unit: TON

Permit Type: Not reported
Permit Status: Not reported
Issue Date: Not reported
Expiration Date: Not reported
County Fips: 36067
DEC Id: 7313200035
Emission Unit Id: U00007
Process Id: 701FP

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WPS SYRACUSE GENERATION LLC (Continued)

S106534562

Contaminant Name/cas: SO2
Epa Control Code: Not reported
Contol Eff: Not reported
Emissions: 0.006
Unit: TON

Permit Type: Not reported
Permit Status: Not reported
Issue Date: Not reported
Expiration Date: Not reported
County Fips: 36067
DEC Id: 7313200035
Emission Unit Id: U00006
Process Id: 601FP
Contaminant Name/cas: 86737
Epa Control Code: Not reported
Contol Eff: Not reported
Emissions: 0
Unit: LB

Permit Type: Not reported
Permit Status: Not reported
Issue Date: Not reported
Expiration Date: Not reported
County Fips: 36067
DEC Id: 7313200035
Emission Unit Id: U00006
Process Id: 601FP
Contaminant Name/cas: 7439976
Epa Control Code: Not reported
Contol Eff: Not reported
Emissions: 0.0006
Unit: LB

Permit Type: Not reported
Permit Status: Not reported
Issue Date: Not reported
Expiration Date: Not reported
County Fips: 36067
DEC Id: 7313200035
Emission Unit Id: U00006
Process Id: 601FP
Contaminant Name/cas: 91203
Epa Control Code: Not reported
Contol Eff: Not reported
Emissions: 0.0009
Unit: LB

Permit Type: Not reported
Permit Status: Not reported
Issue Date: Not reported
Expiration Date: Not reported
County Fips: 36067
DEC Id: 7313200035
Emission Unit Id: U00006
Process Id: 601FP
Contaminant Name/cas: 83329

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WPS SYRACUSE GENERATION LLC (Continued)

S106534562

Epa Control Code: Not reported
Contol Eff: Not reported
Emissions: 0
Unit: LB

Permit Type: Not reported
Permit Status: Not reported
Issue Date: Not reported
Expiration Date: Not reported
County Fips: 36067
DEC Id: 7313200035
Emission Unit Id: U00006
Process Id: 601FP
Contaminant Name/cas: CO
Epa Control Code: Not reported
Contol Eff: Not reported
Emissions: 0.0924
Unit: TON

Permit Type: Not reported
Permit Status: Not reported
Issue Date: Not reported
Expiration Date: Not reported
County Fips: 36067
DEC Id: 7313200035
Emission Unit Id: U00006
Process Id: 601FP
Contaminant Name/cas: 85018
Epa Control Code: Not reported
Contol Eff: Not reported
Emissions: 0
Unit: LB

Permit Type: Not reported
Permit Status: Not reported
Issue Date: Not reported
Expiration Date: Not reported
County Fips: 36067
DEC Id: 7313200035
Emission Unit Id: U00006
Process Id: 601FP
Contaminant Name/cas: 7440484
Epa Control Code: Not reported
Contol Eff: Not reported
Emissions: 0.0002
Unit: LB

Permit Type: Not reported
Permit Status: Not reported
Issue Date: Not reported
Expiration Date: Not reported
County Fips: 36067
DEC Id: 7313200035
Emission Unit Id: U00006
Process Id: 601FP
Contaminant Name/cas: 7440020
Epa Control Code: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WPS SYRACUSE GENERATION LLC (Continued)

S106534562

Contol Eff: Not reported
Emissions: 0.0046
Unit: LB

Permit Type: Not reported
Permit Status: Not reported
Issue Date: Not reported
Expiration Date: Not reported
County Fips: Not reported
DEC Id: 7313200035
Emission Unit Id: Not reported
Process Id: Not reported
Contaminant Name/cas: Not reported
Epa Control Code: Not reported
Contol Eff: Not reported
Emissions: Not reported
Unit: Not reported

Permit Type: Not reported
Permit Status: Not reported
Issue Date: Not reported
Expiration Date: Not reported
County Fips: 36067
DEC Id: 7313200035
Emission Unit Id: U00007
Process Id: 701FP
Contaminant Name/cas: VOC
Epa Control Code: Not reported
Contol Eff: Not reported
Emissions: 0.00744999
Unit: TON

Permit Type: Not reported
Permit Status: Not reported
Issue Date: Not reported
Expiration Date: Not reported
County Fips: 36067
DEC Id: 7313200035
Emission Unit Id: U00001
Process Id: 103FP
Contaminant Name/cas: VOC
Epa Control Code: Not reported
Contol Eff: Not reported
Emissions: 2.246
Unit: TON

Permit Type: Not reported
Permit Status: Not reported
Issue Date: Not reported
Expiration Date: Not reported
County Fips: 36067
DEC Id: 7313200035
Emission Unit Id: U00006
Process Id: 601FP
Contaminant Name/cas: 129000
Epa Control Code: Not reported
Contol Eff: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WPS SYRACUSE GENERATION LLC (Continued)

S106534562

Emissions: 0
Unit: LB

Permit Type: Not reported
Permit Status: Not reported
Issue Date: Not reported
Expiration Date: Not reported
County Fips: 36067
DEC Id: 7313200035
Emission Unit Id: U00001
Process Id: 103FP
Contaminant Name/cas: PM10-PRI
Epa Control Code: Not reported
Contol Eff: Not reported
Emissions: 2.567
Unit: TON

Permit Type: Not reported
Permit Status: Not reported
Issue Date: Not reported
Expiration Date: Not reported
County Fips: 36067
DEC Id: 7313200035
Emission Unit Id: U00006
Process Id: 601FP
Contaminant Name/cas: NOX
Epa Control Code: Not reported
Contol Eff: Not reported
Emissions: 0.11
Unit: TON

Permit Type: Not reported
Permit Status: Not reported
Issue Date: Not reported
Expiration Date: Not reported
County Fips: 36067
DEC Id: 7313200035
Emission Unit Id: U00006
Process Id: 601FP
Contaminant Name/cas: 7440439
Epa Control Code: Not reported
Contol Eff: Not reported
Emissions: 0.0024
Unit: LB

Permit Type: Not reported
Permit Status: Not reported
Issue Date: Not reported
Expiration Date: Not reported
County Fips: 36067
DEC Id: 7313200035
Emission Unit Id: U00006
Process Id: 601FP
Contaminant Name/cas: 7440473
Epa Control Code: Not reported
Contol Eff: Not reported
Emissions: 0.0031

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WPS SYRACUSE GENERATION LLC (Continued)

S106534562

Unit: LB

Permit Type: Not reported
Permit Status: Not reported
Issue Date: Not reported
Expiration Date: Not reported
County Fips: 36067
DEC Id: 7313200035
Emission Unit Id: U00006
Process Id: 601FP
Contaminant Name/cas: 110543
Epa Control Code: Not reported
Contol Eff: Not reported
Emissions: 2.66000008
Unit: LB

Permit Type: Not reported
Permit Status: Not reported
Issue Date: Not reported
Expiration Date: Not reported
County Fips: 36067
DEC Id: 7313200035
Emission Unit Id: U00006
Process Id: 601FP
Contaminant Name/cas: 7440382
Epa Control Code: Not reported
Contol Eff: Not reported
Emissions: 0.0004
Unit: LB

Permit Type: Not reported
Permit Status: Not reported
Issue Date: Not reported
Expiration Date: Not reported
County Fips: 36067
DEC Id: 7313200035
Emission Unit Id: U00006
Process Id: 601FP
Contaminant Name/cas: SO2
Epa Control Code: Not reported
Contol Eff: Not reported
Emissions: 0.00066
Unit: TON

Permit Type: Not reported
Permit Status: Not reported
Issue Date: Not reported
Expiration Date: Not reported
County Fips: 36067
DEC Id: 7313200035
Emission Unit Id: U00006
Process Id: 601FP
Contaminant Name/cas: 7440417
Epa Control Code: Not reported
Contol Eff: Not reported
Emissions: 0
Unit: LB

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WPS SYRACUSE GENERATION LLC (Continued)

S106534562

Permit Type: Not reported
Permit Status: Not reported
Issue Date: Not reported
Expiration Date: Not reported
County Fips: 36067
DEC Id: 7313200035
Emission Unit Id: U00007
Process Id: 701FP
Contaminant Name/cas: CO
Epa Control Code: Not reported
Contol Eff: Not reported
Emissions: 0.019665
Unit: TON

Permit Type: Not reported
Permit Status: Not reported
Issue Date: Not reported
Expiration Date: Not reported
County Fips: 36067
DEC Id: 7313200035
Emission Unit Id: U00006
Process Id: 601FP
Contaminant Name/cas: 218019
Epa Control Code: Not reported
Contol Eff: Not reported
Emissions: 0
Unit: LB

Permit Type: Not reported
Permit Status: Not reported
Issue Date: Not reported
Expiration Date: Not reported
County Fips: 36067
DEC Id: 7313200035
Emission Unit Id: U00001
Process Id: 103FP
Contaminant Name/cas: SO2
Epa Control Code: Not reported
Contol Eff: Not reported
Emissions: 1.0125
Unit: TON

Permit Type: Not reported
Permit Status: Not reported
Issue Date: Not reported
Expiration Date: Not reported
County Fips: 36067
DEC Id: 7313200035
Emission Unit Id: U00001
Process Id: 103FP
Contaminant Name/cas: NOX
Epa Control Code: Not reported
Contol Eff: Not reported
Emissions: 7.425
Unit: TON

Permit Type: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WPS SYRACUSE GENERATION LLC (Continued)

S106534562

Permit Status: Not reported
Issue Date: Not reported
Expiration Date: Not reported
County Fips: 36067
DEC Id: 7313200035
Emission Unit Id: U00006
Process Id: 601FP
Contaminant Name/cas: 7439921
Epa Control Code: Not reported
Contol Eff: Not reported
Emissions: 0.0011
Unit: LB

Permit Type: Not reported
Permit Status: Not reported
Issue Date: Not reported
Expiration Date: Not reported
County Fips: 36067
DEC Id: 7313200035
Emission Unit Id: U00007
Process Id: 701FP
Contaminant Name/cas: PM10-PRI
Epa Control Code: Not reported
Contol Eff: Not reported
Emissions: 0.00641499
Unit: TON

Permit Type: Not reported
Permit Status: Not reported
Issue Date: Not reported
Expiration Date: Not reported
County Fips: 36067
DEC Id: 7313200035
Emission Unit Id: U00007
Process Id: 701FP
Contaminant Name/cas: NOX
Epa Control Code: Not reported
Contol Eff: Not reported
Emissions: 0.091285
Unit: TON

Permit Type: Not reported
Permit Status: Not reported
Issue Date: Not reported
Expiration Date: Not reported
County Fips: 36067
DEC Id: 7313200035
Emission Unit Id: U00006
Process Id: 601FP
Contaminant Name/cas: PM10-PRI
Epa Control Code: Not reported
Contol Eff: Not reported
Emissions: 0.00831
Unit: TON

Permit Type: Not reported
Permit Status: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WPS SYRACUSE GENERATION LLC (Continued)

S106534562

Issue Date: Not reported
Expiration Date: Not reported
County Fips: 36067
DEC Id: 7313200035
Emission Unit Id: U00006
Process Id: 601FP
Contaminant Name/cas: 7782492
Epa Control Code: Not reported
Contol Eff: Not reported
Emissions: 0.0001
Unit: LB

Permit Type: Not reported
Permit Status: Not reported
Issue Date: Not reported
Expiration Date: Not reported
County Fips: 36067
DEC Id: 7313200035
Emission Unit Id: U00005
Process Id: 501FP
Contaminant Name/cas: NOX
Epa Control Code: Not reported
Contol Eff: Not reported
Emissions: 0.02189999
Unit: TON

Permit Type: Not reported
Permit Status: Not reported
Issue Date: Not reported
Expiration Date: Not reported
County Fips: 36067
DEC Id: 7313200035
Emission Unit Id: U00005
Process Id: 501FP
Contaminant Name/cas: VOC
Epa Control Code: Not reported
Contol Eff: Not reported
Emissions: 0.000685
Unit: TON

Permit Type: Not reported
Permit Status: Not reported
Issue Date: Not reported
Expiration Date: Not reported
County Fips: 36067
DEC Id: 7313200035
Emission Unit Id: U00001
Process Id: 104FP
Contaminant Name/cas: CO
Epa Control Code: Not reported
Contol Eff: Not reported
Emissions: 0.632
Unit: TON

Permit Type: Not reported
Permit Status: Not reported
Issue Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WPS SYRACUSE GENERATION LLC (Continued)

S106534562

Expiration Date: Not reported
County Fips: 36067
DEC Id: 7313200035
Emission Unit Id: U00006
Process Id: 601FP
Contaminant Name/cas: 7439965
Epa Control Code: Not reported
Contol Eff: Not reported
Emissions: 0.0008
Unit: LB

Permit Type: Not reported
Permit Status: Not reported
Issue Date: Not reported
Expiration Date: Not reported
County Fips: 36067
DEC Id: 7313200035
Emission Unit Id: U00006
Process Id: 601FP
Contaminant Name/cas: 50328
Epa Control Code: Not reported
Contol Eff: Not reported
Emissions: 0
Unit: LB

Permit Type: Not reported
Permit Status: Not reported
Issue Date: Not reported
Expiration Date: Not reported
County Fips: 36067
DEC Id: 7313200035
Emission Unit Id: U00006
Process Id: 601FP
Contaminant Name/cas: 205992
Epa Control Code: Not reported
Contol Eff: Not reported
Emissions: 0
Unit: LB

Permit Type: Not reported
Permit Status: Not reported
Issue Date: Not reported
Expiration Date: Not reported
County Fips: 36067
DEC Id: 7313200035
Emission Unit Id: U00001
Process Id: 104FP
Contaminant Name/cas: NOX
Epa Control Code: Not reported
Contol Eff: Not reported
Emissions: 5.775
Unit: TON

Permit Type: Not reported
Permit Status: Not reported
Issue Date: Not reported
Expiration Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WPS SYRACUSE GENERATION LLC (Continued)

S106534562

County Fips: 36067
DEC Id: 7313200035
Emission Unit Id: U00006
Process Id: 601FP
Contaminant Name/cas: 50000
Epa Control Code: Not reported
Contol Eff: Not reported
Emissions: 0.10999999
Unit: LB

Permit Type: Not reported
Permit Status: Not reported
Issue Date: Not reported
Expiration Date: Not reported
County Fips: 36067
DEC Id: 7313200035
Emission Unit Id: U00001
Process Id: 104FP
Contaminant Name/cas: VOC
Epa Control Code: Not reported
Contol Eff: Not reported
Emissions: 4.2425
Unit: TON

Permit Type: Not reported
Permit Status: Not reported
Issue Date: Not reported
Expiration Date: Not reported
County Fips: 36067
DEC Id: 7313200035
Emission Unit Id: U00001
Process Id: 103FP
Contaminant Name/cas: CO
Epa Control Code: Not reported
Contol Eff: Not reported
Emissions: 0.8125
Unit: TON

Permit Type: Not reported
Permit Status: Not reported
Issue Date: Not reported
Expiration Date: Not reported
County Fips: 36067
DEC Id: 7313200035
Emission Unit Id: U00006
Process Id: 601FP
Contaminant Name/cas: 207089
Epa Control Code: Not reported
Contol Eff: Not reported
Emissions: 0
Unit: LB

Permit Type: Not reported
Permit Status: Not reported
Issue Date: Not reported
Expiration Date: Not reported
County Fips: 36067

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WPS SYRACUSE GENERATION LLC (Continued)

S106534562

DEC Id: 7313200035
Emission Unit Id: U00006
Process Id: 601FP
Contaminant Name/cas: 71432
Epa Control Code: Not reported
Contol Eff: Not reported
Emissions: 0.0031
Unit: LB

Permit Type: Not reported
Permit Status: Not reported
Issue Date: Not reported
Expiration Date: Not reported
County Fips: 36067
DEC Id: 7313200035
Emission Unit Id: U00006
Process Id: 601FP
Contaminant Name/cas: 191242
Epa Control Code: Not reported
Contol Eff: Not reported
Emissions: 0
Unit: LB

Permit Type: Not reported
Permit Status: Not reported
Issue Date: Not reported
Expiration Date: Not reported
County Fips: 36067
DEC Id: 7313200035
Emission Unit Id: U00006
Process Id: 601FP
Contaminant Name/cas: 120127
Epa Control Code: Not reported
Contol Eff: Not reported
Emissions: 0
Unit: LB

Permit Type: Not reported
Permit Status: Not reported
Issue Date: Not reported
Expiration Date: Not reported
County Fips: 36067
DEC Id: 7313200035
Emission Unit Id: U00006
Process Id: 601FP
Contaminant Name/cas: 108883
Epa Control Code: Not reported
Contol Eff: Not reported
Emissions: 0.005
Unit: LB

Permit Type: Not reported
Permit Status: Not reported
Issue Date: Not reported
Expiration Date: Not reported
County Fips: 36067
DEC Id: 7313200035

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WPS SYRACUSE GENERATION LLC (Continued)

S106534562

Emission Unit Id: U00001
Process Id: 104FP
Contaminant Name/cas: PM10-PRI
Epa Control Code: Not reported
Contol Eff: Not reported
Emissions: 2.995
Unit: TON

Permit Type: Not reported
Permit Status: Not reported
Issue Date: Not reported
Expiration Date: Not reported
County Fips: 36067
DEC Id: 7313200035
Emission Unit Id: U00006
Process Id: 601FP
Contaminant Name/cas: 56553
Epa Control Code: Not reported
Contol Eff: Not reported
Emissions: 0
Unit: LB

Permit Type: Not reported
Permit Status: Not reported
Issue Date: Not reported
Expiration Date: Not reported
County Fips: 36067
DEC Id: 7313200035
Emission Unit Id: U00005
Process Id: 501FP
Contaminant Name/cas: SO2
Epa Control Code: Not reported
Contol Eff: Not reported
Emissions: 0.001125
Unit: TON

Permit Type: Not reported
Permit Status: Not reported
Issue Date: Not reported
Expiration Date: Not reported
County Fips: 36067
DEC Id: 7313200035
Emission Unit Id: U00005
Process Id: 501FP
Contaminant Name/cas: PM10-PRI
Epa Control Code: Not reported
Contol Eff: Not reported
Emissions: 0.00038999
Unit: TON

Permit Type: Not reported
Permit Status: Not reported
Issue Date: Not reported
Expiration Date: Not reported
County Fips: 36067
DEC Id: 7313200035
Emission Unit Id: U00001

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WPS SYRACUSE GENERATION LLC (Continued)

S106534562

Process Id: 104FP
Contaminant Name/cas: SO2
Epa Control Code: Not reported
Contol Eff: Not reported
Emissions: 0.7875
Unit: TON

Permit Type: Not reported
Permit Status: Not reported
Issue Date: Not reported
Expiration Date: Not reported
County Fips: 36067
DEC Id: 7313200035
Emission Unit Id: U00006
Process Id: 601FP
Contaminant Name/cas: 206440
Epa Control Code: Not reported
Contol Eff: Not reported
Emissions: 0
Unit: LB

Permit Type: Not reported
Permit Status: Not reported
Issue Date: Not reported
Expiration Date: Not reported
County Fips: 36067
DEC Id: 7313200035
Emission Unit Id: U00005
Process Id: 501FP
Contaminant Name/cas: CO
Epa Control Code: Not reported
Contol Eff: Not reported
Emissions: 0.0058
Unit: TON

**I35
ESE
> 1
1.146 mi.
6051 ft.**

**SYRACUSE GENERATING FACILITY
300 BELLE ISLE ROAD
SOLVAY, NY 13209
Site 3 of 6 in cluster I**

**CBS AST S103559613
HIST AST N/A
CBS**

**Relative:
Lower**

CBS AST:
CBS Number: 7-000244
Region: STATE
ICS Number: Not reported
PBS Number: 7-600165
MOSF Number: Not reported
Telephone: (315) 487-8399
Facility Town: GEDDES
Operator: SHAWN MALLOY
Emrgncy Contact: SHAWN MALLOY
Emrgncy Phone: (315) 673-4752
Expiration Date: 12/18/2002
Owner Name: CH RESOURCES
Owner Address: 110 MAIN STREET
Owner City,St,Zip: POUGHKEEPSIE, NY 12601
Owner Telephone: (914) 485-5772
Owner type: Corporate/Commercial

**Actual:
398 ft.**

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SYRACUSE GENERATING FACILITY (Continued)

S103559613

Facility Type: UTILITY
Mail Name: CH RESOURCES
Mail Contact Addr: 110 MAIN STREET
Mail Contact Addr2: Not reported
Mail Contact Contact: GARY THORN, P.E.
Mail Contact City,St,Zip: POUGHKEEPSIE, NY 12601
Mail Phone: (914) 485-5772
SPDES Number: 0-231681
Facility Status: ACTIVE FACILITY
Owner Sub Type: Not reported

Tank Id: AST #1
Date Entered: 12/31/1992
Capacity (Gal): 5000
Chemical: Sulfuric acid
Tank Closed: Not reported
Tank Status: In Service
Tank Type: Steel/carbon steel
Install Date: 12/92
Certified Date: 10/11/2000
CAS Number: 7664939
Substance: Single Hazardous Substance on DEC List
Tank Location: ABOVEGROUND
Intrnl Protection: Other
Extrnl Protection: Painted/Asphalt Coating,Painted/Asphalt Coating
Pipe Location: Aboveground
Pipe Type: STEEL/IRON
Pipe Internal: None
Pipe External: 11
Pipe Containment: Diking,Painted/Asphalt Coating
Tank Containment: Diking,Painted/Asphalt Coating
Leak Detection: None,None
Overfill Protection: High Level Alarm,Jacketed
Haz Percent: 93
Total Tanks: 4
Tank Secret: False
Last Test: Not reported
Due Date: Not reported
Tank Error Status: No Missing Data
SWIS Code: 3132
Lat/Long: 43|03|58 / 76|13|30
Pipe Flag: False
Federal ID: Not reported
Is Updated: F
Renew Date: / /
Is it There: F
Deliquent: F
Date Expired: 12/31/94
Owner Mark: 2
Certificate Needs to be Printed: False
Fiscal Amt for Registration Fee Correct: True
Renewal Has Been Printed for Facility: True
Pre-Printed Renewal App Last Printed: 09/07/2000
Total Capacity of All Active Tanks(gal): 20980

Tank Id: CST #1

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SYRACUSE GENERATING FACILITY (Continued)

S103559613

Date Entered: 12/31/1992
Capacity (Gal): 5000
Chemical: Sodium hydroxide
Tank Closed: Not reported
Tank Status: In Service
Tank Type: Steel/carbon steel
Install Date: 12/92
Certified Date: 10/11/2000
CAS Number: 1310732
Substance: Single Hazardous Substance on DEC List
Tank Location: ABOVEGROUND
Intrnl Protection: Epoxy Liner
Extrnl Protection: Painted/Asphalt Coating,Painted/Asphalt Coating
Pipe Location: Aboveground
Pipe Type: STEEL/IRON
Pipe Internal: None
Pipe External: 11
Pipe Containment: Diking,Painted/Asphalt Coating
Tank Containment: Diking,Painted/Asphalt Coating
Leak Detection: None,None
Overfill Protection: High Level Alarm,Jacketed
Haz Percent: 50
Total Tanks: 4
Tank Secret: False
Last Test: Not reported
Due Date: Not reported
Tank Error Status: No Missing Data
SWIS Code: 3132
Lat/Long: 43|03|58 / 76|13|30
Pipe Flag: False
Federal ID: Not reported
Is Updated: F
Renew Date: / /
Is it There: F
Deliquent: F
Date Expired: 12/31/94
Owner Mark: 2
Certificate Needs to be Printed: False
Fiscal Amt for Registration Fee Correct: True
Renewal Has Been Printed for Facility: True
Pre-Printed Renewal App Last Printed: 09/07/2000
Total Capacity of All Active Tanks(gal): 20980

Tank Id: AST #3
Date Entered: 11/21/1996
Capacity (Gal): 1000
Chemical: Sulfuric acid
Tank Closed: Not reported
Tank Status: In Service
Tank Type: Fiberglass reinforced plastic [FRP]
Install Date: 10/95
Certified Date: 10/11/2000
CAS Number: 7664939
Substance: Single Hazardous Substance on DEC List
Tank Location: ABOVEGROUND ON SADDLES LEGS, STILTS, RACK, OR CRADLE
Intrnl Protection: None

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SYRACUSE GENERATING FACILITY (Continued)

S103559613

Extrnl Protection: None
Pipe Location: Aboveground
Pipe Type: STEEL/IRON
Pipe Internal: None
Pipe External: 0
Pipe Containment: Diking,Jacketed
Tank Containment: Diking,Jacketed
Leak Detection: Other
Overfill Protection: Product Level Gauge
Haz Percent: 98
Total Tanks: 4
Tank Secret: False
Last Test: Not reported
Due Date: Not reported
Tank Error Status: No Missing Data
SWIS Code: 3132
Lat/Long: 43|03|58 / 76|13|30
Pipe Flag: False
Federal ID: Not reported
Is Updated: F
Renew Date: / /
Is it There: F
Delinquent: F
Date Expired: 12/31/94
Owner Mark: 2
Certificate Needs to be Printed: False
Fiscal Amt for Registration Fee Correct: True
Renewal Has Been Printed for Facility: True
Pre-Printed Renewal App Last Printed: 09/07/2000
Total Capacity of All Active Tanks(gal): 20980

Tank Id: AST #2
Date Entered: 04/18/1996
Capacity (Gal): 9980
Chemical: Ammonium hydroxide
Tank Closed: Not reported
Tank Status: In Service
Tank Type: Steel/carbon steel
Install Date: 05/96
Certified Date: 10/11/2000
CAS Number: 1336216
Substance: Single Hazardous Substance on DEC List
Tank Location: ABOVEGROUND
Intrnl Protection: None
Extrnl Protection: Painted/Asphalt Coating
Pipe Location: Aboveground
Pipe Type: STEEL/IRON
Pipe Internal: None
Pipe External: 0
Pipe Containment: None
Tank Containment: Diking
Leak Detection: Electronic
Overfill Protection: High Level Alarm
Haz Percent: 29
Total Tanks: 4
Tank Secret: False

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SYRACUSE GENERATING FACILITY (Continued)

S103559613

Last Test: Not reported
Due Date: Not reported
Tank Error Status: No Missing Data
SWIS Code: 3132
Lat/Long: 43|03|58 / 76|13|30
Pipe Flag: False
Federal ID: Not reported
Is Updated: F
Renew Date: / /
Is it There: F
Delinquent: F
Date Expired: 12/31/94
Owner Mark: 2
Certificate Needs to be Printed: False
Fiscal Amt for Registration Fee Correct: True
Renewal Has Been Printed for Facility: True
Pre-Printed Renewal App Last Printed: 09/07/2000
Total Capacity of All Active Tanks(gal): 20980

HIST AST:

PBS Number: 7-600165
SWIS Code: 3132
Operator: SHAWN MALLOY
Facility Phone: (315) 487-8399
Facility Addr2: Not reported
Facility Type: OTHER
Emergency: SHAWN MALLOY
Emergency Tel: (315) 673-4752
Old PBSNO: Not reported
Date Inspected: Not reported
Inspector: Not reported
Result of Inspection: Not reported
Owner Name: CH RESOURCES, C/O CENTRAL HUDSON ENTERPRISES
Owner Address: 110 MAIN ST.
Owner City,St,Zip: POUGHKEEPSIE, NY 12601
Federal ID: Not reported
Owner Tel: (914) 485-5772
Owner Type: Corporate/Commercial
Owner Subtype: Not reported
Mailing Contact: GARY THORN, P.E.
Mailing Name: CH RESOURCES, C/O CENTRAL HUDSON ENTERPRISES
Mailing Address: 110 MAIN ST.
Mailing Address 2: Not reported
Mailing City,St,Zip: POUGHKEEPSIE, NY 12601
Mailing Telephone: (914) 485-5772
Owner Mark: Second Owner
Facility Status: 1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Certification Flag: False
Certification Date: 03/05/1999
Expiration: 02/04/2004
Renew Flag: False
Renew Date: Not reported
Total Capacity: 390934
FAMT: True
Facility Screen: No Missing Data

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SYRACUSE GENERATING FACILITY (Continued)

S103559613

Owner Screen: No Missing Data
Tank Screen: No Missing Data
Dead Letter: False
CBS Number: 7-000244
Town or City: GEDDES
County Code: 31
Town or City Code: 32
Region: 7

Tank ID: F83-AA004
Tank Location: ABOVEGROUND
Tank Status: In Service
Install Date: 19930301
Capacity (Gal): 250
Product Stored: NOS 1,2, OR 4 FUEL OIL
Tank Type: Steel/carbon steel
Tank Internal: 0
Tank External: 01
Pipe Location: Aboveground
Pipe Type: STEEL/IRON
Pipe Internal: None
Pipe External: 01
Tank Containment: 89
Leak Detection: 09
Overfill Protection: 24
Dispenser Method: Suction
Date Tested: Not reported
Next Test Date: Not reported
Missing Data for Tank: No Missing Data
Date Closed: Not reported
Test Method: Not reported
Deleted: False
Updated: True
SPDES Number: 0-231681
Lat/Long: 43|03|58 / 76|13|30

Tank ID: F83-AA005
Tank Location: ABOVEGROUND
Tank Status: In Service
Install Date: 19930301
Capacity (Gal): 250
Product Stored: NOS 1,2, OR 4 FUEL OIL
Tank Type: Steel/carbon steel
Tank Internal: 0
Tank External: 01
Pipe Location: Aboveground
Pipe Type: STEEL/IRON
Pipe Internal: None
Pipe External: 01
Tank Containment: 89
Leak Detection: 09
Overfill Protection: 24
Dispenser Method: Gravity
Date Tested: Not reported
Next Test Date: Not reported
Missing Data for Tank: No Missing Data

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SYRACUSE GENERATING FACILITY (Continued)

S103559613

Date Closed: Not reported
Test Method: Not reported
Deleted: False
Updated: True
SPDES Number: 0-231681
Lat/Long: 43|03|58 / 76|13|30

Tank ID: F83-AA006
Tank Location: ABOVEGROUND
Tank Status: In Service
Install Date: 19930301
Capacity (Gal): 700
Product Stored: NOS 1,2, OR 4 FUEL OIL
Tank Type: Steel/carbon steel
Tank Internal: 0
Tank External: 01
Pipe Location: Aboveground
Pipe Type: STEEL/IRON
Pipe Internal: None
Pipe External: 01
Tank Containment: 89
Leak Detection: 09
Overfill Protection: 24
Dispenser Method: Suction
Date Tested: Not reported
Next Test Date: Not reported
Missing Data for Tank: No Missing Data
Date Closed: Not reported
Test Method: Not reported
Deleted: False
Updated: True
SPDES Number: 0-231681
Lat/Long: 43|03|58 / 76|13|30

Tank ID: F83-AD001
Tank Location: ABOVEGROUND
Tank Status: In Service
Install Date: 19930101
Capacity (Gal): 350000
Product Stored: NOS 1,2, OR 4 FUEL OIL
Tank Type: Steel/carbon steel
Tank Internal: 0
Tank External: 01
Pipe Location: Aboveground/Underground Combination
Pipe Type: STEEL/IRON
Pipe Internal: None
Pipe External: 13
Tank Containment: 29
Leak Detection: 59
Overfill Protection: 24
Dispenser Method: Suction
Date Tested: Not reported
Next Test Date: Not reported
Missing Data for Tank: No Missing Data
Date Closed: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SYRACUSE GENERATING FACILITY (Continued)

S103559613

Test Method: Not reported
Deleted: False
Updated: True
SPDES Number: 0-231681
Lat/Long: 43|03|58 / 76|13|30

Tank ID: N21-CL009A
Tank Location: ABOVEGROUND
Tank Status: In Service
Install Date: 19930301
Capacity (Gal): 30
Product Stored: UNKNOWN
Tank Type: Steel/carbon steel
Tank Internal: 0
Tank External: 11
Pipe Location: Aboveground
Pipe Type: STEEL/IRON
Pipe Internal: None
Pipe External: 11
Tank Containment: None
Leak Detection: 00
Overfill Protection: 04
Dispenser Method: Suction
Date Tested: Not reported
Next Test Date: Not reported
Missing Data for Tank: No Missing Data
Date Closed: Not reported
Test Method: Not reported
Deleted: False
Updated: True
SPDES Number: 0-231681
Lat/Long: 43|03|58 / 76|13|30

Tank ID: N21-CL009B
Tank Location: ABOVEGROUND
Tank Status: In Service
Install Date: 19930301
Capacity (Gal): 30
Product Stored: UNKNOWN
Tank Type: Steel/carbon steel
Tank Internal: 0
Tank External: 11
Pipe Location: Aboveground
Pipe Type: STEEL/IRON
Pipe Internal: None
Pipe External: 11
Tank Containment: None
Leak Detection: 00
Overfill Protection: 04
Dispenser Method: Suction
Date Tested: Not reported
Next Test Date: Not reported
Missing Data for Tank: No Missing Data
Date Closed: Not reported
Test Method: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SYRACUSE GENERATING FACILITY (Continued)

S103559613

Deleted: False
Updated: True
SPDES Number: 0-231681
Lat/Long: 43|03|58 / 76|13|30

Tank ID: N31-AA001
Tank Location: ABOVEGROUND
Tank Status: In Service
Install Date: 19930301
Capacity (Gal): 4624
Product Stored: UNKNOWN
Tank Type: Steel/carbon steel
Tank Internal: 0
Tank External: 01
Pipe Location: Aboveground
Pipe Type: STEEL/IRON
Pipe Internal: None
Pipe External: 01
Tank Containment: 79
Leak Detection: 09
Overfill Protection: 24
Dispenser Method: Suction
Date Tested: Not reported
Next Test Date: Not reported
Missing Data for Tank: No Missing Data
Date Closed: Not reported
Test Method: Not reported
Deleted: False
Updated: True
SPDES Number: 0-231681
Lat/Long: 43|03|58 / 76|13|30

Tank ID: N59-AA003
Tank Location: ABOVEGROUND
Tank Status: In Service
Install Date: 19930301
Capacity (Gal): 18000
Product Stored: UNKNOWN
Tank Type: Steel/carbon steel
Tank Internal: 0
Tank External: 01
Pipe Location: Aboveground
Pipe Type: STEEL/IRON
Pipe Internal: None
Pipe External: 01
Tank Containment: 79
Leak Detection: 09
Overfill Protection: 04
Dispenser Method: Suction
Date Tested: Not reported
Next Test Date: Not reported
Missing Data for Tank: No Missing Data
Date Closed: Not reported
Test Method: Not reported
Deleted: False

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SYRACUSE GENERATING FACILITY (Continued)

S103559613

Updated: True
SPDES Number: 0-231681
Lat/Long: 43|03|58 / 76|13|30

Tank ID: N59-AA004
Tank Location: ABOVEGROUND
Tank Status: In Service
Install Date: 19930301
Capacity (Gal): 8600
Product Stored: UNKNOWN
Tank Type: Steel/carbon steel
Tank Internal: 0
Tank External: 01
Pipe Location: Aboveground
Pipe Type: STEEL/IRON
Pipe Internal: None
Pipe External: 01
Tank Containment: 79
Leak Detection: 09
Overfill Protection: 04
Dispenser Method: Suction
Date Tested: Not reported
Next Test Date: Not reported
Missing Data for Tank: No Missing Data
Date Closed: Not reported
Test Method: Not reported
Deleted: False
Updated: True
SPDES Number: 0-231681
Lat/Long: 43|03|58 / 76|13|30

Tank ID: T43-AA001
Tank Location: ABOVEGROUND ON SADDLES LEGS, STILTS, RACK, OR CRADLE
Tank Status: In Service
Install Date: 19930301
Capacity (Gal): 250
Product Stored: DIESEL
Tank Type: Steel/carbon steel
Tank Internal: 0
Tank External: 11
Pipe Location: Aboveground
Pipe Type: STEEL/IRON
Pipe Internal: None
Pipe External: 11
Tank Containment: 79
Leak Detection: 00
Overfill Protection: 04
Dispenser Method: Gravity
Date Tested: Not reported
Next Test Date: Not reported
Missing Data for Tank: No Missing Data
Date Closed: Not reported
Test Method: Not reported
Deleted: False
Updated: True

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SYRACUSE GENERATING FACILITY (Continued)

S103559613

SPDES Number: 0-231681
Lat/Long: 43|03|58 / 76|13|30

Tank ID: TK-601
Tank Location: ABOVEGROUND
Tank Status: In Service
Install Date: 19930301
Capacity (Gal): 8200
Product Stored: UNKNOWN
Tank Type: Steel/carbon steel
Tank Internal: 0
Tank External: 01
Pipe Location: Aboveground
Pipe Type: STEEL/IRON
Pipe Internal: None
Pipe External: 01
Tank Containment: 89
Leak Detection: 09
Overfill Protection: 24
Dispenser Method: Suction
Date Tested: Not reported
Next Test Date: Not reported
Missing Data for Tank: No Missing Data
Date Closed: Not reported
Test Method: Not reported
Deleted: False
Updated: True
SPDES Number: 0-231681
Lat/Long: 43|03|58 / 76|13|30

CBS:

CBS Number: 7-000244
Program Type: CBS
Dec Region: 7
Expiration Date: 2011/10/02
Facility Status: Active
UTMX: 400343.82653000
UTMY: 4768974.3533300

I36
ESE
> 1
1.146 mi.
6051 ft.

WPS SYRACUSE GENERATION LLC
300 BELLE ISLE ROAD
SOLVAY, NY 13209

RCRA-NonGen **1000872456**
FINDS **NYD987036696**

Site 4 of 6 in cluster I

Relative:
Lower

RCRA-NonGen:
Date form received by agency: 01/01/2007
Facility name: WPS SYRACUSE GENERATION LLC
Facility address: 300 BELLE ISLE RD
SYRACUSE GENERATING FAC
SOLVAY, NY 13209
EPA ID: NYD987036696
Mailing address: BELLE ISLE RD
SYRACUSE GENERATING FAC
SOLVAY, NY 13209
Contact: RANDAL OSWALD

Actual:
398 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WPS SYRACUSE GENERATION LLC (Continued)

1000872456

Contact address: BELLE ISLE RD
SOLVAY, NY 13209
Contact country: US
Contact telephone: (920) 433-1395
Contact email: Not reported
EPA Region: 02
Land type: Private
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: WPS SYRACUSE GENERATION LLC
Owner/operator address: 300 BELLE ISLE RD SYRACUSE GENERATING FAC
SOLVAY, NY 13209
Owner/operator country: US
Owner/operator telephone: (920) 433-1395
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 01/01/2001
Owner/Op end date: Not reported

Owner/operator name: WPS SYRACUSE GENERATION LLC
Owner/operator address: 300 BELLE ISLE RD SYRACUSE GENERATING FAC
SOLVAY, NY 13209
Owner/operator country: US
Owner/operator telephone: (920) 433-1395
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 01/01/2001
Owner/Op end date: Not reported

Handler accessibility indicator: Transferred to the program or state equivalent.

Handler Activities Summary:

U.S. importer of hazardous waste: Unknown
Mixed waste (haz. and radioactive): Unknown
Recycler of hazardous waste: No
Transporter of hazardous waste: Unknown
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: Unknown
Furnace exemption: Unknown
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Commercial status unknown

Historical Generators:

Date form received by agency: 01/01/2006
Facility name: WPS SYRACUSE GENERATION LLC
Classification: Not a generator, verified

Date form received by agency: 11/07/2002

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WPS SYRACUSE GENERATION LLC (Continued)

1000872456

Facility name: WPS SYRACUSE GENERATION LLC
Classification: Small Quantity Generator

Date form received by agency: 02/20/2002

Facility name: WPS SYRACUSE GENERATION LLC
Classification: Small Quantity Generator

Date form received by agency: 04/08/1999

Facility name: WPS SYRACUSE GENERATION LLC
Classification: Small Quantity Generator

Violation Status: No violations found

Evaluation Action Summary:

Evaluation date: 09/06/1996
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

FINDS:

Registry ID: 110001600189

Environmental Interest/Information System
Not reported

AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.

CAMDBS (Clean Air Markets Division Business System) is a national information system that supports the implementation of market-based air pollution control programs administered by the Clean Air Markets Division, within the Office of Air and Radiation. These programs include the Acid Rain Program, established by Title IV of the Clean Air Act Amendments of 1990, and regional programs designed reduce the transport of ozone. These emissions trading programs allows regulated facilities (primarily electric utilities) to adopt the most cost-effective strategies to reduce emissions at their units. Units that reduce their emissions below the number of allowances they hold -- each allowance is equivalent to one ton of sulfur dioxide or nitrogen oxides -- may trade allowances with other units in their system, sell them to other utilities on the open market or through EPA auctions, or bank them to cover emissions in future years. CAMDBS functions include registering responsible officials, establishing allowance accounts, reporting hourly emissions data, and transferring allowances between accounts.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WPS SYRACUSE GENERATION LLC (Continued)

1000872456

The NEI (National Emissions Inventory) database contains information on stationary and mobile sources that emit criteria air pollutants and their precursors, as well as hazardous air pollutants (HAPs).

US EPA TRIS (Toxics Release Inventory System) contains information from facilities on the amounts of over 300 listed toxic chemicals that these facilities release directly to air, water, land, or that are transported off-site.

US Emissions & Generation Resource Database (EGRID) contains data on emissions and resource mix for virtually every power plant and company that generates electricity in the United States.

US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

FIS (New York - Facility Information System) is New York's Department of Environmental Conservation (DEC) information system for tracking environmental facility information found across the State.

PCS (Permit Compliance System) is a computerized management information system that contains data on National Pollutant Discharge Elimination System (NPDES) permit holding facilities. PCS tracks the permit, compliance, and enforcement status of NPDES facilities.

US EPA RACT/BACT/LAER Clearinghouse (RBLC) database contains case-specific information on the "Best Available" air pollution technologies that have been required to reduce the emission of air pollutants from stationary sources (e.g., power plants, steel mills, chemical plants, etc.). RACT, or Reasonably Available Control Technology, is required on existing sources in areas that are not meeting national ambient air quality standards. BACT, or Best Available Control Technology, is required on major new or modified sources in clean areas. LAER, or Lowest Achievable Emission Rate, is required on major new or modified sources in non-attainment areas.

US EPA Risk Management Plan (RMP) database stores the risk management plans reported by companies that handle, manufacture, use, or store certain flammable or toxic substances, as required under section 112(r) of the Clean Air Act (CAA).

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

I37
 ESE
 > 1
 1.146 mi.
 6051 ft.

KAMINE/BESICORP SYRACUSE COGEN
300 BELLE ISLE RD
SOLVAY, NY 13209
 Site 5 of 6 in cluster I

TSCA 1005929760
 N/A

Relative:
 Lower

[Click this hyperlink](#) while viewing on your computer to access additional TSCA detail in the EDR Site Report.

Actual:
 398 ft.
 I38
 ESE
 > 1
 1.146 mi.
 6051 ft.

WPS SYRACUSE GENERATION
300 BELLE ISLE ROAD
SOLVAY, NY 13209
 Site 6 of 6 in cluster I

NPDES S108160751
 N/A

Relative:
 Lower

SPDES:

Actual:
 398 ft.

Permit Number:	NY0231681
State-Region:	07
Expiration Date:	11/30/2011
Current Major Minor Status:	Minor
Primary Facility SIC Code:	4911
State Water Body Name:	GEDDES BK
Limit Set Status Flag:	A
Total Actual Average Flow(MGD):	0.165
Total App Design Flow(MGD):	Not reported
UDF1:	DMR
Lat/Long:	43.067639 / -76.226806
DMR Cognizant Official:	STEVEN G NANN, ENV ENG
UDF2:	000702
UDF3:	D
FIPS County Code:	NY067
Supplemental Address:	Not reported
Non-Gov Permit Affiliation Type Desc:	Permittee
Non-Gov Permit Org Formal Name:	WPS SYRACUSE GENERATION
Non-Gov Permit Street Address:	1716 LAWRENCE DRIVE
Non-Gov Permit Supplemental Location:	Not reported
Non-Gov Permit City:	DEPERE
Non-Gov Permit State Code:	WI
Non-Gov Permit Zip Code:	54115
Non-Gov Facility Affiliation Type Desc:	Owner
Non-Gov Facility Org Formal Name:	WPS SYRACUSE GENERATION LLC
Non-Gov Facility Street Address:	WPS SYRACUSE GENERATION
Non-Gov Facility Supplemental Location:	1716 LAWRENCE DRIVE
Non-Gov Facility City:	DEPERE
Non-Gov Facility State Code:	WI
Non-Gov Facility Zip Code:	54115
State Water Body:	04140201360
UDF2:	000702
UDF3:	D
FIPS County Code:	NY067
Supplemental Address:	Not reported
Non-Gov Permit Affiliation Type Desc:	Permittee
Non-Gov Permit Org Formal Name:	WPS SYRACUSE GENERATION
Non-Gov Permit Street Address:	1716 LAWRENCE DRIVE
Non-Gov Permit Supplemental Location:	Not reported
Non-Gov Permit City:	DEPERE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WPS SYRACUSE GENERATION (Continued)

S108160751

Non-Gov Permit State Code: WI
Non-Gov Permit Zip Code: 54115
Non-Gov Facility Affiliation Type Desc: Mailing Address
Non-Gov Facility Org Formal Name: WPS SYRACUSE GENERATION LLC
Non-Gov Facility Street Address: WPS SYRACUSE GENERATION
Non-Gov Facility Supplemental Location: 300 BELLE ISLE ROAD
Non-Gov Facility City: SOLVAY
Non-Gov Facility State Code: NY
Non-Gov Facility Zip Code: 13209
State Water Body: 04140201360

UDF2: 000702
UDF3: D
FIPS County Code: NY067
Supplemental Address: Not reported

Non-Gov Permit Affiliation Type Desc: DMR Mailing Address
Non-Gov Permit Org Formal Name: WPS SYRACUSE GENERATION LLC
Non-Gov Permit Street Address: WPS SYRACUSE GENERATION
Non-Gov Permit Supplemental Location: 300 BELLE ISLE ROAD
Non-Gov Permit City: SOLVAY
Non-Gov Permit State Code: NY
Non-Gov Permit Zip Code: 13209
Non-Gov Facility Affiliation Type Desc: Mailing Address
Non-Gov Facility Org Formal Name: WPS SYRACUSE GENERATION LLC
Non-Gov Facility Street Address: WPS SYRACUSE GENERATION
Non-Gov Facility Supplemental Location: 300 BELLE ISLE ROAD
Non-Gov Facility City: SOLVAY
Non-Gov Facility State Code: NY
Non-Gov Facility Zip Code: 13209
State Water Body: 04140201360

UDF2: 000702
UDF3: D
FIPS County Code: NY067
Supplemental Address: Not reported

Non-Gov Permit Affiliation Type Desc: DMR Mailing Address
Non-Gov Permit Org Formal Name: WPS SYRACUSE GENERATION LLC
Non-Gov Permit Street Address: WPS SYRACUSE GENERATION
Non-Gov Permit Supplemental Location: 300 BELLE ISLE ROAD
Non-Gov Permit City: SOLVAY
Non-Gov Permit State Code: NY
Non-Gov Permit Zip Code: 13209
Non-Gov Facility Affiliation Type Desc: Owner
Non-Gov Facility Org Formal Name: WPS SYRACUSE GENERATION LLC
Non-Gov Facility Street Address: WPS SYRACUSE GENERATION
Non-Gov Facility Supplemental Location: 1716 LAWRENCE DRIVE
Non-Gov Facility City: DEPERE
Non-Gov Facility State Code: WI
Non-Gov Facility Zip Code: 54115
State Water Body: 04140201360

MAP FINDINGS

Map ID			EDR ID Number
Direction			EPA ID Number
Distance			
Elevation	Site	Database(s)	

J39	FINGERLAKES COLLISION	NY Spills	S102125938
West	6171 AIRPORT ROAD	NY Hist Spills	N/A
> 1	CAMILLUS, NY		
1.148 mi.			
6060 ft.	Site 1 of 3 in cluster J		

Relative:	NY Spills:		
Higher	Site ID:	119347	
	Facility Addr2:	Not reported	
	Facility ID:	9412426	
Actual:	Spill Number:	9412426	
400 ft.	Facility Type:	ER	
	SWIS:	3420	
	Investigator:	CFMANNES	
	Referred To:	Not reported	
	Spill Date:	12/13/1994	
	Reported to Dept:	12/14/1994	
	CID:	Not reported	
	Spill Cause:	Traffic Accident	
	Water Affected:	Not reported	
	Spill Source:	Commercial Vehicle	
	Spill Notifier:	Police Department	
	Cleanup Ceased:	12/14/1994	
	Cleanup Meets Std:	True	
	Last Inspection:	Not reported	
	Recommended Penalty:	Penalty Not Recommended	
	UST Trust:	False	
	Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.	
	Spill Closed Dt:	12/14/1994	
	Remediation Phase:	0	
	Date Entered In Computer:	Not reported	
	Spill Record Last Update:	12/2/2003	
	Spiller Name:	Not reported	
	Spiller Company:	NOBEL & PITTS TRUCKING	
	Spiller Address:	Not reported	
	Spiller City,St,Zip:	SCOTTS BORO, AL	
	Spiller Company:	001	
	Contact Name:	Not reported	
	Contact Phone:	Not reported	
	DEC Region:	7	
	DER Facility ID:	103670	
	DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "CM" 12/13/94: REFER TO SPILL NO. 9412272, FOUND THE SPILLER. 09/28/95: This is additional information about material spilled from the translation of the old spill file: SADDLE TANK PUNC.	
	Remarks:	TRACTOR TRAILER SPILLED 40 GAL. DIESEL IN PARKING LOT. MET WITH JIM CARLTON OF FINGER LAKES- INFORM ME THAT TRAC.TRL. HIT A STONE(LARGE) PUNTURE SADDLE TANK. LEFT PATH OF DIESEL IN STONE DRIVEWAY TO R	
	Material:		
	Site ID:	119347	
	Operable Unit ID:	1010071	
	Operable Unit:	01	
	Material ID:	374737	
	Material Code:	0008	
	Material Name:	Diesel	
	Case No.:	Not reported	
	Material FA:	Petroleum	
	Quantity:	60	

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FINGERLAKES COLLISION (Continued)

S102125938

Units: Gallons
Recovered: 60
Resource Affected: Not reported
Oxygenate: False

Tank Test:

Site ID: Not reported
Spill Tank Test: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate: Not reported
Gross Fail: Not reported
Modified By: Not reported
Last Modified: Not reported
Test Method: Not reported

NY Hist Spills:

Region of Spill: 7
Spill Number: 9412426
Investigator: CM
Caller Name: Not reported
Caller Agency: Not reported
Caller Phone: Not reported
Notifier Name: Not reported
Notifier Agency: Not reported
Notifier Phone: Not reported
Spill Date/Time: 12/13/1994 20:00
Reported to Dept Date/Time: 12/14/94 11:15
SWIS: 31
Spiller Name: NOBEL & PITTS TRUCKING
Spiller Contact: Not reported
Spiller Phone: (800) 219-4131
Spiller Address: Not reported
Spiller City,St,Zip: SCOTTS BORO,ALABAMA
Spill Cause: Traffic Accident
Reported to Dept: On Land
Water Affected: Not reported
Spill Source: 07
Spill Notifier: Police Department
PBS Number: Not reported
Cleanup Ceased: 12/14/94
Cleanup Meets Std: True
Last Inspection: / /
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Dt: 12/13/94
Enforcement Date: / /
Invstgn Complete: / /
UST Involvement: False
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.
Willing Responsible Party. Corrective action taken.
Spill Closed Dt: 12/14/94
Corrective Action Plan Submitted: / /
Date Region Sent Summary to Central Office: / /
Date Spill Entered In Computer Data File: 12/19/94

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FINGERLAKES COLLISION (Continued)

S102125938

Date Spill Entered In Computer Data File: Not reported
Update Date: / /
Is Updated: False

Tank:

PBS Number: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported

Material:

Material Class Type: Petroleum
Quantity Spilled: 60
Unkonwn Quantity Spilled: False
Units: Gallons
Quantity Recovered: 60
Unkonwn Quantity Recovered: False
Material: DIESEL
Class Type: DIESEL
Times Material Entry In File: 10625
CAS Number: Not reported
Last Date: 19940728

DEC Remarks: 12/13/94: REFER TO SPILL NO. 9412272, FOUND THE SPILLER. 09/28/95: This is additional information about material spilled from the translation of the old spill file: SADDLE TANK PUNC.

Remark: TRACTOR TRAILER SPILLED 40 GAL. DIESEL IN PARKING LOT. MET WITH JIM CARLTON OF FINGER LAKES- INFORM ME THAT TRAC.TRL. HIT A STONE LARGE) PUNTURE SADDLE TANK. LEFT PATH OF DIESEL IN STONE DRIVEWAY TO R

**J40
West
> 1
1.154 mi.
6091 ft.**

**NYSDOT BRIDGE BIN 1039280
RTE 174 OVER NINE MILE CREEK
CAMILLUS, NY 13031**

**RCRA-NonGen 1000552978
FINDS NYD986953842
MANIFEST**

Site 2 of 3 in cluster J

**Relative:
Higher**

RCRA-NonGen:

Date form received by agency: 01/01/2007
Facility name: NYSDOT BRIDGE BIN 1039280
Facility address: RTE 174 OVER NINE MILE CREEK
DOWNTOWN
CAMILLUS, NY 13031
EPA ID: NYD986953842
Mailing address: S WARREN ST
SYRACUSE, NY 13202
Contact: DAVID BEITER
Contact address: S WARREN ST
SYRACUSE, NY 13202
Contact country: US
Contact telephone: (315) 448-7342
Contact email: Not reported
EPA Region: 02
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: NYSDOT

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYS DOT BRIDGE BIN 1039280 (Continued)

1000552978

Owner/operator address: 109 S WARREN ST
SYRACUSE, NY 13202
Owner/operator country: US
Owner/operator telephone: (315) 448-7342
Legal status: State
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: NYS DOT
Owner/operator address: 333 E WASHINGTON ST
SYRACUSE, NY 13202
Owner/operator country: US
Owner/operator telephone: (315) 428-4400
Legal status: State
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler accessibility indicator: Transferred to the program or state equivalent.

Handler Activities Summary:

U.S. importer of hazardous waste: Unknown
Mixed waste (haz. and radioactive): Unknown
Recycler of hazardous waste: No
Transporter of hazardous waste: Unknown
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: Unknown
Furnace exemption: Unknown
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Commercial status unknown

Historical Generators:

Date form received by agency: 01/01/2006
Facility name: NYS DOT BRIDGE BIN 1039280
Classification: Not a generator, verified

Date form received by agency: 11/25/1997
Facility name: NYS DOT BRIDGE BIN 1039280
Classification: Not a generator, verified

Date form received by agency: 12/10/1991
Facility name: NYS DOT BRIDGE BIN 1039280
Classification: Not a generator, verified

Violation Status: No violations found

FINDS:

Registry ID: 110008051712

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYSDOT BRIDGE BIN 1039280 (Continued)

1000552978

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

NY MANIFEST:

EPA ID: NYD986953842
Country: USA
Mailing Name: NYSDOT
Mailing Contact: KEVIN BAILEY
Mailing Address: 877 STATE FAIR BOULEVARD
Mailing Address 2: Not reported
Mailing City: SYRACUSE
Mailing State: NY
Mailing Zip: 13201
Mailing Zip4: Not reported
Mailing Country: USA
Mailing Phone: 315-488-1879

Document ID: NYG0377172
Manifest Status: Not reported
Trans1 State ID: NYD986903904
Trans2 State ID: NYD986903904
Generator Ship Date: 07/24/1998
Trans1 Recv Date: 07/24/1998
Trans2 Recv Date: 07/24/1998
TSD Site Recv Date: 07/29/1998
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD986953842
Trans1 EPA ID: OHD055522429
Trans2 EPA ID: Not reported
TSDF ID: 86044DNY
Waste Code: D008 - LEAD 5.0 MG/L TCLP
Quantity: 01378
Units: P - Pounds
Number of Containers: 002
Container Type: DM - Metal drums, barrels
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 01.00
Year: 98

Document ID: MIA2374932
Manifest Status: Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID: Not reported
Trans2 State ID: Not reported
Generator Ship Date: 911127
Trans1 Recv Date: 911127
Trans2 Recv Date: Not reported
TSD Site Recv Date: 911204
Part A Recv Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYSDOT BRIDGE BIN 1039280 (Continued)

1000552978

Part B Recv Date: 911230
Generator EPA ID: NYD986953842
Trans1 EPA ID: NYD046765574
Trans2 EPA ID: Not reported
TSD ID: MID000724831
Waste Code: D008 - LEAD 5.0 MG/L TCLP
Quantity: 00700
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: L Landfill.
Specific Gravity: 100
Year: 91

J41
West
> 1
1.166 mi.
6158 ft.

WARNERS RD & AIRPORT RD
AMBOY, NY

NY Spills S106005635
N/A

Site 3 of 3 in cluster J

Relative:
Higher

NY Spills:
Site ID: 170597
Facility Addr2: Not reported
Facility ID: 0203960
Spill Number: 0203960
Facility Type: ER
SWIS: 3400
Investigator: CFMANNES
Referred To: Not reported
Spill Date: 7/16/2002
Reported to Dept: 7/16/2002
CID: 207
Spill Cause: Unknown
Water Affected: Not reported
Spill Source: Unknown
Spill Notifier: Other
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: 7/18/2002
Recommended Penalty: Penalty Not Recommended
UST Trust: False
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.
Willing Responsible Party. Corrective action taken.
Spill Closed Dt: 6/21/2003
Remediation Phase: 0
Date Entered In Computer: 7/16/2002
Spill Record Last Update: 10/6/2003
Spiller Name: Not reported
Spiller Company: Not reported
Spiller Address: Not reported
Spiller City,St,Zip: ***Update***, ZZ
Spiller Company: 001
Contact Name: STEVE BINCI
Contact Phone: (315) 455-2000
DEC Region: 7
DER Facility ID: 143555
DEC Memo: Prior to Sept, 2004 data translation this spill Lead_DEC Field was "CM"

Actual:
400 ft.

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

(Continued)

S106005635

Remarks: soil contamination found on right of way for road construction project

Material:

Site ID: 170597
 Operable Unit ID: 856753
 Operable Unit: 01
 Material ID: 521770
 Material Code: 0066A
 Material Name: UNKNOWN PETROLEUM
 Case No.: Not reported
 Material FA: Petroleum
 Quantity: 0
 Units: Gallons
 Recovered: No
 Resource Affected: Not reported
 Oxygenate: False

Tank Test:

Site ID: 170597
 Spill Tank Test: 1527284
 Tank Number: Not reported
 Tank Size: 0
 Test Method: 00
 Leak Rate: 0
 Gross Fail: Not reported
 Modified By: Spills
 Last Modified: 10/1/2004
 Test Method: Unknown

**K42
 NE
 > 1
 1.188 mi.
 6275 ft.**

**VALERINO PROPERTY
 730 STATE FAIR BOULEVARD
 GEDDES, NY 13209**

**FINDS 1007771407
 N/A**

Site 1 of 3 in cluster K

**Relative:
 Lower**

FINDS:

Registry ID: 110019338457

**Actual:
 380 ft.**

Environmental Interest/Information System

FIS (New York - Facility Information System) is New York's Department of Environmental Conservation (DEC) information system for tracking environmental facility information found across the State.

**K43
 NE
 > 1
 1.191 mi.
 6287 ft.**

**BACOLA RESIDENCE
 740 STATE FAIR BLVD
 GEDDES, NY**

**NY Spills S104500131
 NY Hist Spills N/A**

Site 2 of 3 in cluster K

**Relative:
 Lower**

NY Spills:

Site ID: 235322
 Facility Addr2: Not reported
 Facility ID: 8903136

**Actual:
 375 ft.**

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BACOLA RESIDENCE (Continued)

S104500131

Spill Number: 8903136
Facility Type: ER
SWIS: 3432
Investigator: GREGG
Referred To: Not reported
Spill Date: 6/26/1989
Reported to Dept: 6/26/1989
CID: Not reported
Spill Cause: Unknown
Water Affected: Not reported
Spill Source: Unknown
Spill Notifier: Affected Persons
Cleanup Ceased: 6/26/1989
Cleanup Meets Std: True
Last Inspection: Not reported
Recommended Penalty: Penalty Not Recommended
UST Trust: False
Spill Class: Not reported
Spill Closed Dt: 6/26/1989
Remediation Phase: 0
Date Entered In Computer: Not reported
Spill Record Last Update: 12/2/2003
Spiller Name: Not reported
Spiller Company: UNKNOWN
Spiller Address: Not reported
Spiller City,St,Zip: NY
Spiller Company: 999
Contact Name: Not reported
Contact Phone: Not reported
DEC Region: 7
DER Facility ID: 193826
DEC Memo: Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TG" 06/26/89: RENEE OF ONONDAGA CO. HEALTH DEPT. WILL HANDLE.
Remarks: RAW SEWAGE OR SEPTIC TANK RUN OFF IS SUSPECTED OF LEAKING INTO DITCH THAT GOES INTO BACOLA PROPERTY. VERY STRONG ODOR. WENT THROUGH LEGAL MEANS 10 YEARS AGO TO HAVE TOWN CORRECT PROBLEM.

Material:
Site ID: 235322
Operable Unit ID: 928588
Operable Unit: 01
Material ID: 447252
Material Code: 0062A
Material Name: RAW SEWAGE
Case No.: Not reported
Material FA: Other
Quantity: 0
Units: Not reported
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:
Site ID: Not reported
Spill Tank Test: Not reported
Tank Number: Not reported
Tank Size: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BACOLA RESIDENCE (Continued)

S104500131

Test Method: Not reported
Leak Rate: Not reported
Gross Fail: Not reported
Modified By: Not reported
Last Modified: Not reported
Test Method: Not reported

NY Hist Spills:

Region of Spill: 7
Spill Number: 8903136
Investigator: TG
Caller Name: Not reported
Caller Agency: Not reported
Caller Phone: Not reported
Notifier Name: Not reported
Notifier Agency: Not reported
Notifier Phone: Not reported
Spill Date/Time: 06/26/1989 11:00
Reported to Dept Date/Time: 06/26/89 11:43
SWIS: 31
Spiller Name: UNKNOWN
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Address: Not reported
Spiller City,St,Zip: Not reported
Spill Cause: Unknown
Reported to Dept: On Land
Water Affected: Not reported
Spill Source: 12
Spill Notifier: Affected Persons
PBS Number: Not reported
Cleanup Ceased: 06/26/89
Cleanup Meets Std: True
Last Inspection: / /
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Dt: / /
Enforcement Date: / /
Invstgn Complete: / /
UST Involvement: False
Spill Class: Not reported
Spill Closed Dt: 06/26/89
Corrective Action Plan Submitted: / /
Date Region Sent Summary to Central Office: / /
Date Spill Entered In Computer Data File: 07/13/89
Date Spill Entered In Computer Data File: Not reported
Update Date: / /
Is Updated: False

Tank:

PBS Number: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BACOLA RESIDENCE (Continued)

S104500131

Material:

Material Class Type: Hazardous Material
Quantity Spilled: 0
Unkonwn Quantity Spilled: False
Units: Not reported
Quantity Recovered: 0
Unkonwn Quantity Recovered: False
Material: RAW SEWAGE
Class Type: RAW SEWAGE
Times Material Entry In File: 1993
CAS Number: Not reported
Last Date: 19940728
DEC Remarks: 06/26/89: RENEE OF ONONDAGA CO. HEALTH DEPT. WILL HANDLE.
Remark: RAW SEWAGE OR SEPTIC TANK RUN OFF IS SUSPECTED OF LEAKING INTO DITCH THAT GOES INTO BACOLA PROPERTY. VERY STRONG ODOR. WENT THROUGH LEGAL MEANS 10 YEARS AGO TO HAVE TOWN CORRECT PROBLEM.

**K44
NE
> 1
1.192 mi.
6294 ft.**

**DESTEFANO PROPERTY
740 STATE FAIR BLVD
GEDDES, NY 13209**

**FINDS 1007768681
N/A**

Site 3 of 3 in cluster K

**Relative:
Lower**

FINDS:

Registry ID: 110019311136

**Actual:
375 ft.**

Environmental Interest/Information System
FIS (New York - Facility Information System) is New York's Department of Environmental Conservation (DEC) information system for tracking environmental facility information found across the State.

**45
NE
> 1
1.200 mi.
6338 ft.**

**VAL'S MOTORS
743 STATE FAIR BLVD
SYRACUSE, NY 13209**

**RCRA-NonGen 1000137970
FINDS NYD982720922**

**Relative:
Lower**

RCRA-NonGen:

Date form received by agency: 01/01/2007
Facility name: VAL'S MOTORS
Facility address: 743 STATE FAIR BLVD
SYRACUSE, NY 13209
EPA ID: NYD982720922
Mailing address: STATE FAIR BLVD
SYRACUSE, NY 13209
Contact: GARY VALERINO
Contact address: STATE FAIR BLVD
SYRACUSE, NY 13209
Contact country: US
Contact telephone: (315) 487-6211
Contact email: Not reported
EPA Region: 02
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

VAL'S MOTORS (Continued)

1000137970

Owner/Operator Summary:

Owner/operator name: UNKNOWN
Owner/operator address: NOT REQUIRED
NOT REQUIRED, WY 99999
Owner/operator country: US
Owner/operator telephone: (212) 555-1212
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: UNKNOWN
Owner/operator address: NOT REQUIRED
NOT REQUIRED, WY 99999
Owner/operator country: US
Owner/operator telephone: (212) 555-1212
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler accessibility indicator: Transferred to the program or state equivalent.

Handler Activities Summary:

U.S. importer of hazardous waste: Unknown
Mixed waste (haz. and radioactive): Unknown
Recycler of hazardous waste: No
Transporter of hazardous waste: Unknown
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: Unknown
Furnace exemption: Unknown
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Commercial status unknown

Historical Generators:

Date form received by agency: 01/01/2006
Facility name: VAL'S MOTORS
Classification: Not a generator, verified

Date form received by agency: 01/05/1989
Facility name: VAL'S MOTORS
Site name: VAL'S MOTORS
Classification: Not a generator, verified

Violation Status: No violations found

FINDS:

Registry ID: 110004426719

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

VAL'S MOTORS (Continued)

1000137970

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

46
East
> 1
1.229 mi.
6491 ft.

NYSDOT BIN 1093320
695N OVER RTE 931B & CONRAIL
SYRACUSE, NY 13209

RCRA-NonGen **1000556565**
FINDS **NYD986991354**

Relative:
Lower

RCRA-NonGen:

Date form received by agency: 01/01/2007
Facility name: NYSDOT BIN 1093320
Facility address: 695N OVER RTE 931B & CONRAIL
SYRACUSE, NY 13209
EPA ID: NYD986991354
Mailing address: OVER RTE 931B & CONRAIL
SYRACUSE, NY 13209
Contact: Not reported
Contact address: OVER RTE 931B & CONRAIL
SYRACUSE, NY 13209
Contact country: US
Contact telephone: Not reported
Contact email: Not reported
EPA Region: 02
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Actual:
377 ft.

Owner/Operator Summary:

Owner/operator name: NYSDOT
Owner/operator address: 333 E WASHINGTON ST
SYRACUSE, NY 13202
Owner/operator country: US
Owner/operator telephone: (315) 428-4400
Legal status: State
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: NYSDOT
Owner/operator address: 333 E WASHINGTON ST
SYRACUSE, NY 13202
Owner/operator country: US
Owner/operator telephone: (315) 428-4400
Legal status: State
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler accessibility indicator: Transferred to the program or state equivalent.

Handler Activities Summary:

U.S. importer of hazardous waste: Unknown

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYSDOT BIN 1093320 (Continued)

1000556565

Mixed waste (haz. and radioactive): Unknown
Recycler of hazardous waste: No
Transporter of hazardous waste: Unknown
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: Unknown
Furnace exemption: Unknown
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Commercial status unknown

Historical Generators:

Date form received by agency: 01/01/2006
Facility name: NYSDOT BIN 1093320
Classification: Not a generator, verified

Date form received by agency: 09/08/1992
Facility name: NYSDOT BIN 1093320
Classification: Not a generator, verified

Date form received by agency: 01/21/1992
Facility name: NYSDOT BIN 1093320
Classification: Large Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110008072165

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

L47
NNE
> 1
1.234 mi.
6514 ft.

**LAKELAND GARAGE
759 STATE FAIR BLVD.
SYRACUSE (GEDDES), NY**

Site 1 of 13 in cluster L

**NY Spills S102165936
NY Hist Spills N/A**

**Relative:
Lower**

NY Spills:
Site ID: 110273
Facility Addr2: Not reported
Facility ID: 8709511
Spill Number: 8709511
Facility Type: ER
SWIS: 3400
Investigator: CSCUIPLY

**Actual:
392 ft.**

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LAKELAND GARAGE (Continued)

S102165936

Referred To: Not reported
Spill Date: 2/9/1988
Reported to Dept: 2/9/1988
CID: Not reported
Spill Cause: Deliberate
Water Affected: Not reported
Spill Source: Commercial/Industrial
Spill Notifier: Citizen
Cleanup Ceased: 2/11/1988
Cleanup Meets Std: True
Last Inspection: Not reported
Recommended Penalty: Penalty Not Recommended
UST Trust: False
Spill Class: Not reported
Spill Closed Dt: 2/11/1988
Remediation Phase: 0
Date Entered In Computer: 2/22/1988
Spill Record Last Update: 3/8/1988
Spiller Name: Not reported
Spiller Company: LAKELAND GARAGE
Spiller Address: 759 STATE FAIR BLVD.
Spiller City,St,Zip: SYRACUSE, NY
Spiller Company: 001
Contact Name: Not reported
Contact Phone: Not reported
DEC Region: 7
DER Facility ID: 96671
DEC Memo: Prior to Sept, 2004 data translation this spill Lead_DEC Field was "CC" 02/09/88: NO SPILL. DISGRUNTLED EMPLOYEE REPORTED SPILL. NO PBS REGISTRATIONS ENT PBS FORMS. 02/11/88: NO APPARENT PROBLEM. CASE CLOSED.
Remarks: FUEL TANKS OUT BACK (ABOVE GROUND) REPORTED TO BE LEAKING. OPEN DRAIN INSIDE BLDG. WHERE OIL DRIPS FROM CARS. LAKELAND COMMUNITY WATCH IS CONCERNED. CHILDREN PLAY IN BACK.
Material:
Site ID: 110273
Operable Unit ID: 914941
Operable Unit: 01
Material ID: 464838
Material Code: 0009
Material Name: Gasoline
Case No.: Not reported
Material FA: Petroleum
Quantity: 0
Units: Not reported
Recovered: No
Resource Affected: Not reported
Oxygenate: False
Tank Test:
Site ID: Not reported
Spill Tank Test: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LAKELAND GARAGE (Continued)

S102165936

Gross Fail: Not reported
Modified By: Not reported
Last Modified: Not reported
Test Method: Not reported

NY Hist Spills:

Region of Spill: 7
Spill Number: 8709511
Investigator: CC
Caller Name: Not reported
Caller Agency: Not reported
Caller Phone: Not reported
Notifier Name: Not reported
Notifier Agency: Not reported
Notifier Phone: Not reported
Spill Date/Time: 02/09/1988 12:10
Reported to Dept Date/Time: 02/09/88 12:00
SWIS: 31
Spiller Name: LAKELAND GARAGE
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Address: 759 STATE FAIR BLVD.
Spiller City,St,Zip: SYRACUSE, NY
Spill Cause: Deliberate
Reported to Dept: On Land
Water Affected: Not reported
Spill Source: 01
Spill Notifier: Citizen
PBS Number: Not reported
Cleanup Ceased: 02/11/88
Cleanup Meets Std: True
Last Inspection: / /
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Dt: / /
Enforcement Date: / /
Invstgn Complete: / /
UST Involvement: False
Spill Class: Not reported
Spill Closed Dt: 02/11/88
Corrective Action Plan Submitted: / /
Date Region Sent Summary to Central Office: / /
Date Spill Entered In Computer Data File: 02/22/88
Date Spill Entered In Computer Data File: Not reported
Update Date: 03/08/88
Is Updated: False

Tank:

PBS Number: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported

Material:

Material Class Type: Petroleum
Quantity Spilled: 0

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LAKELAND GARAGE (Continued)

S102165936

Unkonwn Quantity Spilled: False
Units: Not reported
Quantity Recovered: 0
Unkonwn Quantity Recovered: False
Material: GASOLINE
Class Type: GASOLINE
Times Material Entry In File: 21329
CAS Number: Not reported
Last Date: 19940929
DEC Remarks: 02/09/88: NO SPILL. DISGRUNTLED EMPLOYEE REPORTED SPILL. NO PBS REGISTRATIONS ENT PBS FORMS. 02/11/88: NO APPARENT PROBLEM. CASE CLOSED.
Remark: FUEL TANKS OUT BACK ABOVE GROUND) REPORTED TO BE LEAKING. OPEN DRAIN INSIDE BLDG. WHERE OIL DRIPS FROM CARS. LAKELAND COMMUNITY WATCH IS CONCERNED. CHILDREN PLAY IN BACK.

L48
NNE
> 1
1.234 mi.
6514 ft.

FAIR DELI MART
757 STATE FAIR BLVD
SOLVEY, NY 13209

NY Spills S108957400
N/A

Site 2 of 13 in cluster L

Relative:
Lower

NY Spills:
Site ID: 388383
Facility Addr2: Not reported
Facility ID: 0750960
Spill Number: 0750960
Facility Type: ER
SWIS: 3432
Investigator: menash
Referred To: Not reported
Spill Date: 10/10/2007
Reported to Dept: 10/10/2007
CID: Not reported
Spill Cause: Traffic Accident
Water Affected: Not reported
Spill Source: Vessel
Spill Notifier: Local Agency
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: Penalty Not Recommended
UST Trust: False
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt: 7/23/2008
Remediation Phase: 0
Date Entered In Computer: 10/11/2007
Spill Record Last Update: 7/23/2008
Spiller Name: Not reported
Spiller Company: ONONDAGA BEVERAGE CORP
Spiller Address: EDGECOMB DR
Spiller City, St, Zip: LIVERPOOL, NY
Spiller Company: 999
Contact Name: Not reported
Contact Phone: Not reported
DEC Region: 7
DER Facility ID: 337897
DEC Memo: Dumpster containing cooking oil knocked over by delivery truck.

Actual:
392 ft.

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

FAIR DELI MART (Continued)

S108957400

Remarks: Contents spilled onto parking lot and Lakeland Ave. Environmental Products and Services did spill cleanup. No further remediation required.
 Not reported

Material:
 Site ID: 388383
 Operable Unit ID: 1145558
 Operable Unit: 01
 Material ID: 2135893
 Material Code: 0820A
 Material Name: COOKING OIL
 Case No.: Not reported
 Material FA: Other
 Quantity: 75
 Units: Gallons
 Recovered: 70
 Resource Affected: Not reported
 Oxygenate: False

Tank Test:
 Site ID: Not reported
 Spill Tank Test: Not reported
 Tank Number: Not reported
 Tank Size: Not reported
 Test Method: Not reported
 Leak Rate: Not reported
 Gross Fail: Not reported
 Modified By: Not reported
 Last Modified: Not reported
 Test Method: Not reported

**L49
 NNE
 > 1
 1.235 mi.
 6522 ft.**

**LAKE LAND GARAGE
 759 STATE FAIR BLVD
 GEDDIES, NY
 Site 3 of 13 in cluster L**

**NY Spills S107409427
 N/A**

**Relative:
 Lower**

NY Spills:
 Site ID: 353570
 Facility Addr2: Not reported
 Facility ID: 0508050
 Spill Number: 0508050
 Facility Type: ER
 SWIS: 3432
 Investigator: HDWARNER
 Referred To: Not reported
 Spill Date: 9/8/2005
 Reported to Dept: 10/5/2005
 CID: 444
 Spill Cause: Other
 Water Affected: Not reported
 Spill Source: Institutional, Educational, Gov., Other
 Spill Notifier: Other
 Cleanup Ceased: Not reported
 Cleanup Meets Std: False
 Last Inspection: 10/25/2005

**Actual:
 392 ft.**

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LAKE LAND GARAGE (Continued)

S107409427

Recommended Penalty: Penalty Not Recommended
UST Trust: False
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.
Willing Responsible Party. Corrective action taken.
Spill Closed Dt: 5/10/2006
Remediation Phase: 0
Date Entered In Computer: 10/5/2005
Spill Record Last Update: 5/11/2006
Spiller Name: CLAYTON THIESMAN
Spiller Company: LAKE LAND GARAGE
Spiller Address: 759 STATE FAIR BLVD
Spiller City,St,Zip: GEDDIES, NY
Spiller Company: 001
Contact Name: CLAYTON THIESMAN
Contact Phone: (315) 685-6591
DEC Region: 7
DER Facility ID: 300916
DEC Memo: Not reported
Remarks: TEST PITS FOUND CONTAINMENT:
Material:
Site ID: 353570
Operable Unit ID: 1111026
Operable Unit: 01
Material ID: 2101068
Material Code: 0009
Material Name: Gasoline
Case No.: Not reported
Material FA: Petroleum
Quantity: 0
Units: Gallons
Recovered: No
Resource Affected: Not reported
Oxygenate: False
Tank Test:
Site ID: Not reported
Spill Tank Test: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate: Not reported
Gross Fail: Not reported
Modified By: Not reported
Last Modified: Not reported
Test Method: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

L50
NNE
> 1
1.235 mi.
6522 ft.

THE LAKELAND GARAGE
759 STATE FAIR BLVD
GEDDES, NY

NY Spills S107788491
N/A

Site 4 of 13 in cluster L

Relative:
Lower

NY Spills:

Actual:
392 ft.

Site ID: 364537
Facility Addr2: Not reported
Facility ID: 0602130
Spill Number: 0602130
Facility Type: ER
SWIS: 3432
Investigator: HDWARNER
Referred To: Not reported
Spill Date: 5/26/2006
Reported to Dept: 5/26/2006
CID: 408
Spill Cause: Housekeeping
Water Affected: Not reported
Spill Source: Commercial/Industrial
Spill Notifier: Other
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: Penalty Not Recommended
UST Trust: False
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.
Willing Responsible Party. Corrective action taken.
Spill Closed Dt: 9/5/2006
Remediation Phase: 0
Date Entered In Computer: 5/26/2006
Spill Record Last Update: 9/5/2006
Spiller Name: Not reported
Spiller Company: CLAYTON THEISEN
Spiller Address: 759 STATE FAIR BLVD
Spiller City,St,Zip: GEDDES, NY
Spiller Company: 001
Contact Name: CHRISTIAN BRUNELLE
Contact Phone: (315) 214-6455
DEC Region: 7
DER Facility ID: 121977
DEC Memo: Not reported
Remarks: CALLER AHS SPOKEN TO HARRY WARNER AT DEC. FOUND CONTAMINATED SOIL DURING DEMOLITION OF THE BUILDING. HAS NOT BEEN CLEANED UP

Material:

Site ID: 364537
Operable Unit ID: 1122560
Operable Unit: 01
Material ID: 2112026
Material Code: 0001
Material Name: #2 Fuel Oil
Case No.: Not reported
Material FA: Petroleum
Quantity: Not reported
Units: Gallons
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

THE LAKELAND GARAGE (Continued)

S107788491

Tank Test:
Site ID: Not reported
Spill Tank Test: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate: Not reported
Gross Fail: Not reported
Modified By: Not reported
Last Modified: Not reported
Test Method: Not reported

**L51
NNE
> 1
1.235 mi.
6522 ft.**

**MYERS CAMPERS
759 STATE FAIR BLVD
GEDDES, NY
Site 5 of 13 in cluster L**

**NY Spills S104653426
NY Hist Spills N/A**

**Relative:
Lower**

NY Spills:
Site ID: 142969
Facility Addr2: Not reported
Facility ID: 0002848
Spill Number: 0002848
Facility Type: ER
SWIS: 3432
Investigator: CFMANNES
Referred To: Not reported
Spill Date: 6/7/2000
Reported to Dept: 6/7/2000
CID: 397
Spill Cause: Unknown
Water Affected: Not reported
Spill Source: Unknown
Spill Notifier: Affected Persons
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: 6/7/2000
Recommended Penalty: Penalty Not Recommended
UST Trust: False
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.
Willing Responsible Party. Corrective action taken.
Spill Closed Dt: 8/5/2002
Remediation Phase: 0
Date Entered In Computer: 6/7/2000
Spill Record Last Update: 8/5/2002
Spiller Name: Not reported
Spiller Company: UNKNOWN
Spiller Address: Not reported
Spiller City,St,Zip: ZZ -
Spiller Company: 001
Contact Name: CALLER
Contact Phone: Not reported
DEC Region: 7
DER Facility ID: 121977
DEC Memo: Prior to Sept, 2004 data translation this spill Lead_DEC Field was
"CM" ONON. CO. DOT REMOVED AND DISPOSED OF CONTAMINATED SOIL

**Actual:
392 ft.**

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MYERS CAMPERS (Continued)

S104653426

Remarks: CALLERS COMPANY WAS EXCAVATING AND DISCOVERED CONTAMINATED SOIL.
COMPANY HAS STOPPED EXCAVATION UNTIL DEC IS CONTACTED

Material:

Site ID: 142969
Operable Unit ID: 824944
Operable Unit: 01
Material ID: 551189
Material Code: 0066A
Material Name: UNKNOWN PETROLEUM
Case No.: Not reported
Material FA: Petroleum
Quantity: 0
Units: Gallons
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:

Site ID: Not reported
Spill Tank Test: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate: Not reported
Gross Fail: Not reported
Modified By: Not reported
Last Modified: Not reported
Test Method: Not reported

NY Hist Spills:

Region of Spill: 7
Spill Number: 0002848
Investigator: CM
Caller Name: Not reported
Caller Agency: Not reported
Caller Phone: Not reported
Notifier Name: Not reported
Notifier Agency: Not reported
Notifier Phone: Not reported
Spill Date/Time: 06/07/2000 08:00
Reported to Dept Date/Time: 06/07/00 09:42
SWIS: 31
Spiller Name: UNKNOWN
Spiller Contact: Not reported
Spiller Phone: () -
Spiller Contact: CALLER
Spiller Phone: () -
Spiller Address: Not reported
Spiller City,St,Zip: -
Spill Cause: Unknown
Reported to Dept: On Land
Water Affected: Not reported
Spill Source: 12
Spill Notifier: Affected Persons
PBS Number: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MYERS CAMPERS (Continued)

S104653426

Cleanup Ceased: //
Cleanup Meets Std: False
Last Inspection: 06/07/00
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Dt: //
Enforcement Date: //
Invstgn Complete: //
UST Involvement: False
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.
Willing Responsible Party. Corrective action taken.
Spill Closed Dt: //
Corrective Action Plan Submitted: //
Date Region Sent Summary to Central Office: //
Date Spill Entered In Computer Data File: 06/07/00
Date Spill Entered In Computer Data File: Not reported
Update Date: 06/19/00
Is Updated: False

Tank:
PBS Number: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported

Material:
Material Class Type: Petroleum
Quantity Spilled: 0
Unkonwn Quantity Spilled: True
Units: Gallons
Quantity Recovered: 0
Unkonwn Quantity Recovered: False
Material: UNKNOWN PETROLEUM
Class Type: UNKNOWN PETROLEUM
Times Material Entry In File: 16414
CAS Number: Not reported
Last Date: 19940929
DEC Remarks: Not reported
Remark: CALLERS COMPANY WAS EXCAVATING AND DISCOVERED CONTAMINATED SOIL. COMPANY HAS STOPPED EXCAVATION UNTIL DEC IS CONTACTED

L52
NNE
> 1
1.235 mi.
6522 ft.

GAS STATION
756 STATE FAIR BLVD
GEDDES, NY
Site 6 of 13 in cluster L

LTANKS **S104621802**
HIST LTANKS **N/A**

Relative:
Lower

Actual:
392 ft.

LTANKS:
Site ID: 197040
Spill No: 0003262
Spill Date: 6/15/2000
Spill Cause: Tank Failure
Spill Source: Gasoline Station
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.
Willing Responsible Party. Corrective action taken.
Spill Closed Dt: 8/5/2002
Facility Addr2: Not reported
Cleanup Ceased: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GAS STATION (Continued)

S104621802

Cleanup Meets Standard: False
SWIS: 3432
Investigator: CFMANNES
Referred To: Not reported
Reported to Dept: 6/15/2000
CID: 389
Water Affected: Not reported
Spill Notifier: Other
Last Inspection: 6/15/2000
Recommended Penalty: Penalty Not Recommended
UST Involvement: True
Remediation Phase: 0
Date Entered In Computer: 6/15/2000
Spill Record Last Update: 8/5/2002
Spiller Name: UNKNOWN
Spiller Company: UNKNOWN
Spiller Address: UNKNOWN
Spiller City,St,Zip: UNKNOWN, NY
Spiller County: 999
Spiller Contact: CALLER
Spiller Phone: Not reported
Spiller Extention: Not reported
DEC Region: 7
DER Facility ID: 164015
DEC Memo: Prior to Sept, 2004 data translation this spill Lead_DEC Field was "CM" ONON. CO. DOT REMOVED AND DISPOSED OF CONTAMINATED SOIL
Remarks: spill engineer on scene from region 7 chris manhus spill from a tank failure no clean up and no callback necessary. SEE SPILL NO. 00-02848.
Not reported

Material:
Site ID: 197040
Operable Unit ID: 824699
Operable Unit: 01
Material ID: 551585
Material Code: 0009
Material Name: Gasoline
Case No.: Not reported
Material FA: Petroleum
Quantity: 0
Units: Gallons
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:
Site ID: Not reported
Spill Tank Test: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate: Not reported
Gross Fail: Not reported
Modified By: Not reported
Last Modified: Not reported
Test Method: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GAS STATION (Continued)

S104621802

HIST LTANKS:

Region of Spill: 7
Spill Number: 0003262
Spill Date: 06/15/2000
Spill Time: 12:00
Spill Cause: Tank Failure
Resource Affectd: On Land
Water Affected: Not reported
Spill Source: Gas Station
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.
Willing Responsible Party. Corrective action taken.

Spill Closed Dt: / /
Cleanup Ceased: / /
Cleanup Meets Standard: False
Investigator: CM
Caller Name: Not reported
Caller Agency: Not reported
Caller Phone: Not reported
Caller Extension: Not reported
Notifier Name: Not reported
Notifier Agency: Not reported
Notifier Phone: Not reported
Notifier Extension: Not reported
Reported to Department Date: 06/15/00
Reported to Department Time: 14:02
SWIS: 31
Spiller Contact: CALLER
Spiller Phone: () -
Spiller Extention: Not reported
Spiller Name: UNK
Spiller Address: UNK
Spiller City,St,Zip: UNK
Spiller Cleanup Date: / /
Facility Contact: UNK
Facility Phone: (000) 000-0000
Facility Extention: Not reported
Spill Notifier: Other
PBS Number: Not reported
Last Inspection: 06/15/00
Recommended Penalty: Penalty Not Recommended
Enforcement Date: / /
Investigation Complete: / /
UST Involvement: True
Date Region Sent Summary to Central Office: / /
Corrective Action Plan Submitted: / /
Date Spill Entered In Computer Data File: 06/15/00
Time Spill Entered In Computer Data File: Not reported
Spill Record Last Update: 06/29/00
Is Updated: False

Tank:

PBS Number: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate Failed Tank: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GAS STATION (Continued)

S104621802

Gross Leak Rate: Not reported
Material:
Material Class Type: Petroleum
Quantity Spilled: 0
Unkonwn Quantity Spilled: True
Units: Gallons
Quantity Recovered: 0
Unkonwn Quantity Recovered: False
Material: GASOLINE
Class Type: GASOLINE
Times Material Entry In File: 21329
CAS Number: Not reported
Last Date: 19940929
DEC Remarks: Not reported
Spill Cause: spill engineer on scene from region 7 chris manhus spill from a tank failure
no clean up and no callback necessary. SEE SPILL NO. 00-02848.

L53
NNE
> 1
1.236 mi.
6524 ft.

VAL'S MOTORS, INC.
756 STATE FAIR BLVD
SYRACUSE, NY 13209
Site 7 of 13 in cluster L

RCRA-CESQG 1000137968
FINDS NYD013222575
MANIFEST
NY Spills
NY Hist Spills

Relative:
Lower

RCRA-CESQG:
Date form received by agency: 01/01/2007
Facility name: VAL'S MOTORS, INC.
Facility address: 756 STATE FAIR BLVD
SYRACUSE, NY 13209
EPA ID: NYD013222575
Mailing address: STATE FAIR BLVD
SYRACUSE, NY 13209
Contact: Not reported
Contact address: STATE FAIR BLVD
SYRACUSE, NY 13209
Contact country: US
Contact telephone: Not reported
Contact email: Not reported
EPA Region: 02
Land type: Facility is not located on Indian land. Additional information is not known.
Classification: Conditionally Exempt Small Quantity Generator
Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Actual:
392 ft.

Owner/Operator Summary:
Owner/operator name: MARGARET VALERINO

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

VAL'S MOTORS, INC. (Continued)

1000137968

Owner/operator address: NOT REQUIRED
NOT REQUIRED, WY 99999
Owner/operator country: US
Owner/operator telephone: (212) 555-1212
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: MARGARET VALERINO
Owner/operator address: NOT REQUIRED
NOT REQUIRED, WY 99999
Owner/operator country: US
Owner/operator telephone: (212) 555-1212
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler accessibility indicator: Transferred to the program or state equivalent.

Handler Activities Summary:

U.S. importer of hazardous waste: Unknown
Mixed waste (haz. and radioactive): Unknown
Recycler of hazardous waste: No
Transporter of hazardous waste: Unknown
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: Unknown
Furnace exemption: Unknown
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Commercial status unknown

Historical Generators:

Date form received by agency: 01/01/2006
Facility name: VAL'S MOTORS, INC.
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 07/14/1999
Facility name: VAL'S MOTORS, INC.
Site name: VAL'S MOTORS, INC.
Classification: Small Quantity Generator

Date form received by agency: 05/27/1986
Facility name: VAL'S MOTORS, INC.
Site name: VAL'S MOTORS, INC.
Classification: Large Quantity Generator

Violation Status: No violations found

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

VAL'S MOTORS, INC. (Continued)

1000137968

Evaluation Action Summary:

Evaluation date: 04/18/1991
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

FINDS:

Registry ID: 110004347519

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

NY MANIFEST:

EPA ID: NYD013222575
Country: USA
Mailing Name: VAL'S MOTORS INCORPORATED
Mailing Contact: VAL'S MOTORS INCORPORATED
Mailing Address: P.O. BOX 1156
Mailing Address 2: Not reported
Mailing City: ELBRIDGE
Mailing State: NY
Mailing Zip: 13060
Mailing Zip4: 1156
Mailing Country: USA
Mailing Phone: 315-487-6211

Document ID: NYA3295833
Manifest Status: Completed copy
Trans1 State ID: NYSDECVA0
Trans2 State ID: Not reported
Generator Ship Date: 870121
Trans1 Recv Date: 870121
Trans2 Recv Date: Not reported
TSD Site Recv Date: 870123
Part A Recv Date: 870210
Part B Recv Date: 870210
Generator EPA ID: NYD013222575
Trans1 EPA ID: VAD980831580
Trans2 EPA ID: Not reported
TSDF ID: NYD043815703
Waste Code: F003 - UNKNOWN
Quantity: 00130
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: TT - Cargo tank, tank trucks
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 086
Year: 87

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

VAL'S MOTORS, INC. (Continued)

1000137968

Document ID: NYC4867806
Manifest Status: Completed copy
Trans1 State ID: NYLJ5601
Trans2 State ID: Not reported
Generator Ship Date: 970922
Trans1 Recv Date: 970922
Trans2 Recv Date: Not reported
TSD Site Recv Date: 970923
Part A Recv Date: 971020
Part B Recv Date: 971007
Generator EPA ID: NYD013222575
Trans1 EPA ID: ILD984908202
Trans2 EPA ID: Not reported
TSD ID: NYD982743312
Waste Code: F005 - UNKNOWN
Quantity: 00224
Units: P - Pounds
Number of Containers: 002
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 97

Document ID: NYC4724741
Manifest Status: Completed copy
Trans1 State ID: NYNS7862
Trans2 State ID: Not reported
Generator Ship Date: 970602
Trans1 Recv Date: 970602
Trans2 Recv Date: Not reported
TSD Site Recv Date: 970603
Part A Recv Date: 970617
Part B Recv Date: 970610
Generator EPA ID: NYD013222575
Trans1 EPA ID: ILD984908202
Trans2 EPA ID: Not reported
TSD ID: NYD982743312
Waste Code: F005 - UNKNOWN
Quantity: 00112
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 97

Document ID: NYA3571852
Manifest Status: Completed after the designated time period for a TSD to get a copy to the DEC
Trans1 State ID: NYSDECV0
Trans2 State ID: Not reported
Generator Ship Date: 870623
Trans1 Recv Date: 870623
Trans2 Recv Date: Not reported
TSD Site Recv Date: 870625
Part A Recv Date: 870731

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

VAL'S MOTORS, INC. (Continued)

1000137968

Part B Recv Date: 870702
Generator EPA ID: NYD013222575
Trans1 EPA ID: VAD980831580
Trans2 EPA ID: Not reported
TSD ID: NYD043815703
Waste Code: F003 - UNKNOWN
Quantity: 00050
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: TT - Cargo tank, tank trucks
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 086
Year: 87

Document ID: NYA5154687
Manifest Status: Completed copy
Trans1 State ID: YB34314
Trans2 State ID: Not reported
Generator Ship Date: 871210
Trans1 Recv Date: 871210
Trans2 Recv Date: Not reported
TSD Site Recv Date: 871215
Part A Recv Date: 871230
Part B Recv Date: 871222
Generator EPA ID: NYD013222575
Trans1 EPA ID: VAD980831580
Trans2 EPA ID: Not reported
TSD ID: NYD043815703
Waste Code: F003 - UNKNOWN
Quantity: 00080
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: TT - Cargo tank, tank trucks
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 87

Document ID: NYB5038641
Manifest Status: Completed after the designated time period for a TSD to get a copy to the DEC
Trans1 State ID: P22295IL
Trans2 State ID: Not reported
Generator Ship Date: 920716
Trans1 Recv Date: 920716
Trans2 Recv Date: Not reported
TSD Site Recv Date: 920724
Part A Recv Date: Not reported
Part B Recv Date: 920811
Generator EPA ID: NYD013222575
Trans1 EPA ID: ILD099202681
Trans2 EPA ID: Not reported
TSD ID: NYD049836679
Waste Code: F005 - UNKNOWN
Quantity: 00050
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

VAL'S MOTORS, INC. (Continued)

1000137968

Container Type: TT - Cargo tank, tank trucks
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 92

Document ID: NYC4339901
Manifest Status: Completed copy
Trans1 State ID: NYNS7862
Trans2 State ID: Not reported
Generator Ship Date: 970210
Trans1 Recv Date: 970210
Trans2 Recv Date: Not reported
TSD Site Recv Date: 970211
Part A Recv Date: 970221
Part B Recv Date: 970219
Generator EPA ID: NYD013222575
Trans1 EPA ID: ILD984908202
Trans2 EPA ID: Not reported
TSD ID: NYD982743312
Waste Code: F005 - UNKNOWN
Quantity: 00224
Units: P - Pounds
Number of Containers: 002
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 97

Document ID: NYC4691226
Manifest Status: Completed copy
Trans1 State ID: NYLJ5601
Trans2 State ID: Not reported
Generator Ship Date: 970410
Trans1 Recv Date: 970410
Trans2 Recv Date: Not reported
TSD Site Recv Date: 970411
Part A Recv Date: 970424
Part B Recv Date: 970421
Generator EPA ID: NYD013222575
Trans1 EPA ID: ILD984908202
Trans2 EPA ID: Not reported
TSD ID: NYD982743312
Waste Code: F005 - UNKNOWN
Quantity: 00224
Units: P - Pounds
Number of Containers: 002
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 97

Document ID: NYB5546772
Manifest Status: Completed copy
Trans1 State ID: P22295IL

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

VAL'S MOTORS, INC. (Continued)

1000137968

Trans2 State ID: Not reported
Generator Ship Date: 930223
Trans1 Recv Date: 930223
Trans2 Recv Date: Not reported
TSD Site Recv Date: 930225
Part A Recv Date: 930310
Part B Recv Date: 930305
Generator EPA ID: NYD013222575
Trans1 EPA ID: ILD099202681
Trans2 EPA ID: Not reported
TSD ID: NYD049836679
Waste Code: F005 - UNKNOWN
Quantity: 00095
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: TT - Cargo tank, tank trucks
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 93

Document ID: NYC4902546
Manifest Status: Completed copy
Trans1 State ID: NYLJ5601
Trans2 State ID: Not reported
Generator Ship Date: 971208
Trans1 Recv Date: 971208
Trans2 Recv Date: Not reported
TSD Site Recv Date: 971209
Part A Recv Date: 980115
Part B Recv Date: 971223
Generator EPA ID: NYD013222575
Trans1 EPA ID: ILD984908202
Trans2 EPA ID: Not reported
TSD ID: NYD982743312
Waste Code: F005 - UNKNOWN
Quantity: 00224
Units: P - Pounds
Number of Containers: 002
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 97

Document ID: NYC4815112
Manifest Status: Completed copy
Trans1 State ID: NYNS7862
Trans2 State ID: Not reported
Generator Ship Date: 970729
Trans1 Recv Date: 970729
Trans2 Recv Date: Not reported
TSD Site Recv Date: 970730
Part A Recv Date: 970818
Part B Recv Date: 970819
Generator EPA ID: NYD013222575
Trans1 EPA ID: ILD984908202

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

VAL'S MOTORS, INC. (Continued)

1000137968

Trans2 EPA ID: Not reported
TSDF ID: NYD982743312
Waste Code: F005 - UNKNOWN
Quantity: 00224
Units: P - Pounds
Number of Containers: 002
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 97

Document ID: NYB4156884
Manifest Status: Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID: P52019IL
Trans2 State ID: Not reported
Generator Ship Date: 930810
Trans1 Recv Date: 930810
Trans2 Recv Date: Not reported
TSD Site Recv Date: 930813
Part A Recv Date: 930819
Part B Recv Date: 930923
Generator EPA ID: NYD013222575
Trans1 EPA ID: ILD099202681
Trans2 EPA ID: Not reported
TSDF ID: NYD049836679
Waste Code: F005 - UNKNOWN
Quantity: 00055
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: TT - Cargo tank, tank trucks
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 93

Document ID: PAC9922216
Manifest Status: Completed copy
Trans1 State ID: PAAH0172
Trans2 State ID: Not reported
Generator Ship Date: 930607
Trans1 Recv Date: 930607
Trans2 Recv Date: Not reported
TSD Site Recv Date: 930611
Part A Recv Date: 930618
Part B Recv Date: 930621
Generator EPA ID: NYD013222575
Trans1 EPA ID: ILD984908202
Trans2 EPA ID: Not reported
TSDF ID: PAD981737109
Waste Code: D008 - LEAD 5.0 MG/L TCLP
Quantity: 00150
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: TT - Cargo tank, tank trucks
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

VAL'S MOTORS, INC. (Continued)

1000137968

Year: 93

Document ID: NYC4958267
Manifest Status: Not reported
Trans1 State ID: ILD984908202
Trans2 State ID: Not reported
Generator Ship Date: 01/15/1998
Trans1 Recv Date: 01/15/1998
Trans2 Recv Date: Not reported
TSD Site Recv Date: 01/16/1998
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD013222575
Trans1 EPA ID: NYD982743312
Trans2 EPA ID: Not reported
TSD ID: NYLW1771
Waste Code: F005 - UNKNOWN
Quantity: 00224
Units: P - Pounds
Number of Containers: 002
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 01.00
Year: 98

Document ID: NYB4291443
Manifest Status: Completed copy
Trans1 State ID: P52019IL
Trans2 State ID: Not reported
Generator Ship Date: 931215
Trans1 Recv Date: 931215
Trans2 Recv Date: Not reported
TSD Site Recv Date: 931217
Part A Recv Date: 931223
Part B Recv Date: 931230
Generator EPA ID: NYD013222575
Trans1 EPA ID: ILD099202681
Trans2 EPA ID: Not reported
TSD ID: NYD049836679
Waste Code: F005 - UNKNOWN
Quantity: 00087
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: TT - Cargo tank, tank trucks
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 93

Document ID: NYC5007126
Manifest Status: Not reported
Trans1 State ID: ILD984908202
Trans2 State ID: Not reported
Generator Ship Date: 03/26/1998
Trans1 Recv Date: 03/26/1998

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

VAL'S MOTORS, INC. (Continued)

1000137968

Trans2 Recv Date: Not reported
TSD Site Recv Date: 03/27/1998
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD013222575
Trans1 EPA ID: NYD982743312
Trans2 EPA ID: Not reported
TSD ID: NYLW1771
Waste Code: F005 - UNKNOWN
Quantity: 00224
Units: P - Pounds
Number of Containers: 002
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 01.00
Year: 98

Document ID: NYC5378602
Manifest Status: Not reported
Trans1 State ID: ILD984908202
Trans2 State ID: Not reported
Generator Ship Date: 09/08/1998
Trans1 Recv Date: 09/08/1998
Trans2 Recv Date: Not reported
TSD Site Recv Date: 09/09/1998
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD013222575
Trans1 EPA ID: NYD982743312
Trans2 EPA ID: Not reported
TSD ID: NYLW1771
Waste Code: F005 - UNKNOWN
Quantity: 00224
Units: P - Pounds
Number of Containers: 002
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 01.00
Year: 98

Document ID: NYC5246493
Manifest Status: Not reported
Trans1 State ID: ILD984908202
Trans2 State ID: Not reported
Generator Ship Date: 05/21/1998
Trans1 Recv Date: 05/21/1998
Trans2 Recv Date: Not reported
TSD Site Recv Date: 05/21/1998
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD013222575
Trans1 EPA ID: NYD982743312
Trans2 EPA ID: Not reported
TSD ID: NYLW1771
Waste Code: F005 - UNKNOWN

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

VAL'S MOTORS, INC. (Continued)

1000137968

Quantity: 00112
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 01.00
Year: 98

Document ID: NYC5436202
Manifest Status: Not reported
Trans1 State ID: ILD984908202
Trans2 State ID: Not reported
Generator Ship Date: 11/06/1998
Trans1 Recv Date: 11/06/1998
Trans2 Recv Date: Not reported
TSD Site Recv Date: 11/06/1998
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD013222575
Trans1 EPA ID: NYD982743312
Trans2 EPA ID: Not reported
TSD ID: NYLW1771
Waste Code: F005 - UNKNOWN
Quantity: 00224
Units: P - Pounds
Number of Containers: 002
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 01.00
Year: 98

Document ID: NYC5315286
Manifest Status: Not reported
Trans1 State ID: ILD984908202
Trans2 State ID: Not reported
Generator Ship Date: 07/15/1998
Trans1 Recv Date: 07/15/1998
Trans2 Recv Date: Not reported
TSD Site Recv Date: 07/16/1998
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD013222575
Trans1 EPA ID: NYD982743312
Trans2 EPA ID: Not reported
TSD ID: NYLW1771
Waste Code: F005 - UNKNOWN
Quantity: 00112
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 01.00
Year: 98

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

VAL'S MOTORS, INC. (Continued)

1000137968

[Click this hyperlink](#) while viewing on your computer to access
23 additional NY_MANIFEST: record(s) in the EDR Site Report.

NY Spills:

Site ID: 246312
Facility Addr2: Not reported
Facility ID: 9110296
Spill Number: 9110296
Facility Type: ER
SWIS: 3415
Investigator: ROMOCKI
Referred To: Not reported
Spill Date: 12/31/1991
Reported to Dept: 12/31/1991
CID: Not reported
Spill Cause: Housekeeping
Water Affected: Not reported
Spill Source: Commercial/Industrial
Spill Notifier: Responsible Party
Cleanup Ceased: 8/25/1995
Cleanup Meets Std: True
Last Inspection: 8/28/1995
Recommended Penalty: Penalty Not Recommended
UST Trust: False
Spill Class: Known release that creates potential for fire or hazard. DEC Response.
Willing Responsible Party. Corrective action taken.
Spill Closed Dt: 8/25/1995
Remediation Phase: 0
Date Entered In Computer: 12/31/1991
Spill Record Last Update: 8/28/1995
Spiller Name: Not reported
Spiller Company: VAL'S MOTORS INC.
Spiller Address: 756 STATE FAIR BLVD.
Spiller City,St,Zip: SYRACUSE, NY
Spiller Company: 001
Contact Name: Not reported
Contact Phone: Not reported
DEC Region: 7
DER Facility ID: 202290
DEC Memo: Prior to Sept, 2004 data translation this spill Lead_DEC Field was
"MR" 12/31/91: MET WITH L. VALERINO AND ART BAGOZZI. REQUESTED THAT
CONTAMINATED SOIL BE EXCAVATED AND DISPOSED OF. NOTIFIED VALERINO
THAT SEWER DISCHARGE WAS ILLEGAL MUST BE MODIFIED. 05/15/92: REC'D
NOTICE THAT REQUIRED SAMPLING HAS BEEN COMPLETED. WAITING FOR
RESULTS. 11/20/92: CONSULTANT HIRED TO REMEDIATE SITE. 02/10/93: WORK
PROPOSAL TO INVESTIGATE SITE WAS APPROVED BY R.BRAZELL 12/27/92.
09/28/95: This is additional information about material spilled from
the translation of the old spill file: ANTI-FREEZE.
Remarks: SHEEN NOTICED WHEN EXCAVATING DRAIN FROM CAR DEALERSHIP.
Material:
Site ID: 246312
Operable Unit ID: 963889
Operable Unit: 01
Material ID: 418844
Material Code: 0022

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

VAL'S MOTORS, INC. (Continued)

1000137968

Material Name: Waste Oil/Used Oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 50
Units: Gallons
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:

Site ID: Not reported
Spill Tank Test: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate: Not reported
Gross Fail: Not reported
Modified By: Not reported
Last Modified: Not reported
Test Method: Not reported

NY Hist Spills:

Region of Spill: 7
Spill Number: 9110296
Investigator: MR
Caller Name: Not reported
Caller Agency: Not reported
Caller Phone: Not reported
Notifier Name: Not reported
Notifier Agency: Not reported
Notifier Phone: Not reported
Spill Date/Time: 12/31/1991 01:00
Reported to Dept Date/Time: 12/31/91 10:00
SWIS: 31
Spiller Name: VAL'S MOTORS INC.
Spiller Contact: Not reported
Spiller Phone: (315) 487-6211
Spiller Address: 756 STATE FAIR BLVD.
Spiller City,St,Zip: SYRACUSE, NY
Spill Cause: Housekeeping
Reported to Dept: In Sewer
Water Affected: Not reported
Spill Source: 01
Spill Notifier: Responsible Party
PBS Number: Not reported
Cleanup Ceased: 08/25/95
Cleanup Meets Std: True
Last Inspection: 08/28/95
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Dt: / /
Enforcement Date: / /
Invstgn Complete: / /
UST Involvement: False
Spill Class: Known release that creates potential for fire or hazard. DEC Response.
Willing Responsible Party. Corrective action taken.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

VAL'S MOTORS, INC. (Continued)

1000137968

Spill Closed Dt: 08/25/95
Corrective Action Plan Submitted: / /
Date Region Sent Summary to Central Office: / /
Date Spill Entered In Computer Data File: 12/31/91
Date Spill Entered In Computer Data File: Not reported
Update Date: 08/28/95
Is Updated: False

Tank:

PBS Number: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported

Material:

Material Class Type: Petroleum
Quantity Spilled: 50
Unkonwn Quantity Spilled: False
Units: Gallons
Quantity Recovered: 0
Unkonwn Quantity Recovered: False
Material: WASTE OIL
Class Type: WASTE OIL
Times Material Entry In File: 9509
CAS Number: Not reported
Last Date: 19940927
DEC Remarks: 12/31/91: MET WITH L. VALERINO AND ART BAGOZZI. REQUESTED THAT CONTAMINATED SOIL BE EXCAVATED AND DISPOSED OF. NOTIFIED VALERINO THAT SEWER DISCHARGE WAS ILLEGAL MUST BE MODIFIED. 05/15/92: REC D NOTICE THAT REQUIRED SAMPLING HAS BEEN COMPLETED.WAITING FOR RESULTS. 11/20/92: CONSULTANT HIRED TO REMEDIATE SITE. 02/10/93: WORK PROPOSAL TO INVESTIGATE SITE WAS APPROVED BY R.BRAZELL 12/27/92. 09/28/95: This is additional information about material spilled from the translation of the oldspill file: ANTI-FREEZE.
Remark: SHEEN NOTICED WHEN EXCAVATING DRAIN FROM CAR DEALERSHIP.

**L54
NNE
> 1
1.236 mi.
6524 ft.**

**VAL'S DODGE
756 STATE FAIR BLVD
SOLVAY, NY 13209**

**HSWDS S108146410
N/A**

Site 8 of 13 in cluster L

**Relative:
Lower**

HSWDS:

Facility ID: Not reported
Region: 7
Facility Status: Unknown
Owner Type: Puplic
Owner: Louis Valerino
Owner Address: 756 State Fair Blvd.
Owner Phone: Unknown
Operator Type: Puplic
Operator: Same
Operator: Same
Operator Phone: Same
EPA ID: Not reported
Registry: Is or was on NYS Registry of Inactive Haz Waste Disposal Sites
Registry Site ID: 734040
RCRA Permitted: Unknown

**Actual:
392 ft.**

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

VAL'S DODGE (Continued)

S108146410

Site Code: Municipal Landfill
Owner City State: Lakeland
Operator City State: Not reported
Quadrangle: Unknown
Latitude: 43 05 07 N
Longitude: 76 14 08 W
Acres: 0.00
Operator Date: 1927
Close Date: Unknown
Completed: Phase 2
Active: Unknown
PCB's Disposed: Yes
Pesticides Disposed: No
Metals Disposed: No
Asbestos Disposed: No
Volatile Organic Compounds Disposed: Unknown
Semi Volatile Organic Compounds Disposed: Unknown
Analytical Info Exists for Air: Not reported
Analytical Info Exists for Ground: Not reported
Analytical Info Exists for Surface: Surface Water
Analytical Info Exists for Sediments: Sediment
Analytical Info Exists for Surface: Surface Soil
Analytical Info Exists for Substance: SubSoil
Analytical Info Exists for Waste: Not reported
Analytical Info Exists for Leachate: Not reported
Analytical Info Exists for EP Toxicity: Not reported
Analytical Info Exists for TCLP: Not reported
Threat to Environment/Public Health: Environmental/Public
Surface Water Contamination: Unknown
Surface Water Body Class: Unknown
Groundwater Contamination: Unknown
Groundwater Classification: Unknown
Drinking Water Contamination: Unknown
Drinking Water Supply is Active: Unknown
Any Known Fish or Wildlife: Unknown
Hazardous Exposure: Yes
Site Has Controlled Access: No
Ambient Air Contamination: Unknown
Direct Contact: Yes
EPA Hazardous Ranking System Score: Not reported
Inventory: F
Neftap: Not reported
Mailing: Not reported
Tax Map No: Not reported
Qualify: 0
Next Action: Not reported
Agencies: Not reported
Air: Not reported
Building: Not reported
Site Desc: Not reported
Drink: Not reported
Eptox: Not reported
Fish: Not reported
Ground: Not reported
Ground Desc: Not reported
Hazardous Threat: Not reported
Haz Threat Desc: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

VAL'S DODGE (Continued)

S108146410

Leachate: Not reported
Preparer: Not reported
Sediment: Not reported
Soil: Not reported
Surface: Not reported
Status: Not reported
Surface Soil: Not reported
Surface: Not reported
TCLP: Not reported
Waste: Not reported

L55
NNE
> 1
1.236 mi.
6524 ft.

VAL'S MOTORS INC.
756 STATE FAIR BLVD
SYRACUSE, NY 13209
Site 9 of 13 in cluster L

UST U003313871
HIST UST N/A

Relative:
Lower

UST:
Facility Id: 7-464651
Region: STATE
DEC Region: 7
Site Status: Unregulated
Program Type: PBS
Expiration Date: N/A
UTM X: 399323.46122
UTM Y: 4771139.1631300002

Actual:
392 ft.

Affiliation Records:
Site Id: 46206
Affiliation Type: Mail Contact
Company Name: MOBIL OIL CORP;ATT:A.J.PRINGLE
Contact Type: Not reported
Contact Name: Not reported
Address1: 3225 GALLOWS RD.; ENV.ENGINEER
Address2: Not reported
City: FAIRFAX
State: VA
Zip Code: 22037
Country Code: 001
Phone: (703) 849-5862
Phone Ext: Not reported
Email: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 3/10/2010

Site Id: 46206
Affiliation Type: On-Site Operator
Company Name: VALS MOTORS INC.
Contact Type: Not reported
Contact Name: VAL'S MOTORS INC.
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (315) 487-6211

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

VAL'S MOTORS INC. (Continued)

U003313871

Phone Ext: Not reported
Email: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Site Id: 46206
Affiliation Type: Emergency Contact
Company Name: MOBIL OIL CORP;ATT:A.J.PRINGLE
Contact Type: Not reported
Contact Name: GARY J. VALERINO
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (315) 487-8117
Phone Ext: Not reported
Email: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Site Id: 46206
Affiliation Type: Owner
Company Name: MOBIL OIL CORP;ATT:A.J.PRINGLE
Contact Type: Not reported
Contact Name: Not reported
Address1: 3225 GALLOWS RD.; ENV.ENGINEER
Address2: Not reported
City: FAIRFAX
State: VA
Zip Code: 22037
Country Code: 001
Phone: (703) 849-5862
Phone Ext: Not reported
Email: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 3/10/2010

Equipment Records:

G00 - Tank Secondary Containment - None
A00 - Tank Internal Protection - None
J02 - Dispenser - Suction
D00 - Pipe Type - No Piping
B00 - Tank External Protection - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
F00 - Pipe External Protection - None
C00 - Pipe Location - No Piping
G00 - Tank Secondary Containment - None
H00 - Tank Leak Detection - None
D00 - Pipe Type - No Piping
J02 - Dispenser - Suction
A00 - Tank Internal Protection - None

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

VAL'S MOTORS INC. (Continued)

U003313871

B00 - Tank External Protection - None
I00 - Overfill - None
F00 - Pipe External Protection - None
C00 - Pipe Location - No Piping

Tank Info:

Site ID: 46206

Tank Number: 001
Tank ID: 134535
Tank Status: Closed Prior to Micro Conversion, 03/91
Tank Model: Not reported
Pipe Model: Not reported
Install Date: Not reported
Capacity Gallons: 2000
Tightness Test Method: NN
Next Test Date: Not reported
Date Tank Closed: Not reported
Tank Location: 5
Tank Type: Steel/carbon steel
Date Test: Not reported
Register: True
Modified By: TRANSLAT
Last Modified: 3/4/2004

Site ID: 46206

Tank Number: 002
Tank ID: 134536
Tank Status: Closed Prior to Micro Conversion, 03/91
Tank Model: Not reported
Pipe Model: Not reported
Install Date: Not reported
Capacity Gallons: 3000
Tightness Test Method: NN
Next Test Date: Not reported
Date Tank Closed: Not reported
Tank Location: 5
Tank Type: Steel/carbon steel
Date Test: Not reported
Register: True
Modified By: TRANSLAT
Last Modified: 3/4/2004

HIST UST:

PBS Number: 7-464651
SPDES Number: Not reported
Emergency Contact: GARY J. VALERINO
Emergency Telephone: (315) 487-8117
Operator: VAL'S MOTORS INC.
Operator Telephone: (315) 487-6211
Owner Name: MOBIL OIL CORP;ATT:A.J.PRINGLE
Owner Address: 3225 GALLOWS RD.; ENV.ENGINEER
Owner City,St,Zip: FAIRFAX, VA 22037
Owner Telephone: (703) 849-5862
Owner Type: Not reported
Owner Subtype: Mobil Oil Company

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

VAL'S MOTORS INC. (Continued)

U003313871

Mailing Name: MOBIL OIL CORP;ATT:A.J.PRINGLE
Mailing Address: 3225 GALLOWS RD.; ENV.ENGINEER
Mailing Address 2: Not reported
Mailing City,St,Zip: FAIRFAX, VA 22037
Mailing Contact: Not reported
Mailing Telephone: (703) 849-5862
Owner Mark: First Owner
Facility Status: 2 - Unregulated by PBS (the total capacity is less than 1,101 gallons)
and Subpart 360-14.
Facility Addr2: Not reported
SWIS ID: 3115
Old PBS Number: Not reported
Facility Type: Not reported
Inspected Date: Not reported
Inspector: Not reported
Inspection Result: Not reported
Federal ID: Not reported
Certification Flag: False
Certification Date: 01/18/1989
Expiration Date: 01/18/1994
Renew Flag: False
Renewal Date: Not reported
Total Capacity: 0
FAMT: True
Facility Screen: Minor Data Missing
Owner Screen: Minor Data Missing
Tank Screen: 0
Dead Letter: False
CBS Number: Not reported
Town or City: SYRACUSE (C)
County Code: 31
Town or City: 15
Region: 7

Tank Id: 001
Tank Location: UNDERGROUND
Tank Status: Closed Before April 1, 1991
Install Date: Not reported
Capacity (gals): 2000
Product Stored: LEADED GASOLINE
Tank Type: Steel/carbon steel
Tank Internal: Not reported
Tank External: Not reported
Pipe Location: Not reported
Pipe Type: Not reported
Pipe Internal: Not reported
Pipe External: Not reported
Second Containment: None
Leak Detection: None
Overfill Prot: Not reported
Dispenser: Suction
Date Tested: Not reported
Next Test Date: Not reported
Missing Data for Tank: Minor Data Missing
Date Closed: Not reported
Test Method: Not reported
Deleted: False

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

VAL'S MOTORS INC. (Continued)

U003313871

Updated: False
Lat/long: Not reported

Tank Id: 002
Tank Location: UNDERGROUND
Tank Status: Closed Before April 1, 1991
Install Date: Not reported
Capacity (gals): 3000
Product Stored: LEADED GASOLINE
Tank Type: Steel/carbon steel
Tank Internal: Not reported
Tank External: Not reported
Pipe Location: Not reported
Pipe Type: Not reported
Pipe Internal: Not reported
Pipe External: Not reported
Second Containment: None
Leak Detection: None
Overfill Prot: Not reported
Dispenser: Suction
Date Tested: Not reported
Next Test Date: Not reported
Missing Data for Tank: Minor Data Missing
Date Closed: Not reported
Test Method: Not reported
Deleted: False
Updated: False
Lat/long: Not reported

L56
NNE
> 1
1.236 mi.
6524 ft.

VAL'S DODGE (2)
756 STATE FAIR BLVD
SOLVAY, NY 13209

HSWDS S108146824
N/A

Site 10 of 13 in cluster L

Relative:
Lower

HSWDS:
Facility ID: Not reported
Region: 7
Facility Status: Unknown
Owner Type: Puplic
Owner: Louis Valerino
Owner Address: 756 State Fair Blvd.
Owner Phone: Unknown
Operator Type: Puplic
Operator: Same
Operator: Same
Operator Phone: Same
EPA ID: NYD980530075
Registry: Is or was on NYS Registry of Inactive Haz Waste Disposal Sites
Registry Site ID: 734040
RCRA Permitted: Unknown
Site Code: Municipal Landfill
Owner City State: Lakeland
Operator City State: Not reported
Quadrangle: Syracuse West
Latitude: 43 05 07 N
Longitude: 76 14 08 W

Actual:
392 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

VAL'S DODGE (2) (Continued)

S108146824

Acres: 16.50
Operator Date: 1927
Close Date: Unknown
Completed: Phase 2
Active: Unknown
PCB's Disposed: Yes
Pesticides Disposed: No
Metals Disposed: No
Asbestos Disposed: No
Volatile Organic Compounds Disposed: Unknown
Semi Volatile Organic Compounds Disposed: Unknown
Analytical Info Exists for Air: Not reported
Analytical Info Exists for Ground: Groundwater
Analytical Info Exists for Surface: Surface Water
Analytical Info Exists for Sediments: Sediment
Analytical Info Exists for Surface: Surface Soil
Analytical Info Exists for Substance: Subsurface
Analytical Info Exists for Waste: Waste
Analytical Info Exists for Leachate: Not reported
Analytical Info Exists for EP Toxicity: EPTox
Analytical Info Exists for TCLP: Not reported
Threat to Environment/Public Health: Environmental/Public
Surface Water Contamination: Unknown
Surface Water Body Class: Unknown
Groundwater Contamination: Unknown
Groundwater Classification: Unknown
Drinking Water Contamination: Unknown
Drinking Water Supply is Active: Unknown
Any Known Fish or Wildlife: Unknown
Hazardous Exposure: Yes
Site Has Controlled Access: No
Ambient Air Contamination: Unknown
Direct Contact: Yes
EPA Hazardous Ranking System Score: Not reported
Inventory: F
Nefrap: Not reported
Mailing: Not reported
Tax Map No: Not reported
Qualify: 0
Next Action: Not reported
Agencies: Not reported
Air: Not reported
Building: Not reported
Site Desc: Not reported
Drink: Not reported
Eptox: Not reported
Fish: Not reported
Ground: Not reported
Ground Desc: Not reported
Hazardous Threat: Not reported
Haz Threat Desc: Not reported
Leachate: Not reported
Preparer: Not reported
Sediment: Not reported
Soil: Not reported
Surface: Not reported
Status: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

VAL'S DODGE (2) (Continued)

S108146824

Surface Soil: Not reported
 Surface: Not reported
 TCLP: Not reported
 Waste: Not reported

L57
NNE
 > 1
 1.235 mi.
 6523 ft.

BYRNE DAIRY STORE
759 STATE FAIR BLVD
SYRACUSE, NY

NY Spills S109371454
N/A

Site 11 of 13 in cluster L

Relative:
Lower

NY Spills:

Actual:
393 ft.

Site ID: 404022
 Facility Addr2: Not reported
 Facility ID: 0806729
 Spill Number: 0806729
 Facility Type: ER
 SWIS: 3415
 Investigator: hdwarner
 Referred To: Not reported
 Spill Date: 9/15/2008
 Reported to Dept: 9/15/2008
 CID: Not reported
 Spill Cause: Unknown
 Water Affected: Not reported
 Spill Source: Gasoline Station
 Spill Notifier: Citizen
 Cleanup Ceased: Not reported
 Cleanup Meets Std: False
 Last Inspection: 9/15/2008
 Recommended Penalty: Penalty Not Recommended
 UST Trust: False
 Spill Class: Possible release with minimal potential for fire or hazard or Known release with no damage. DEC Response. Willing Responsible Party. Corrective action taken.
 Spill Closed Dt: 10/27/2008
 Remediation Phase: 0
 Date Entered In Computer: 9/15/2008
 Spill Record Last Update: 10/27/2008
 Spiller Name: PAUL SEABROOK
 Spiller Company: BYRNE DAIRY
 Spiller Address: 759 STATE FAIR BLVD
 Spiller City,St,Zip: SYRACUSE, NY
 Spiller Company: 999
 Contact Name: PAUL SEABROOK
 Contact Phone: (315) 468-0743
 DEC Region: 7
 DER Facility ID: 353248
 DEC Memo: Minor surface spill probably less than 5 gallons. Small amount entered surface drain that discharged to retention pond on site. Absorbants applied to pavement and discharge point into storm water retention pond.
 Remarks: caller states that there is a massive gas spill at the above location. caller states that the fumes are overwhelming. there is a lot of gasoline in the storm drain.

Material:

Site ID: 404022

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BYRNE DAIRY STORE (Continued)

S109371454

Operable Unit ID: 1160701
Operable Unit: 01
Material ID: 2151875
Material Code: 0009
Material Name: Gasoline
Case No.: Not reported
Material FA: Petroleum
Quantity: 25
Units: Gallons
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:

Site ID: Not reported
Spill Tank Test: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate: Not reported
Gross Fail: Not reported
Modified By: Not reported
Last Modified: Not reported
Test Method: Not reported

L58
NNE
> 1
1.235 mi.
6523 ft.

BYRNE DAIRY LAKELAND
759 - 763 STATE FAIR BLVD
SYRACUSE, NY 13209
Site 12 of 13 in cluster L

UST U004053206
N/A

Relative:
Lower

UST:

Facility Id: 7-601090
Region: STATE
DEC Region: 7
Site Status: Active
Program Type: PBS
Expiration Date: 2011/06/06
UTM X: 399305.41978
UTM Y: 4771146.8713400001

Actual:
393 ft.

Affiliation Records:

Site Id: 365003
Affiliation Type: Owner
Company Name: SONBYRNE SALES, INC.
Contact Type: DIRECTOR OF FACILITIES
Contact Name: CHRISTIAN BRUNELLE
Address1: 171 NY-5
Address2: Not reported
City: WEEDSPORT
State: NY
Zip Code: 13166
Country Code: 001
Phone: (315) 214-6455
Phone Ext: 502
Email: Not reported
Fax Number: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BYRNE DAIRY LAKELAND (Continued)

U004053206

Modified By: KCKemp
Date Last Modified: 7/13/2007

Site Id: 365003
Affiliation Type: On-Site Operator
Company Name: BYRNE DAIRY LAKELAND
Contact Type: Not reported
Contact Name: SONBYRNE SALES, INC.
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: Not reported
Phone Ext: Not reported
Email: Not reported
Fax Number: Not reported
Modified By: KCKemp
Date Last Modified: 6/6/2006

Site Id: 365003
Affiliation Type: Mail Contact
Company Name: SONBYRNE SALES, INC.
Contact Type: DIRECTOR OF FACILITIES
Contact Name: CHRISTIAN BRUNELLE
Address1: 171 NY-5
Address2: Not reported
City: WEEDSPORT
State: NY
Zip Code: 13166
Country Code: 001
Phone: (315) 214-6455
Phone Ext: 502
Email: Not reported
Fax Number: Not reported
Modified By: KCKemp
Date Last Modified: 7/13/2007

Site Id: 365003
Affiliation Type: Emergency Contact
Company Name: SONBYRNE SALES, INC.
Contact Type: Not reported
Contact Name: CHRISTIAN BRUNELLE
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: (315) 420-7575
Phone Ext: Not reported
Email: Not reported
Fax Number: Not reported
Modified By: KCKemp
Date Last Modified: 7/13/2007

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BYRNE DAIRY LAKELAND (Continued)

U004053206

Equipment Records:

- E04 - Piping Secondary Containment - Double-Walled (Underground)
- I01 - Overfill - Float Vent Valve
- I03 - Overfill - Automatic Shut-Off
- D11 - Pipe Type - Flexible Piping
- L07 - Piping Leak Detection - Pressurized Piping Leak Detector
- L08 - Piping Leak Detection - Tank Top Sump
- G04 - Tank Secondary Containment - Double-Walled (Underground)
- K01 - Spill Prevention - Catch Basin
- B04 - Tank External Protection - Fiberglass
- J01 - Dispenser - Submersible
- A03 - Tank Internal Protection - Fiberglass Liner (FRP)
- F00 - Pipe External Protection - None
- C02 - Pipe Location - Underground/On-ground
- H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
- K01 - Spill Prevention - Catch Basin
- J01 - Dispenser - Submersible
- J01 - Dispenser - Submersible
- F00 - Pipe External Protection - None
- L07 - Piping Leak Detection - Pressurized Piping Leak Detector
- I01 - Overfill - Float Vent Valve
- G04 - Tank Secondary Containment - Double-Walled (Underground)
- C02 - Pipe Location - Underground/On-ground
- B04 - Tank External Protection - Fiberglass
- L08 - Piping Leak Detection - Tank Top Sump
- L07 - Piping Leak Detection - Pressurized Piping Leak Detector
- H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
- G04 - Tank Secondary Containment - Double-Walled (Underground)
- C02 - Pipe Location - Underground/On-ground
- D11 - Pipe Type - Flexible Piping
- B04 - Tank External Protection - Fiberglass
- A03 - Tank Internal Protection - Fiberglass Liner (FRP)
- D11 - Pipe Type - Flexible Piping
- H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
- I03 - Overfill - Automatic Shut-Off
- L08 - Piping Leak Detection - Tank Top Sump
- E04 - Piping Secondary Containment - Double-Walled (Underground)
- K01 - Spill Prevention - Catch Basin
- A03 - Tank Internal Protection - Fiberglass Liner (FRP)
- I01 - Overfill - Float Vent Valve
- E04 - Piping Secondary Containment - Double-Walled (Underground)
- F00 - Pipe External Protection - None
- I03 - Overfill - Automatic Shut-Off

Tank Info:

Site ID: 365003

Tank Number: 001
Tank ID: 212127
Tank Status: In Service
Tank Model: 104
Pipe Model: Not reported
Install Date: 6/14/2006
Capacity Gallons: 15000
Tightness Test Method: NN
Next Test Date: Not reported
Date Tank Closed: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

BYRNE DAIRY LAKELAND (Continued)

U004053206

Tank Location: 5
 Tank Type: Equivalent technology
 Date Test: Not reported
 Register: True
 Modified By: KCKEMP
 Last Modified: 3/26/2010

Site ID: 365003

Tank Number: 002A
 Tank ID: 212128
 Tank Status: In Service
 Tank Model: 104
 Pipe Model: Not reported
 Install Date: 6/14/2006
 Capacity Gallons: 5000
 Tightness Test Method: NN
 Next Test Date: Not reported
 Date Tank Closed: Not reported

Tank Location: 5
 Tank Type: Equivalent technology
 Date Test: Not reported
 Register: True
 Modified By: KCKEMP
 Last Modified: 3/26/2010

Site ID: 365003

Tank Number: 002B
 Tank ID: 212129
 Tank Status: In Service
 Tank Model: 104
 Pipe Model: Not reported
 Install Date: 6/14/2006
 Capacity Gallons: 5000
 Tightness Test Method: NN
 Next Test Date: Not reported
 Date Tank Closed: Not reported

Tank Location: 5
 Tank Type: Equivalent technology
 Date Test: Not reported
 Register: True
 Modified By: KCKEMP
 Last Modified: 3/26/2010

M59
SE
> 1
1.238 mi.
6538 ft.

FRED SPICER PROPERTY
515 HORAN ROAD
CAMILLUS, NY 13031

Site 1 of 5 in cluster M

FINDS 1007794554
N/A

Relative:
Higher

FINDS:

Registry ID: 110019570604

Actual:
418 ft.

Environmental Interest/Information System
 FIS (New York - Facility Information System) is New York's Department
 of Environmental Conservation (DEC) information system for tracking

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

FRED SPICER PROPERTY (Continued)

1007794554

environmental facility information found across the State.

60
WSW
 > 1
 1.242 mi.
 6559 ft.

ONONDAGA CO GREENFIELD VILLAGE STP
BRIARHURST LN
CAMILLUS, NY 13031

FINDS 1007802569
N/A

Relative:
Higher

FINDS:

Registry ID: 110019650965

Actual:
407 ft.

Environmental Interest/Information System

FIS (New York - Facility Information System) is New York's Department of Environmental Conservation (DEC) information system for tracking environmental facility information found across the State.

M61
SE
 > 1
 1.244 mi.
 6566 ft.

SLAVIC FULL GOSPEL CHURCH
519 HORAN RD
CAMILLUS, NY 13031

FINDS 1008003746
N/A

Site 2 of 5 in cluster M

Relative:
Higher

FINDS:

Registry ID: 110020763823

Actual:
418 ft.

Environmental Interest/Information System

FIS (New York - Facility Information System) is New York's Department of Environmental Conservation (DEC) information system for tracking environmental facility information found across the State.

M62
SE
 > 1
 1.246 mi.
 6579 ft.

ROTELLA BODY SHOP
521 HORAN RD
CAMILLUS, NY

NY Spills S102122940
NY Hist Spills N/A

Site 3 of 5 in cluster M

Relative:
Higher

NY Spills:

Site ID: 223676
 Facility Addr2: Not reported
 Facility ID: 9203408
 Spill Number: 9203408
 Facility Type: ER
 SWIS: 3420
 Investigator: MENASH
 Referred To: Not reported
 Spill Date: 6/9/1992
 Reported to Dept: 6/19/1992
 CID: Not reported
 Spill Cause: Deliberate
 Water Affected: 4

Actual:
418 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ROTELLA BODY SHOP (Continued)

S102122940

Spill Source: Commercial/Industrial
Spill Notifier: Other
Cleanup Ceased: 1/12/1993
Cleanup Meets Std: True
Last Inspection: Not reported
Recommended Penalty: Penalty Not Recommended
UST Trust: False
Spill Class: Possible release with minimal potential for fire or hazard or Known release with no damage. No DEC Response. No corrective action required.
Spill Closed Dt: 1/12/1993
Remediation Phase: 0
Date Entered In Computer: 7/14/1992
Spill Record Last Update: 1/12/1993
Spiller Name: Not reported
Spiller Company: TONY ROTELLA
Spiller Address: 521 HORAN RD
Spiller City,St,Zip: CAMILLUS, NY
Spiller Company: 001
Contact Name: Not reported
Contact Phone: Not reported
DEC Region: 7
DER Facility ID: 184916
DEC Memo: Prior to Sept, 2004 data translation this spill Lead_DEC Field was "MN"
Remarks: ANONYMOUS CALLER CLAIMS ROTELLA BODY SHOP DUMPING PAINT SOLVENTS BEHIND BLDG.

Material:

Site ID: 223676
Operable Unit ID: 967222
Operable Unit: 01
Material ID: 411203
Material Code: 1139A
Material Name: PAINT SOLVENTS
Case No.: Not reported
Material FA: Other
Quantity: 0
Units: Not reported
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:

Site ID: Not reported
Spill Tank Test: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate: Not reported
Gross Fail: Not reported
Modified By: Not reported
Last Modified: Not reported
Test Method: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ROTELLA BODY SHOP (Continued)

S102122940

NY Hist Spills:

Region of Spill: 7
Spill Number: 9203408
Investigator: MN
Caller Name: Not reported
Caller Agency: Not reported
Caller Phone: Not reported
Notifier Name: Not reported
Notifier Agency: Not reported
Notifier Phone: Not reported
Spill Date/Time: 06/09/1992 12:00
Reported to Dept Date/Time: 06/19/92 15:35
SWIS: 31
Spiller Name: TONY ROTELLA
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Address: 521 HORAN RD
Spiller City,St,Zip: CAMILLUS, NY
Spill Cause: Deliberate
Reported to Dept: On Land
Water Affected: 4
Spill Source: 01
Spill Notifier: Other
PBS Number: Not reported
Cleanup Ceased: 01/12/93
Cleanup Meets Std: True
Last Inspection: / /
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Dt: / /
Enforcement Date: / /
Invstgn Complete: / /
UST Involvement: False
Spill Class: Possible release with minimal potential for fire or hazard or Known release with no damage. No DEC Response. No corrective action required.
Spill Closed Dt: 01/12/93
Corrective Action Plan Submitted: / /
Date Region Sent Summary to Central Office: / /
Date Spill Entered In Computer Data File: 07/14/92
Date Spill Entered In Computer Data File: Not reported
Update Date: 01/12/93
Is Updated: False

Tank:

PBS Number: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported

Material:

Material Class Type: Hazardous Material
Quantity Spilled: 0
Unkonwn Quantity Spilled: False
Units: Not reported
Quantity Recovered: 0
Unkonwn Quantity Recovered: False

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ROTELLA BODY SHOP (Continued)

S102122940

Material: PAINT SOLVENTS
Class Type: PAINT SOLVENTS
Times Material Entry In File: 1
CAS Number: Not reported
Last Date: Not reported
DEC Remarks: Not reported
Remark: ANONYMOUS CALLER CLAIMS ROTELLA BODY SHOP DUMPING PAINT SOLVENTS BE- HIND BLDG.

M63
SE
> 1
1.248 mi.
6588 ft.

TONY ROTELLAS BODY SHOP INC.
521 HORAN RD
SYRACUSE, NY 13219

RCRA-NonGen **1000440691**
FINDS **NYD982540122**
MANIFEST

Site 4 of 5 in cluster M

Relative:
Higher

RCRA-NonGen:

Date form received by agency: 01/01/2007

Facility name: TONY ROTELLAS BODY SHOP INC.

Facility address: 521 HORAN RD
SYRACUSE, NY 132191300

EPA ID: NYD982540122

Mailing address: HORAN RD
SYRACUSE, NY 13219

Contact: Not reported
Contact address: HORAN RD
SYRACUSE, NY 13219

Contact country: US

Contact telephone: Not reported

Contact email: Not reported

EPA Region: 02

Classification: Non-Generator

Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: ROTELLA, TONY
Owner/operator address: NOT REQUIRED
NOT REQUIRED, WY 99999

Owner/operator country: US
Owner/operator telephone: (212) 555-1212

Legal status: Private

Owner/Operator Type: Owner

Owner/Op start date: Not reported

Owner/Op end date: Not reported

Owner/operator name: ROTELLA, TONY
Owner/operator address: NOT REQUIRED
NOT REQUIRED, WY 99999

Owner/operator country: US
Owner/operator telephone: (212) 555-1212

Legal status: Private

Owner/Operator Type: Operator

Owner/Op start date: Not reported

Owner/Op end date: Not reported

Handler accessibility indicator: Transferred to the program or state equivalent.

Handler Activities Summary:

U.S. importer of hazardous waste: Unknown

Mixed waste (haz. and radioactive): Unknown

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TONY ROTELLAS BODY SHOP INC. (Continued)

1000440691

Recycler of hazardous waste: No
Transporter of hazardous waste: Unknown
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: Unknown
Furnace exemption: Unknown
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Commercial status unknown

Historical Generators:

Date form received by agency: 01/01/2006
Facility name: TONY ROTELLAS BODY SHOP INC.
Classification: Not a generator, verified

Date form received by agency: 07/08/1999
Facility name: TONY ROTELLAS BODY SHOP INC.
Classification: Not a generator, verified

Date form received by agency: 08/05/1988
Facility name: TONY ROTELLAS BODY SHOP INC.
Classification: Small Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110004424506

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

NY MANIFEST:

EPA ID: NYD982540122
Country: USA
Mailing Name: TONY ROTELLAS BODY SHOP
Mailing Contact: TONY ROTELLAS BODY SHOP
Mailing Address: 521 HORAN ROAD
Mailing Address 2: Not reported
Mailing City: SYRACUSE
Mailing State: NY
Mailing Zip: 13219
Mailing Zip4: Not reported
Mailing Country: USA
Mailing Phone: 315-488-6587

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TONY ROTELLAS BODY SHOP INC. (Continued)

1000440691

Document ID: NYA7421013
Manifest Status: Completed copy
Trans1 State ID: 000000000
Trans2 State ID: 000000000
Generator Ship Date: 881216
Trans1 Recv Date: 881216
Trans2 Recv Date: Not reported
TSD Site Recv Date: 881216
Part A Recv Date: 881221
Part B Recv Date: 881222
Generator EPA ID: NYD982540122
Trans1 EPA ID: VAD980831580
Trans2 EPA ID: Not reported
TSD ID: NYD043815703
Waste Code: F005 - UNKNOWN
Quantity: 00315
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: TT - Cargo tank, tank trucks
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 88

Document ID: NYA8240868
Manifest Status: Completed copy
Trans1 State ID: 000000000
Trans2 State ID: 000000000
Generator Ship Date: 890706
Trans1 Recv Date: 890706
Trans2 Recv Date: Not reported
TSD Site Recv Date: 890710
Part A Recv Date: 890712
Part B Recv Date: 890720
Generator EPA ID: NYD982540122
Trans1 EPA ID: ILD099202681
Trans2 EPA ID: Not reported
TSD ID: NYD049836679
Waste Code: F005 - UNKNOWN
Quantity: 00095
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: TT - Cargo tank, tank trucks
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 89

Document ID: NYB1914723
Manifest Status: Completed after the designated time period for a TSD ID to get a copy to the DEC
Trans1 State ID: 000000000
Trans2 State ID: 000000000
Generator Ship Date: 900202
Trans1 Recv Date: 900202
Trans2 Recv Date: Not reported
TSD Site Recv Date: 900205
Part A Recv Date: 900416

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TONY ROTELLAS BODY SHOP INC. (Continued)

1000440691

Part B Recv Date: 900214
Generator EPA ID: NYD982540122
Trans1 EPA ID: ILD099202681
Trans2 EPA ID: Not reported
TSD ID: NYD049836679
Waste Code: F005 - UNKNOWN
Quantity: 00075
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: TT - Cargo tank, tank trucks
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 90

Document ID: NYB4865067
Manifest Status: Completed copy
Trans1 State ID: P52019IL
Trans2 State ID: Not reported
Generator Ship Date: 941012
Trans1 Recv Date: 941012
Trans2 Recv Date: Not reported
TSD Site Recv Date: 941017
Part A Recv Date: 941019
Part B Recv Date: 941028
Generator EPA ID: NYD982540122
Trans1 EPA ID: ILD099202681
Trans2 EPA ID: Not reported
TSD ID: NYD049836679
Waste Code: F005 - UNKNOWN
Quantity: 00330
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: TT - Cargo tank, tank trucks
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 94

Document ID: NYB1414665
Manifest Status: Completed after the designated time period for a TSD to get a copy to the DEC
Trans1 State ID: P48760IL
Trans2 State ID: Not reported
Generator Ship Date: 900913
Trans1 Recv Date: 900913
Trans2 Recv Date: Not reported
TSD Site Recv Date: 900917
Part A Recv Date: 901004
Part B Recv Date: 901010
Generator EPA ID: NYD982540122
Trans1 EPA ID: ILD099202681
Trans2 EPA ID: Not reported
TSD ID: NYD049836679
Waste Code: F005 - UNKNOWN
Quantity: 00185
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TONY ROTELLAS BODY SHOP INC. (Continued)

1000440691

Container Type: TT - Cargo tank, tank trucks
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 90

Document ID: NYB2387358
Manifest Status: Completed copy
Trans1 State ID: P14005
Trans2 State ID: Not reported
Generator Ship Date: 910409
Trans1 Recv Date: 910409
Trans2 Recv Date: Not reported
TSD Site Recv Date: 910411
Part A Recv Date: 910426
Part B Recv Date: 910418
Generator EPA ID: NYD982540122
Trans1 EPA ID: ILD099202681
Trans2 EPA ID: Not reported
TSD ID: NYD049836679
Waste Code: F005 - UNKNOWN
Quantity: 00310
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: TT - Cargo tank, tank trucks
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 91

Document ID: NYG2374722
Manifest Status: Not reported
Trans1 State ID: NYD057770109
Trans2 State ID: Not reported
Generator Ship Date: 06/29/2000
Trans1 Recv Date: 06/29/2000
Trans2 Recv Date: Not reported
TSD Site Recv Date: 07/05/2000
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD982540122
Trans1 EPA ID: NYD057770109
Trans2 EPA ID: Not reported
TSD ID: 202331ANY
Waste Code: F005 - UNKNOWN
Quantity: 00660
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 012
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 01.00
Year: 00

Document ID: NYB2497230
Manifest Status: Completed copy
Trans1 State ID: P14005IL

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TONY ROTELLAS BODY SHOP INC. (Continued)

1000440691

Trans2 State ID: Not reported
Generator Ship Date: 911108
Trans1 Recv Date: 911108
Trans2 Recv Date: Not reported
TSD Site Recv Date: 911119
Part A Recv Date: Not reported
Part B Recv Date: 911203
Generator EPA ID: NYD982540122
Trans1 EPA ID: ILD099202681
Trans2 EPA ID: Not reported
TSD ID: NYD049836679
Waste Code: F005 - UNKNOWN
Quantity: 00220
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: TT - Cargo tank, tank trucks
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 91

Document ID: NYB5037039
Manifest Status: Completed after the designated time period for a TSD to get a copy to the DEC
Trans1 State ID: P22295IL
Trans2 State ID: Not reported
Generator Ship Date: 920512
Trans1 Recv Date: 920512
Trans2 Recv Date: Not reported
TSD Site Recv Date: 920518
Part A Recv Date: Not reported
Part B Recv Date: 920611
Generator EPA ID: NYD982540122
Trans1 EPA ID: ILD099202681
Trans2 EPA ID: Not reported
TSD ID: NYD049836679
Waste Code: F005 - UNKNOWN
Quantity: 00135
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: TT - Cargo tank, tank trucks
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 92

N64
NE
> 1
1.250 mi.
6601 ft.

FRANK G. POPE
691 STATE FAIR BLVD
SYRACUSE, NY 13209

Site 1 of 4 in cluster N

UST U003314008
HIST UST N/A

Relative:
Lower

UST:
Facility Id: 7-600603
Region: STATE
DEC Region: 7
Site Status: Unregulated
Program Type: PBS
Expiration Date: N/A
UTM X: 400115.1775899998

Actual:
380 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FRANK G. POPE (Continued)

U003314008

UTM Y: 4770536.4995999997

Affiliation Records:

Site Id: 47040
Affiliation Type: On-Site Operator
Company Name: FRANK G. POPE
Contact Type: Not reported
Contact Name: FRANK POPE
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (315) 487-9075
Phone Ext: Not reported
Email: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Site Id: 47040
Affiliation Type: Owner
Company Name: FRANK G. POPE
Contact Type: Not reported
Contact Name: Not reported
Address1: 693 STATE FAIR BLVD.
Address2: Not reported
City: SYRACUSE
State: NY
Zip Code: 13209
Country Code: 001
Phone: (315) 487-9075
Phone Ext: Not reported
Email: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Site Id: 47040
Affiliation Type: Mail Contact
Company Name: FRANK G. POPE
Contact Type: Not reported
Contact Name: Not reported
Address1: 695 STATE FAIR BLVD.
Address2: Not reported
City: SYRACUSE
State: NY
Zip Code: 13209
Country Code: 001
Phone: (315) 487-9075
Phone Ext: Not reported
Email: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Site Id: 47040

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FRANK G. POPE (Continued)

U003314008

Affiliation Type: Emergency Contact
Company Name: FRANK G. POPE
Contact Type: Not reported
Contact Name: FRANK POPE
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (315) 487-9075
Phone Ext: Not reported
Email: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Equipment Records:

D01 - Pipe Type - Steel/Carbon Steel/Iron
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
A00 - Tank Internal Protection - None
J02 - Dispenser - Suction
J02 - Dispenser - Suction
F00 - Pipe External Protection - None
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
I00 - Overfill - None
G00 - Tank Secondary Containment - None
G00 - Tank Secondary Containment - None
B00 - Tank External Protection - None
B00 - Tank External Protection - None
H00 - Tank Leak Detection - None
H00 - Tank Leak Detection - None
J02 - Dispenser - Suction
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
G00 - Tank Secondary Containment - None
C02 - Pipe Location - Underground/On-ground
I00 - Overfill - None
B00 - Tank External Protection - None
C02 - Pipe Location - Underground/On-ground
C02 - Pipe Location - Underground/On-ground
F00 - Pipe External Protection - None

Tank Info:

Site ID: 47040

Tank Number: 1
Tank ID: 138581
Tank Status: Closed - Removed
Tank Model: Not reported
Pipe Model: Not reported
Install Date: Not reported
Capacity Gallons: 4000
Tightness Test Method: NN

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FRANK G. POPE (Continued)

U003314008

Next Test Date: Not reported
Date Tank Closed: 6/1/1998
Tank Location: 5
Tank Type: Steel/carbon steel
Date Test: Not reported
Register: True
Modified By: TRANSLAT
Last Modified: 3/4/2004

Site ID: 47040

Tank Number: 2
Tank ID: 138582
Tank Status: Closed - Removed
Tank Model: Not reported
Pipe Model: Not reported
Install Date: Not reported
Capacity Gallons: 3000
Tightness Test Method: NN
Next Test Date: Not reported
Date Tank Closed: 6/1/1998
Tank Location: 5
Tank Type: Steel/carbon steel
Date Test: Not reported
Register: True
Modified By: TRANSLAT
Last Modified: 3/4/2004

Site ID: 47040

Tank Number: 3
Tank ID: 138583
Tank Status: Closed - Removed
Tank Model: Not reported
Pipe Model: Not reported
Install Date: Not reported
Capacity Gallons: 3000
Tightness Test Method: NN
Next Test Date: Not reported
Date Tank Closed: 6/1/1998
Tank Location: 5
Tank Type: Steel/carbon steel
Date Test: Not reported
Register: True
Modified By: TRANSLAT
Last Modified: 3/4/2004

HIST UST:

PBS Number: 7-600603
SPDES Number: Not reported
Emergency Contact: FRANK POPE
Emergency Telephone: (315) 487-9075
Operator: FRANK POPE
Operator Telephone: (315) 487-9075
Owner Name: FRANK G. POPE
Owner Address: 693 STATE FAIR BLVD.
Owner City,St,Zip: SYRACUSE, NY 13209

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FRANK G. POPE (Continued)

U003314008

Owner Telephone: (315) 487-9075
Owner Type: Corporate/Commercial
Owner Subtype: Not reported
Mailing Name: FRANK G. POPE
Mailing Address: 695 STATE FAIR BLVD.
Mailing Address 2: Not reported
Mailing City,St,Zip: SYRACUSE, NY 13209
Mailing Contact: Not reported
Mailing Telephone: (315) 487-9075
Owner Mark: First Owner
Facility Status: 2 - Unregulated by PBS (the total capacity is less than 1,101 gallons) and Subpart 360-14.

Facility Addr2: Not reported
SWIS ID: 3132
Old PBS Number: Not reported
Facility Type: RETAIL GASOLINE SALES
Inspected Date: Not reported
Inspector: Not reported
Inspection Result: Not reported
Federal ID: Not reported
Certification Flag: False
Certification Date: Not reported
Expiration Date: 06/12/2003
Renew Flag: False
Renewal Date: Not reported
Total Capacity: 0
FAMT: True
Facility Screen: No Missing Data
Owner Screen: Minor Data Missing
Tank Screen: 0
Dead Letter: False
CBS Number: Not reported
Town or City: GEDDES
County Code: 31
Town or City: 32
Region: 7

Tank Id: 1
Tank Location: UNDERGROUND
Tank Status: Closed-Removed
Install Date: Not reported
Capacity (gals): 4000
Product Stored: LEADED GASOLINE
Tank Type: Steel/carbon steel
Tank Internal: None
Tank External: None
Pipe Location: Underground
Pipe Type: STEEL/IRON
Pipe Internal: None
Pipe External: None
Second Containment: None
Leak Detection: None
Overfill Prot: None
Dispenser: Suction
Date Tested: Not reported
Next Test Date: Not reported
Missing Data for Tank: No Missing Data

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FRANK G. POPE (Continued)

U003314008

Date Closed: 06/01/1998
Test Method: Not reported
Deleted: False
Updated: True
Lat/long: Not reported

Tank Id: 2
Tank Location: UNDERGROUND
Tank Status: Closed-Removed
Install Date: Not reported
Capacity (gals): 3000
Product Stored: LEADED GASOLINE
Tank Type: Steel/carbon steel
Tank Internal: None
Tank External: None
Pipe Location: Underground
Pipe Type: STEEL/IRON
Pipe Internal: None
Pipe External: None
Second Containment: None
Leak Detection: None
Overfill Prot: None
Dispenser: Suction
Date Tested: Not reported
Next Test Date: Not reported
Missing Data for Tank: No Missing Data
Date Closed: 06/01/1998
Test Method: Not reported
Deleted: False
Updated: True
Lat/long: Not reported

Tank Id: 3
Tank Location: UNDERGROUND
Tank Status: Closed-Removed
Install Date: Not reported
Capacity (gals): 3000
Product Stored: LEADED GASOLINE
Tank Type: Steel/carbon steel
Tank Internal: None
Tank External: None
Pipe Location: Underground
Pipe Type: STEEL/IRON
Pipe Internal: None
Pipe External: None
Second Containment: None
Leak Detection: None
Overfill Prot: None
Dispenser: Suction
Date Tested: Not reported
Next Test Date: Not reported
Missing Data for Tank: No Missing Data
Date Closed: 06/01/1998
Test Method: Not reported
Deleted: False

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FRANK G. POPE (Continued)

U003314008

Updated: True
Lat/long: Not reported

**N65
NE
> 1
1.259 mi.
6647 ft.**

**LUBER INC
690 STATE FAIR BLVD
SYRACUSE, NY 13209**

Site 2 of 4 in cluster N

**RCRA-NonGen 1000555973
FINDS NYD986985224
LTANKS
MANIFEST**

**Relative:
Lower**

RCRA-NonGen:

**Actual:
380 ft.**

Date form received by agency: 01/01/2007
Facility name: LUBER INC
Facility address: 690 STATE FAIR BLVD
SYRACUSE, NY 132091308
EPA ID: NYD986985224
Mailing address: STATE FAIR BLVD
SYRACUSE, NY 13209
Contact: Not reported
Contact address: STATE FAIR BLVD
SYRACUSE, NY 13209
Contact country: US
Contact telephone: Not reported
Contact email: Not reported
EPA Region: 02
Land type: Private
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: LUBER INC
Owner/operator address: 690 STATE FAIR BLVD
SYRACUSE, NY 13209
Owner/operator country: US
Owner/operator telephone: (315) 487-8787
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: LUBER INC
Owner/operator address: 690 STATE FAIR BLVD
SYRACUSE, NY 13209
Owner/operator country: US
Owner/operator telephone: (315) 487-8787
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler accessibility indicator: Transferred to the program or state equivalent.

Handler Activities Summary:

U.S. importer of hazardous waste: Unknown
Mixed waste (haz. and radioactive): Unknown
Recycler of hazardous waste: No
Transporter of hazardous waste: Unknown
Treater, storer or disposer of HW: No
Underground injection activity: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LUBER INC (Continued)

1000555973

On-site burner exemption: Unknown
Furnace exemption: Unknown
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Commercial status unknown

Historical Generators:

Date form received by agency: 01/01/2006
Facility name: LUBER INC
Classification: Not a generator, verified

Date form received by agency: 07/08/1999
Facility name: LUBER INC
Classification: Not a generator, verified

Date form received by agency: 12/09/1991
Facility name: LUBER INC
Classification: Small Quantity Generator

Violation Status: No violations found

Evaluation Action Summary:

Evaluation date: 06/13/2002
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

FINDS:

Registry ID: 110004482168

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

LTANKS:

Site ID: 203936
Spill No: 0200904
Spill Date: 4/24/2002
Spill Cause: Tank Failure
Spill Source: Private Dwelling
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt: 7/21/2003
Facility Addr2: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LUBER INC (Continued)

1000555973

Cleanup Ceased: Not reported
Cleanup Meets Standard: False
SWIS: 3415
Investigator: CFMANNES
Referred To: Not reported
Reported to Dept: 4/24/2002
CID: 270
Water Affected: Not reported
Spill Notifier: Affected Persons
Last Inspection: 4/25/2002
Recommended Penalty: Penalty Not Recommended
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 4/24/2002
Spill Record Last Update: 10/6/2003
Spiller Name: CALLER
Spiller Company: LUBER INC
Spiller Address: 690 STATE FAIR BLVD
Spiller City,St,Zip: SYRACUSE, NY
Spiller County: 001
Spiller Contact: CALLER
Spiller Phone: Not reported
Spiller Extention: Not reported
DEC Region: 7
DER Facility ID: 169580
DEC Memo: Prior to Sept, 2004 data translation this spill Lead_DEC Field was "CM"
Remarks: tank at location developed a leak. clean up in progress

Material:

Site ID: 203936
Operable Unit ID: 854352
Operable Unit: 01
Material ID: 555497
Material Code: 0009
Material Name: Gasoline
Case No.: Not reported
Material FA: Petroleum
Quantity: 0
Units: Gallons
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:

Site ID: 203936
Spill Tank Test: 1527073
Tank Number: Not reported
Tank Size: 0
Test Method: 00
Leak Rate: 0
Gross Fail: Not reported
Modified By: Spills
Last Modified: 10/1/2004
Test Method: Unknown

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

LUBER INC (Continued)

1000555973

NY MANIFEST:

EPA ID: NYD986985224
 Country: USA
 Mailing Name: LUBER HOMES
 Mailing Contact: RAY LUBER
 Mailing Address: 690 STATE FAIR BOULEVARD
 Mailing Address 2: Not reported
 Mailing City: SYRACUSE
 Mailing State: NY
 Mailing Zip: 13209
 Mailing Zip4: Not reported
 Mailing Country: USA
 Mailing Phone: 315-487-8787

Document ID: NYB1721043
 Manifest Status: Completed copy
 Trans1 State ID: NXJA1589
 Trans2 State ID: Not reported
 Generator Ship Date: 920117
 Trans1 Recv Date: 920117
 Trans2 Recv Date: Not reported
 TSD Site Recv Date: 920117
 Part A Recv Date: Not reported
 Part B Recv Date: 920129
 Generator EPA ID: NYD986985224
 Trans1 EPA ID: NYD986941607
 Trans2 EPA ID: Not reported
 TSD ID: NYD095577342
 Waste Code: D001 - NON-LISTED IGNITABLE WASTES
 Quantity: 00211
 Units: G - Gallons (liquids only)* (8.3 pounds)
 Number of Containers: 001
 Container Type: TT - Cargo tank, tank trucks
 Handling Method: B Incineration, heat recovery, burning.
 Specific Gravity: 100
 Year: 92

N66
NE
 > 1
 1.259 mi.
 6647 ft.

LUBER INC.
690 STATE FAIR BLVD.
SYRACUSE, NY 13209
 Site 3 of 4 in cluster N

HIST UST U003078247
AST N/A
HIST AST

Relative:
Lower

HIST UST:

PBS Number: 7-600076
 SPDES Number: Not reported
 Emergency Contact: RAY LUBER
 Emergency Telephone: (315) 487-8787
 Operator: LUBER INC.
 Operator Telephone: (315) 487-8787
 Owner Name: LUBER INC.
 Owner Address: 690 STATE FAIR BLVD.
 Owner City,St,Zip: SYRACUSE, NY 13209
 Owner Telephone: (315) 487-8787
 Owner Type: Corporate/Commercial
 Owner Subtype: Not reported

Actual:
380 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LUBER INC. (Continued)

U003078247

Mailing Name: LUBER INC.
Mailing Address: 690 STATE FAIR BLVD.
Mailing Address 2: Not reported
Mailing City, St, Zip: SYRACUSE, NY 13209
Mailing Contact: RAYMOND G. LUBER
Mailing Telephone: (315) 487-8787
Owner Mark: First Owner
Facility Status: 1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.

Facility Addr2: Not reported
SWIS ID: 3132
Old PBS Number: Not reported
Facility Type: OTHER
Inspected Date: Not reported
Inspector: Not reported
Inspection Result: Not reported
Federal ID: Not reported
Certification Flag: False
Certification Date: 12/20/1996
Expiration Date: 12/16/2001
Renew Flag: False
Renewal Date: Not reported
Total Capacity: 1975
FAMT: True
Facility Screen: No Missing Data
Owner Screen: No Missing Data
Tank Screen: No Missing Data
Dead Letter: False
CBS Number: Not reported
Town or City: GEDDES
County Code: 31
Town or City: 32
Region: 7

Tank Id: 1
Tank Location: UNDERGROUND
Tank Status: Closed-In Place
Install Date: 19751201
Capacity (gals): 2000
Product Stored: EMPTY
Tank Type: Steel/carbon steel
Tank Internal: None
Tank External: Painted/Asphalt Coating
Pipe Location: Underground
Pipe Type: GALVANIZED STEEL
Pipe Internal: None
Pipe External: None
Second Containment: None
Leak Detection: None
Overfill Prot: None
Dispenser: 0
Date Tested: Not reported
Next Test Date: Not reported
Missing Data for Tank: No Missing Data
Date Closed: Not reported
Test Method: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LUBER INC. (Continued)

U003078247

Deleted: False
Updated: True
Lat/long: Not reported

Tank Id: 2
Tank Location: UNDERGROUND
Tank Status: Closed-In Place
Install Date: 19751201
Capacity (gals): 2000
Product Stored: EMPTY
Tank Type: Steel/carbon steel
Tank Internal: None
Tank External: Painted/Asphalt Coating
Pipe Location: Underground
Pipe Type: GALVANIZED STEEL
Pipe Internal: None
Pipe External: None
Second Containment: None
Leak Detection: None
Overfill Prot: None
Dispenser: 0
Date Tested: Not reported
Next Test Date: Not reported
Missing Data for Tank: No Missing Data
Date Closed: Not reported
Test Method: Not reported
Deleted: False
Updated: True
Lat/long: Not reported

AST:

Region: STATE
DEC Region: 7
Site Status: Active
Facility Id: 7-600076
Program Type: PBS
UTM X: 400176.71878
UTM Y: 4770513.38442
Expiration Date: 2011/12/16

Affiliation Records:

Site Id: 46517
Affiliation Type: Mail Contact
Company Name: LUBER INC.
Contact Type: Not reported
Contact Name: RAYMOND G. LUBER
Address1: 690 STATE FAIR BLVD.
Address2: Not reported
City: SYRACUSE
State: NY
Zip Code: 13209
Country Code: 001
Phone: (315) 487-8787
Phone Ext: Not reported
Email: Not reported
Fax Number: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LUBER INC. (Continued)

U003078247

Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Site Id: 46517
Affiliation Type: On-Site Operator
Company Name: LUBER INC.
Contact Type: Not reported
Contact Name: LUBER INC.
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (315) 487-8787
Phone Ext: Not reported
Email: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Site Id: 46517
Affiliation Type: Emergency Contact
Company Name: LUBER INC.
Contact Type: Not reported
Contact Name: RAY LUBER
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (315) 487-8787
Phone Ext: Not reported
Email: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Site Id: 46517
Affiliation Type: Owner
Company Name: LUBER INC.
Contact Type: PRESIDENT
Contact Name: RAYMOND LUBER
Address1: 690 STATE FAIR BLVD.
Address2: Not reported
City: SYRACUSE
State: NY
Zip Code: 13209
Country Code: 001
Phone: (315) 487-8787
Phone Ext: Not reported
Email: Not reported
Fax Number: Not reported
Modified By: KCKemp
Date Last Modified: 11/2/2006

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LUBER INC. (Continued)

U003078247

Equipment Records:

- D00 - Pipe Type - No Piping
- D00 - Pipe Type - No Piping
- A00 - Tank Internal Protection - None
- G01 - Tank Secondary Containment - Diking (Aboveground)
- J02 - Dispenser - Suction
- G01 - Tank Secondary Containment - Diking (Aboveground)
- L09 - Piping Leak Detection - Exempt Suction Piping
- L09 - Piping Leak Detection - Exempt Suction Piping
- A00 - Tank Internal Protection - None
- J02 - Dispenser - Suction
- H00 - Tank Leak Detection - None
- C01 - Pipe Location - Aboveground
- C01 - Pipe Location - Aboveground
- F00 - Pipe External Protection - None
- I00 - Overfill - None
- B01 - Tank External Protection - Painted/Asphalt Coating
- F00 - Pipe External Protection - None
- B01 - Tank External Protection - Painted/Asphalt Coating
- I00 - Overfill - None
- H00 - Tank Leak Detection - None
- G01 - Tank Secondary Containment - Diking (Aboveground)
- A00 - Tank Internal Protection - None
- L09 - Piping Leak Detection - Exempt Suction Piping
- J02 - Dispenser - Suction
- H00 - Tank Leak Detection - None
- F00 - Pipe External Protection - None
- A00 - Tank Internal Protection - None
- L09 - Piping Leak Detection - Exempt Suction Piping
- D00 - Pipe Type - No Piping
- G01 - Tank Secondary Containment - Diking (Aboveground)
- J02 - Dispenser - Suction
- G01 - Tank Secondary Containment - Diking (Aboveground)
- B01 - Tank External Protection - Painted/Asphalt Coating
- D00 - Pipe Type - No Piping
- A00 - Tank Internal Protection - None
- L09 - Piping Leak Detection - Exempt Suction Piping
- J02 - Dispenser - Suction
- C00 - Pipe Location - No Piping
- F00 - Pipe External Protection - None
- B01 - Tank External Protection - Painted/Asphalt Coating
- F00 - Pipe External Protection - None
- B01 - Tank External Protection - Painted/Asphalt Coating
- D00 - Pipe Type - No Piping
- I00 - Overfill - None
- I00 - Overfill - None
- I00 - Overfill - None
- C01 - Pipe Location - Aboveground
- H00 - Tank Leak Detection - None
- C01 - Pipe Location - Aboveground
- H00 - Tank Leak Detection - None
- G01 - Tank Secondary Containment - Diking (Aboveground)
- A00 - Tank Internal Protection - None
- L09 - Piping Leak Detection - Exempt Suction Piping
- H00 - Tank Leak Detection - None
- D10 - Pipe Type - Copper
- A00 - Tank Internal Protection - None

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LUBER INC. (Continued)

U003078247

- H00 - Tank Leak Detection - None
- C01 - Pipe Location - Aboveground
- H00 - Tank Leak Detection - None
- D00 - Pipe Type - No Piping
- L09 - Piping Leak Detection - Exempt Suction Piping
- G00 - Tank Secondary Containment - None
- A00 - Tank Internal Protection - None
- D02 - Pipe Type - Galvanized Steel
- G00 - Tank Secondary Containment - None
- H00 - Tank Leak Detection - None
- G01 - Tank Secondary Containment - Diking (Aboveground)
- J02 - Dispenser - Suction
- C01 - Pipe Location - Aboveground
- A00 - Tank Internal Protection - None
- D02 - Pipe Type - Galvanized Steel
- J02 - Dispenser - Suction
- H00 - Tank Leak Detection - None
- C02 - Pipe Location - Underground/On-ground
- I00 - Overfill - None
- H00 - Tank Leak Detection - None
- L09 - Piping Leak Detection - Exempt Suction Piping
- C01 - Pipe Location - Aboveground
- C02 - Pipe Location - Underground/On-ground
- I00 - Overfill - None
- G01 - Tank Secondary Containment - Diking (Aboveground)
- A00 - Tank Internal Protection - None
- A00 - Tank Internal Protection - None
- G01 - Tank Secondary Containment - Diking (Aboveground)
- D00 - Pipe Type - No Piping
- J02 - Dispenser - Suction
- I00 - Overfill - None
- J02 - Dispenser - Suction
- I00 - Overfill - None
- L09 - Piping Leak Detection - Exempt Suction Piping
- C01 - Pipe Location - Aboveground
- I00 - Overfill - None
- D00 - Pipe Type - No Piping
- F00 - Pipe External Protection - None
- F00 - Pipe External Protection - None
- B01 - Tank External Protection - Painted/Asphalt Coating
- F00 - Pipe External Protection - None
- B01 - Tank External Protection - Painted/Asphalt Coating
- B01 - Tank External Protection - Painted/Asphalt Coating
- B01 - Tank External Protection - Painted/Asphalt Coating
- F00 - Pipe External Protection - None
- F00 - Pipe External Protection - None
- F00 - Pipe External Protection - None
- B01 - Tank External Protection - Painted/Asphalt Coating
- B01 - Tank External Protection - Painted/Asphalt Coating
- D10 - Pipe Type - Copper
- A00 - Tank Internal Protection - None
- L09 - Piping Leak Detection - Exempt Suction Piping
- G01 - Tank Secondary Containment - Diking (Aboveground)
- H00 - Tank Leak Detection - None
- I00 - Overfill - None
- C01 - Pipe Location - Aboveground
- I00 - Overfill - None

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LUBER INC. (Continued)

U003078247

B01 - Tank External Protection - Painted/Asphalt Coating
F00 - Pipe External Protection - None

Tank Info:

Tank Number: 10
Tank Id: 139947
Tank Location: 3
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Tank Model: Not reported
Pipe Model: Not reported
Install Date: 1/1/2002
Capacity Gallons: 300
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: KCKemp
Last Modified: 11/2/2006

Tank Number: 11
Tank Id: 139948
Tank Location: 3
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Tank Model: Not reported
Pipe Model: Not reported
Install Date: 1/1/2002
Capacity Gallons: 300
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: KCKemp
Last Modified: 11/2/2006

Tank Number: 12
Tank Id: 139949
Tank Location: 3
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Tank Model: Not reported
Pipe Model: Not reported
Install Date: 1/1/2002
Capacity Gallons: 300
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: KCKemp
Last Modified: 11/2/2006

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LUBER INC. (Continued)

U003078247

Tank Number: 3K
Tank Id: 135029
Tank Location: 3
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Tank Model: Not reported
Pipe Model: Not reported
Install Date: 12/1/1982
Capacity Gallons: 300
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: KCKemp
Last Modified: 11/2/2006

Tank Number: 4
Tank Id: 135030
Tank Location: 3
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Tank Model: Not reported
Pipe Model: Not reported
Install Date: 12/1/1989
Capacity Gallons: 300
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: KCKemp
Last Modified: 11/2/2006

Tank Number: 5
Tank Id: 135031
Tank Location: 3
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Tank Model: Not reported
Pipe Model: Not reported
Install Date: 12/1/1989
Capacity Gallons: 300
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: KCKemp
Last Modified: 11/2/2006

Tank Number: 6
Tank Id: 135032
Tank Location: 3

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LUBER INC. (Continued)

U003078247

Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Tank Model: Not reported
Pipe Model: Not reported
Install Date: 12/1/1989
Capacity Gallons: 300
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: KCKemp
Last Modified: 11/2/2006

Tank Number: 7
Tank Id: 135033
Tank Location: 3
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Tank Model: Not reported
Pipe Model: Not reported
Install Date: 10/1/1991
Capacity Gallons: 275
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: KCKemp
Last Modified: 11/2/2006

Tank Number: 8
Tank Id: 135034
Tank Location: 3
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Tank Model: Not reported
Pipe Model: Not reported
Install Date: 10/1/1991
Capacity Gallons: 500
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: KCKemp
Last Modified: 11/2/2006

Tank Number: 9
Tank Id: 139946
Tank Location: 3
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Tank Model: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LUBER INC. (Continued)

U003078247

Pipe Model: Not reported
Install Date: 1/1/2002
Capacity Gallons: 500
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: KCKemp
Last Modified: 11/2/2006

HIST AST:

PBS Number: 7-600076
SWIS Code: 3132
Operator: LUBER INC.
Facility Phone: (315) 487-8787
Facility Addr2: Not reported
Facility Type: OTHER
Emergency: RAY LUBER
Emergency Tel: (315) 487-8787
Old PBSNO: Not reported
Date Inspected: Not reported
Inspector: Not reported
Result of Inspection: Not reported
Owner Name: LUBER INC.
Owner Address: 690 STATE FAIR BLVD.
Owner City,St,Zip: SYRACUSE, NY 13209
Federal ID: Not reported
Owner Tel: (315) 487-8787
Owner Type: Corporate/Commercial
Owner Subtype: Not reported
Mailing Contact: RAYMOND G. LUBER
Mailing Name: LUBER INC.
Mailing Address: 690 STATE FAIR BLVD.
Mailing Address 2: Not reported
Mailing City,St,Zip: SYRACUSE, NY 13209
Mailing Telephone: (315) 487-8787
Owner Mark: First Owner
Facility Status: 1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.

Certification Flag: False
Certification Date: 12/20/1996
Expiration: 12/16/2001
Renew Flag: False
Renew Date: Not reported
Total Capacity: 1975
FAMT: True
Facility Screen: No Missing Data
Owner Screen: No Missing Data
Tank Screen: No Missing Data
Dead Letter: False
CBS Number: Not reported
Town or City: GEDDES
County Code: 31
Town or City Code: 32
Region: 7

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LUBER INC. (Continued)

U003078247

Tank ID: 3K
Tank Location: ABOVEGROUND ON SADDLES LEGS, STILTS, RACK, OR CRADLE
Tank Status: In Service
Install Date: 19821201
Capacity (Gal): 300
Product Stored: KEROSENE
Tank Type: Steel/carbon steel
Tank Internal: 0
Tank External: 01
Pipe Location: None
Pipe Type: NONE
Pipe Internal: None
Pipe External: 00
Tank Containment: None
Leak Detection: 00
Overfill Protection: 00
Dispenser Method: Suction
Date Tested: Not reported
Next Test Date: Not reported
Missing Data for Tank: No Missing Data
Date Closed: Not reported
Test Method: Not reported
Deleted: False
Updated: True
SPDES Number: Not reported
Lat/Long: Not reported

Tank ID: 4
Tank Location: ABOVEGROUND ON SADDLES LEGS, STILTS, RACK, OR CRADLE
Tank Status: In Service
Install Date: 19891201
Capacity (Gal): 300
Product Stored: UNLEADED GASOLINE
Tank Type: Steel/carbon steel
Tank Internal: 0
Tank External: 01
Pipe Location: Aboveground
Pipe Type: NONE
Pipe Internal: None
Pipe External: 00
Tank Containment: None
Leak Detection: 00
Overfill Protection: 00
Dispenser Method: Suction
Date Tested: Not reported
Next Test Date: Not reported
Missing Data for Tank: No Missing Data
Date Closed: Not reported
Test Method: Not reported
Deleted: False
Updated: True
SPDES Number: Not reported
Lat/Long: Not reported

Tank ID: 5

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LUBER INC. (Continued)

U003078247

Tank Location: ABOVEGROUND ON SADDLES LEGS, STILTS, RACK, OR CRADLE
Tank Status: In Service
Install Date: 19891201
Capacity (Gal): 300
Product Stored: UNLEADED GASOLINE
Tank Type: Steel/carbon steel
Tank Internal: 0
Tank External: 01
Pipe Location: Aboveground
Pipe Type: NONE
Pipe Internal: None
Pipe External: 00
Tank Containment: None
Leak Detection: 00
Overfill Protection: 00
Dispenser Method: Suction
Date Tested: Not reported
Next Test Date: Not reported
Missing Data for Tank: No Missing Data
Date Closed: Not reported
Test Method: Not reported
Deleted: False
Updated: True
SPDES Number: Not reported
Lat/Long: Not reported

Tank ID: 6
Tank Location: ABOVEGROUND ON SADDLES LEGS, STILTS, RACK, OR CRADLE
Tank Status: In Service
Install Date: 19891201
Capacity (Gal): 300
Product Stored: UNLEADED GASOLINE
Tank Type: Steel/carbon steel
Tank Internal: 0
Tank External: 01
Pipe Location: Aboveground
Pipe Type: NONE
Pipe Internal: None
Pipe External: 00
Tank Containment: None
Leak Detection: 00
Overfill Protection: 00
Dispenser Method: Suction
Date Tested: Not reported
Next Test Date: Not reported
Missing Data for Tank: No Missing Data
Date Closed: Not reported
Test Method: Not reported
Deleted: False
Updated: True
SPDES Number: Not reported
Lat/Long: Not reported

Tank ID: 7
Tank Location: ABOVEGROUND ON SADDLES LEGS, STILTS, RACK, OR CRADLE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LUBER INC. (Continued)

U003078247

Tank Status: In Service
Install Date: 19911001
Capacity (Gal): 275
Product Stored: NOS 1,2, OR 4 FUEL OIL
Tank Type: Steel/carbon steel
Tank Internal: 0
Tank External: 01
Pipe Location: Aboveground
Pipe Type: FIBERGLASS COATED STEEL
Pipe Internal: None
Pipe External: 00
Tank Containment: None
Leak Detection: 00
Overfill Protection: 00
Dispenser Method: Gravity
Date Tested: Not reported
Next Test Date: Not reported
Missing Data for Tank: No Missing Data
Date Closed: Not reported
Test Method: Not reported
Deleted: False
Updated: True
SPDES Number: Not reported
Lat/Long: Not reported

Tank ID: 8
Tank Location: ABOVEGROUND ON SADDLES LEGS, STILTS, RACK, OR CRADLE
Tank Status: In Service
Install Date: 19911001
Capacity (Gal): 500
Product Stored: NOS 1,2, OR 4 FUEL OIL
Tank Type: Steel/carbon steel
Tank Internal: 0
Tank External: 01
Pipe Location: None
Pipe Type: NONE
Pipe Internal: None
Pipe External: 00
Tank Containment: None
Leak Detection: 00
Overfill Protection: 00
Dispenser Method: Suction
Date Tested: Not reported
Next Test Date: Not reported
Missing Data for Tank: No Missing Data
Date Closed: Not reported
Test Method: Not reported
Deleted: False
Updated: True
SPDES Number: Not reported
Lat/Long: Not reported

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Site

Database(s)

EDR ID Number
EPA ID Number

N67
NE
> 1
1.259 mi.
6647 ft.

LUBER INC.
690 STATE FAIR BLVD
SYRACUSE, NY 13209

Site 4 of 4 in cluster N

UST **U004082212**
N/A

Relative:
Lower

UST:

Facility Id: 7-600076
Region: STATE
DEC Region: 7
Site Status: Active
Program Type: PBS
Expiration Date: 2011/12/16
UTM X: 400176.71878
UTM Y: 4770513.38442

Actual:
380 ft.

Affiliation Records:

Site Id: 46517
Affiliation Type: Mail Contact
Company Name: LUBER INC.
Contact Type: Not reported
Contact Name: RAYMOND G. LUBER
Address1: 690 STATE FAIR BLVD.
Address2: Not reported
City: SYRACUSE
State: NY
Zip Code: 13209
Country Code: 001
Phone: (315) 487-8787
Phone Ext: Not reported
Email: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Site Id: 46517
Affiliation Type: On-Site Operator
Company Name: LUBER INC.
Contact Type: Not reported
Contact Name: LUBER INC.
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (315) 487-8787
Phone Ext: Not reported
Email: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Site Id: 46517
Affiliation Type: Emergency Contact
Company Name: LUBER INC.
Contact Type: Not reported
Contact Name: RAY LUBER
Address1: Not reported
Address2: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LUBER INC. (Continued)

U004082212

City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (315) 487-8787
Phone Ext: Not reported
Email: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Site Id: 46517
Affiliation Type: Owner
Company Name: LUBER INC.
Contact Type: PRESIDENT
Contact Name: RAYMOND LUBER
Address1: 690 STATE FAIR BLVD.
Address2: Not reported
City: SYRACUSE
State: NY
Zip Code: 13209
Country Code: 001
Phone: (315) 487-8787
Phone Ext: Not reported
Email: Not reported
Fax Number: Not reported
Modified By: KCKemp
Date Last Modified: 11/2/2006

Equipment Records:

D00 - Pipe Type - No Piping
D00 - Pipe Type - No Piping
A00 - Tank Internal Protection - None
G01 - Tank Secondary Containment - Diking (Aboveground)
J02 - Dispenser - Suction
G01 - Tank Secondary Containment - Diking (Aboveground)
L09 - Piping Leak Detection - Exempt Suction Piping
L09 - Piping Leak Detection - Exempt Suction Piping
A00 - Tank Internal Protection - None
J02 - Dispenser - Suction
H00 - Tank Leak Detection - None
C01 - Pipe Location - Aboveground
C01 - Pipe Location - Aboveground
F00 - Pipe External Protection - None
I00 - Overfill - None
B01 - Tank External Protection - Painted/Asphalt Coating
F00 - Pipe External Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
I00 - Overfill - None
H00 - Tank Leak Detection - None
G01 - Tank Secondary Containment - Diking (Aboveground)
A00 - Tank Internal Protection - None
L09 - Piping Leak Detection - Exempt Suction Piping
J02 - Dispenser - Suction
H00 - Tank Leak Detection - None
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LUBER INC. (Continued)

U004082212

- L09 - Piping Leak Detection - Exempt Suction Piping
- D00 - Pipe Type - No Piping
- G01 - Tank Secondary Containment - Diking (Aboveground)
- J02 - Dispenser - Suction
- G01 - Tank Secondary Containment - Diking (Aboveground)
- B01 - Tank External Protection - Painted/Asphalt Coating
- D00 - Pipe Type - No Piping
- A00 - Tank Internal Protection - None
- L09 - Piping Leak Detection - Exempt Suction Piping
- J02 - Dispenser - Suction
- C00 - Pipe Location - No Piping
- F00 - Pipe External Protection - None
- B01 - Tank External Protection - Painted/Asphalt Coating
- F00 - Pipe External Protection - None
- B01 - Tank External Protection - Painted/Asphalt Coating
- D00 - Pipe Type - No Piping
- I00 - Overfill - None
- I00 - Overfill - None
- I00 - Overfill - None
- C01 - Pipe Location - Aboveground
- H00 - Tank Leak Detection - None
- C01 - Pipe Location - Aboveground
- H00 - Tank Leak Detection - None
- G01 - Tank Secondary Containment - Diking (Aboveground)
- A00 - Tank Internal Protection - None
- L09 - Piping Leak Detection - Exempt Suction Piping
- H00 - Tank Leak Detection - None
- D10 - Pipe Type - Copper
- A00 - Tank Internal Protection - None
- H00 - Tank Leak Detection - None
- C01 - Pipe Location - Aboveground
- H00 - Tank Leak Detection - None
- D00 - Pipe Type - No Piping
- L09 - Piping Leak Detection - Exempt Suction Piping
- G00 - Tank Secondary Containment - None
- A00 - Tank Internal Protection - None
- D02 - Pipe Type - Galvanized Steel
- G00 - Tank Secondary Containment - None
- H00 - Tank Leak Detection - None
- G01 - Tank Secondary Containment - Diking (Aboveground)
- J02 - Dispenser - Suction
- C01 - Pipe Location - Aboveground
- A00 - Tank Internal Protection - None
- D02 - Pipe Type - Galvanized Steel
- J02 - Dispenser - Suction
- H00 - Tank Leak Detection - None
- C02 - Pipe Location - Underground/On-ground
- I00 - Overfill - None
- H00 - Tank Leak Detection - None
- L09 - Piping Leak Detection - Exempt Suction Piping
- C01 - Pipe Location - Aboveground
- C02 - Pipe Location - Underground/On-ground
- I00 - Overfill - None
- G01 - Tank Secondary Containment - Diking (Aboveground)
- A00 - Tank Internal Protection - None
- A00 - Tank Internal Protection - None
- G01 - Tank Secondary Containment - Diking (Aboveground)

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LUBER INC. (Continued)

U004082212

D00 - Pipe Type - No Piping
J02 - Dispenser - Suction
I00 - Overfill - None
J02 - Dispenser - Suction
I00 - Overfill - None
L09 - Piping Leak Detection - Exempt Suction Piping
C01 - Pipe Location - Aboveground
I00 - Overfill - None
D00 - Pipe Type - No Piping
F00 - Pipe External Protection - None
F00 - Pipe External Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
F00 - Pipe External Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
B01 - Tank External Protection - Painted/Asphalt Coating
B01 - Tank External Protection - Painted/Asphalt Coating
F00 - Pipe External Protection - None
F00 - Pipe External Protection - None
F00 - Pipe External Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
B01 - Tank External Protection - Painted/Asphalt Coating
D10 - Pipe Type - Copper
A00 - Tank Internal Protection - None
L09 - Piping Leak Detection - Exempt Suction Piping
G01 - Tank Secondary Containment - Diking (Aboveground)
H00 - Tank Leak Detection - None
I00 - Overfill - None
C01 - Pipe Location - Aboveground
I00 - Overfill - None
B01 - Tank External Protection - Painted/Asphalt Coating
F00 - Pipe External Protection - None

Tank Info:

Site ID: 46517

Tank Number: 1
Tank ID: 135027
Tank Status: Closed - In Place
Tank Model: Not reported
Pipe Model: Not reported
Install Date: 12/1/1975
Capacity Gallons: 2000
Tightness Test Method: NN
Next Test Date: Not reported
Date Tank Closed: Not reported
Tank Location: 5
Tank Type: Steel/carbon steel
Date Test: Not reported
Register: True
Modified By: TRANSLAT
Last Modified: 3/4/2004

Site ID: 46517

Tank Number: 2
Tank ID: 135028
Tank Status: Closed - In Place
Tank Model: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LUBER INC. (Continued)

U004082212

Pipe Model: Not reported
Install Date: 12/1/1975
Capacity Gallons: 2000
Tightness Test Method: NN
Next Test Date: Not reported
Date Tank Closed: Not reported
Tank Location: 5
Tank Type: Steel/carbon steel
Date Test: Not reported
Register: True
Modified By: TRANSLAT
Last Modified: 3/4/2004

L68
NNE
> 1
1.265 mi.
6681 ft.

ONONDAGA COUNTY OF DEPT DRAINAGE & SANI
STATE FAIR BLVD & RTE 5 BYPASS
SYRACUSE, NY 13209

RCRA-NonGen **1001028928**
FINDS **NYR000011601**
MANIFEST

Site 13 of 13 in cluster L

Relative:
Equal

RCRA-NonGen:
Date form received by agency: 01/01/2007
Facility name: ONONDAGA COUNTY OF DEPT DRAINAGE & SANI
Facility address: STATE FAIR BLVD & RTE 5 BYPASS
LAKE SIDE PUMP STATION
SYRACUSE, NY 13209
EPA ID: NYR000011601
Mailing address: HIAWATHA BLVD
SYRACUSE, NY 132041194
Contact: Not reported
Contact address: HIAWATHA BLVD
SYRACUSE, NY 132041194
Contact country: US
Contact telephone: Not reported
Contact email: Not reported
EPA Region: 02
Land type: County
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Actual:
399 ft.

Owner/Operator Summary:

Owner/operator name: COUNTY OF ONONDAGA DEPT DRAINAGE & SANI
Owner/operator address: 650 HIAWATHA BLVD
SYRACUSE, NY 13204
Owner/operator country: US
Owner/operator telephone: (315) 435-2260
Legal status: County
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: COUNTY OF ONONDAGA DEPT DRAINAGE & SANI
Owner/operator address: 650 HIAWATHA BLVD
SYRACUSE, NY 13204

Owner/operator country: US
Owner/operator telephone: (315) 435-2260
Legal status: County
Owner/Operator Type: Operator

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ONONDAGA COUNTY OF DEPT DRAINAGE & SANI (Continued)

1001028928

Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler accessibility indicator: Transferred to the program or state equivalent.

Handler Activities Summary:

U.S. importer of hazardous waste: Unknown
Mixed waste (haz. and radioactive): Unknown
Recycler of hazardous waste: No
Transporter of hazardous waste: Unknown
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: Unknown
Furnace exemption: Unknown
Used oil fuel burner: No
Used oil processor: No
Used oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Commercial status unknown

Historical Generators:

Date form received by agency: 01/01/2006
Facility name: ONONDAGA COUNTY OF DEPT DRAINAGE & SANI
Classification: Not a generator, verified

Date form received by agency: 07/08/1999
Facility name: ONONDAGA COUNTY OF DEPT DRAINAGE & SANI
Classification: Not a generator, verified

Date form received by agency: 08/16/1995
Facility name: ONONDAGA COUNTY OF DEPT DRAINAGE & SANI
Classification: Small Quantity Generator

Violation Status: No violations found

Evaluation Action Summary:

Evaluation date: 10/22/2001
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

FINDS:

Registry ID: 110008091876

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ONONDAGA COUNTY OF DEPT DRAINAGE & SANI (Continued)

1001028928

NY MANIFEST:

EPA ID: NYR000011601
Country: USA
Mailing Name: ONONDAGA CO DEPT OF DRAINAGE/SANITATION
Mailing Contact: GARY C SCHAUS
Mailing Address: 650 HIAWATHA BLVD
Mailing Address 2: Not reported
Mailing City: SYRACUSE
Mailing State: NY
Mailing Zip: 13204
Mailing Zip4: Not reported
Mailing Country: USA
Mailing Phone: 315-435-2260

Document ID: NYB7839054
Manifest Status: Completed copy
Trans1 State ID: 98114FNY
Trans2 State ID: Not reported
Generator Ship Date: 950821
Trans1 Recv Date: 950821
Trans2 Recv Date: 950824
TSD Site Recv Date: 950825
Part A Recv Date: 950906
Part B Recv Date: 950913
Generator EPA ID: NYR000011601
Trans1 EPA ID: NJD054126164
Trans2 EPA ID: Not reported
TSD ID: OHD980681571
Waste Code: D018 - BENZENE 0.5 MG/L TCLP
Quantity: 00055
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 95

M69 ALLIED INDUSTRIAL LAUNDRIES
SE 537 HORAN RD
> 1 CAMILLUS, NY 13031
1.267 mi.
6689 ft. Site 5 of 5 in cluster M

DRYCLEANERS S110245872
N/A

Relative: DRYCLEANERS:
Higher Facility ID: 7-3120-00075
Owner: Not reported
Actual: Phone Number: Not reported
418 ft. Region: 7
Registration Effective Date: Not reported
Inspection Date: Not reported
Drop Shop: Not reported
Shutdown: Not reported
Alternate Solvent: Not reported
Current Business: ???

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

70
 NW
 > 1
 1.294 mi.
 6833 ft.

RUNOFF CREEK
3576 KIRK RD
WARNERS, NY

NY Spills **S103573690**
NY Hist Spills **N/A**

Relative:
Lower

NY Spills:

Actual:
393 ft.

Site ID: 194648
 Facility Addr2: Not reported
 Facility ID: 9809595
 Spill Number: 9809595
 Facility Type: ER
 SWIS: 3400
 Investigator: CFMANNES
 Referred To: Not reported
 Spill Date: 10/30/1998
 Reported to Dept: 10/30/1998
 CID: 323
 Spill Cause: Unknown
 Water Affected: Not reported
 Spill Source: Unknown
 Spill Notifier: Citizen
 Cleanup Ceased: Not reported
 Cleanup Meets Std: False
 Last Inspection: 11/4/1998
 Recommended Penalty: Penalty Not Recommended
 UST Trust: False
 Spill Class: Possible release with minimal potential for fire or hazard or Known release with no damage. No DEC Response. No corrective action required.
 Spill Closed Dt: 11/4/1998
 Remediation Phase: 0
 Date Entered In Computer: 10/30/1998
 Spill Record Last Update: 1/19/1999
 Spiller Name: Not reported
 Spiller Company: UNKNOWN
 Spiller Address: Not reported
 Spiller City,St,Zip: NY
 Spiller Company: 999
 Contact Name: TRACY MASI
 Contact Phone: (315) 487-8960
 DEC Region: 7
 DER Facility ID: 162201
 DEC Memo: Prior to Sept, 2004 data translation this spill Lead_DEC Field was "CM" INSPECTION REVEALED SHEEN WAS OF ORGANIC NATURE
 Remarks: RUN OFF CREEK NEXT TO THE RESIDENCE APPEARS TO HAVE SOME TYPE OF SHEEN ON IT. UNKNOWN WHERE IT IS COMING FROM.

Material:

Site ID: Not reported
 Operable Unit ID: Not reported
 Operable Unit: Not reported
 Material ID: Not reported
 Material Code: Not reported
 Material Name: Not reported
 Case No.: Not reported
 Material FA: Not reported
 Quantity: Not reported
 Units: Not reported
 Recovered: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RUNOFF CREEK (Continued)

S103573690

Resource Affected: Not reported
Oxygenate: Not reported

Tank Test:

Site ID: Not reported
Spill Tank Test: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate: Not reported
Gross Fail: Not reported
Modified By: Not reported
Last Modified: Not reported
Test Method: Not reported

NY Hist Spills:

Region of Spill: 7
Spill Number: 9809595
Investigator: CM
Caller Name: Not reported
Caller Agency: Not reported
Caller Phone: Not reported
Notifier Name: Not reported
Notifier Agency: Not reported
Notifier Phone: Not reported
Spill Date/Time: 10/30/1998 12:00
Reported to Dept Date/Time: 10/30/98 14:38
SWIS: 31
Spiller Name: UNKNOWN
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Contact: TRACY MASI
Spiller Phone: (315) 487-8960
Spiller Address: Not reported
Spiller City,St,Zip: Not reported
Spill Cause: Unknown
Reported to Dept: Surface Water
Water Affected: Not reported
Spill Source: 12
Spill Notifier: Citizen
PBS Number: Not reported
Cleanup Ceased: / /
Cleanup Meets Std: False
Last Inspection: 11/04/98
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Dt: / /
Enforcement Date: / /
Invstgn Complete: / /
UST Involvement: False
Spill Class: Possible release with minimal potential for fire or hazard or Known release with no damage. No DEC Response. No corrective action required.
Spill Closed Dt: 11/04/98
Corrective Action Plan Submitted: / /
Date Region Sent Summary to Central Office: / /

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RUNOFF CREEK (Continued)

S103573690

Date Spill Entered In Computer Data File: 10/30/98
Date Spill Entered In Computer Data File: Not reported
Update Date: 01/19/99
Is Updated: False

Tank:

PBS Number: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported

Material:

Material Class Type: Not reported
Quantity Spilled: Not reported
Unkonwn Quantity Spilled: Not reported
Units: Not reported
Quantity Recovered: Not reported
Unkonwn Quantity Recovered: Not reported
Material: Not reported
Class Type: Not reported
Times Material Entry In File: Not reported
CAS Number: Not reported
Last Date: Not reported

DEC Remarks: INSPECTION REVEALED SHEEN WAS OF ORGANIC NATURE
Remark: RUN OFF CREEK NEXT TO THE RESIDENCE APPEARS TO HAVE SOME TYPE OF SHEEN ON IT.
UNKNOWN WHERE IT IS COMING FROM.

071 **ESTATE OF JOHN S. FACIK**
ENE **670 STATE FAIR BLVD**
> 1 **SYRACUSE, NY 13209**
1.308 mi.
6904 ft. **Site 1 of 2 in cluster O**

UST **U003749771**
HIST UST **N/A**

Relative:
Lower

UST:

Facility Id: 7-600747
Region: STATE
DEC Region: 7
Site Status: Unregulated
Program Type: PBS
Expiration Date: N/A
UTM X: 400624.61157000001
UTM Y: 4770138.6365

Actual:
370 ft.

Affiliation Records:

Site Id: 47183
Affiliation Type: Emergency Contact
Company Name: CAROL J. ASCIOTI
Contact Type: Not reported
Contact Name: ANTHONY ASCIOTI
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (315) 487-0302
Phone Ext: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ESTATE OF JOHN S. FACIK (Continued)

U003749771

Email: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Site Id: 47183
Affiliation Type: On-Site Operator
Company Name: ESTATE OF JOHN S. FACIK
Contact Type: Not reported
Contact Name: N\A
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: Not reported
Phone Ext: Not reported
Email: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Site Id: 47183
Affiliation Type: Owner
Company Name: CAROL J. ASCIOTI
Contact Type: Not reported
Contact Name: Not reported
Address1: 304 HATHERLEIGH RD.
Address2: Not reported
City: SYRACUSE
State: NY
Zip Code: 13209
Country Code: 001
Phone: (315) 487-0302
Phone Ext: Not reported
Email: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Site Id: 47183
Affiliation Type: Mail Contact
Company Name: AAA FABRIZIO ENTERPRISES, INC.
Contact Type: Not reported
Contact Name: JOHN H. FLETCHER
Address1: 110 BRIDGE ST.
Address2: Not reported
City: SOLVAY
State: NY
Zip Code: 13027
Country Code: 001
Phone: (315) 487-4467
Phone Ext: Not reported
Email: Not reported
Fax Number: Not reported
Modified By: TRANSLAT

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ESTATE OF JOHN S. FACIK (Continued)

U003749771

Date Last Modified: 3/4/2004

Equipment Records:

B00 - Tank External Protection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
H00 - Tank Leak Detection - None
I00 - Overfill - None
B00 - Tank External Protection - None
C02 - Pipe Location - Underground/On-ground
I00 - Overfill - None
H00 - Tank Leak Detection - None
G00 - Tank Secondary Containment - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
A00 - Tank Internal Protection - None
C02 - Pipe Location - Underground/On-ground
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
G00 - Tank Secondary Containment - None
G00 - Tank Secondary Containment - None
H00 - Tank Leak Detection - None
F00 - Pipe External Protection - None
I00 - Overfill - None
C02 - Pipe Location - Underground/On-ground

Tank Info:

Site ID: 47183

Tank Number: 001
Tank ID: 139431
Tank Status: Tank Converted to Non-Regulated Use
Tank Model: Not reported
Pipe Model: Not reported
Install Date: Not reported
Capacity Gallons: 1000
Tightness Test Method: NN
Next Test Date: Not reported
Date Tank Closed: 8/1/1996
Tank Location: 5
Tank Type: Steel/carbon steel
Date Test: Not reported
Register: True
Modified By: TRANSLAT
Last Modified: 3/4/2004

Site ID: 47183

Tank Number: 002
Tank ID: 139432
Tank Status: Closed - Removed
Tank Model: Not reported
Pipe Model: Not reported
Install Date: Not reported
Capacity Gallons: 1000

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ESTATE OF JOHN S. FACIK (Continued)

U003749771

Tightness Test Method: NN
Next Test Date: Not reported
Date Tank Closed: 5/1/1998
Tank Location: 5
Tank Type: Steel/carbon steel
Date Test: Not reported
Register: True
Modified By: TRANSLAT
Last Modified: 3/4/2004

Site ID: 47183

Tank Number: 003
Tank ID: 139433
Tank Status: Closed - Removed
Tank Model: Not reported
Pipe Model: Not reported
Install Date: Not reported
Capacity Gallons: 1000
Tightness Test Method: NN
Next Test Date: Not reported
Date Tank Closed: 5/1/1998
Tank Location: 5
Tank Type: Steel/carbon steel
Date Test: Not reported
Register: True
Modified By: TRANSLAT
Last Modified: 3/4/2004

HIST UST:

PBS Number: 7-600747
SPDES Number: Not reported
Emergency Contact: ANTHONY ASCIOTI
Emergency Telephone: (315) 487-0302
Operator: N/A
Operator Telephone: (000) 000-0000
Owner Name: CAROL J. ASCIOTI
Owner Address: 304 HATHERLEIGH RD.
Owner City,St,Zip: SYRACUSE, NY 13209
Owner Telephone: (315) 487-0302
Owner Type: Private Resident
Owner Subtype: Not reported
Mailing Name: AAA FABRIZIO ENTERPRISES, INC.
Mailing Address: 110 BRIDGE ST.
Mailing Address 2: Not reported
Mailing City,St,Zip: SOLVAY, NY 13027
Mailing Contact: JOHN H. FLETCHER
Mailing Telephone: (315) 487-4467
Owner Mark: First Owner
Facility Status: 2 - Unregulated by PBS (the total capacity is less than 1,101 gallons)
and Subpart 360-14.
Facility Addr2: Not reported
SWIS ID: 3132
Old PBS Number: Not reported
Facility Type: OTHER
Inspected Date: Not reported
Inspector: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ESTATE OF JOHN S. FACIK (Continued)

U003749771

Inspection Result: Not reported
Federal ID: Not reported
Certification Flag: False
Certification Date: Not reported
Expiration Date: 08/08/2005
Renew Flag: False
Renewal Date: Not reported
Total Capacity: 0
FAMT: True
Facility Screen: No Missing Data
Owner Screen: No Missing Data
Tank Screen: 0
Dead Letter: False
CBS Number: Not reported
Town or City: GEDDES
County Code: 31
Town or City: 32
Region: 7

Tank Id: 001
Tank Location: UNDERGROUND
Tank Status: Tank Converted To Non-Regulated Use
Install Date: Not reported
Capacity (gals): 1000
Product Stored: NOS 1,2, OR 4 FUEL OIL
Tank Type: Steel/carbon steel
Tank Internal: None
Tank External: None
Pipe Location: Underground
Pipe Type: STEEL/IRON
Pipe Internal: None
Pipe External: None
Second Containment: None
Leak Detection: None
Overfill Prot: None
Dispenser: 0
Date Tested: Not reported
Next Test Date: Not reported
Missing Data for Tank: No Missing Data
Date Closed: 08/01/1996
Test Method: Not reported
Deleted: False
Updated: True
Lat/long: Not reported

Tank Id: 002
Tank Location: UNDERGROUND
Tank Status: Closed-Removed
Install Date: Not reported
Capacity (gals): 1000
Product Stored: UNLEADED GASOLINE
Tank Type: Steel/carbon steel
Tank Internal: None
Tank External: None
Pipe Location: Underground
Pipe Type: STEEL/IRON

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ESTATE OF JOHN S. FACIK (Continued)

U003749771

Pipe Internal: None
Pipe External: None
Second Containment: None
Leak Detection: None
Overfill Prot: None
Dispenser: 0
Date Tested: Not reported
Next Test Date: Not reported
Missing Data for Tank: No Missing Data
Date Closed: 05/01/1998
Test Method: Not reported
Deleted: False
Updated: True
Lat/long: Not reported

Tank Id: 003
Tank Location: UNDERGROUND
Tank Status: Closed-Removed
Install Date: Not reported
Capacity (gals): 1000
Product Stored: UNLEADED GASOLINE
Tank Type: Steel/carbon steel
Tank Internal: None
Tank External: None
Pipe Location: Underground
Pipe Type: STEEL/IRON
Pipe Internal: None
Pipe External: None
Second Containment: None
Leak Detection: None
Overfill Prot: None
Dispenser: 0
Date Tested: Not reported
Next Test Date: Not reported
Missing Data for Tank: No Missing Data
Date Closed: 05/01/1998
Test Method: Not reported
Deleted: False
Updated: True
Lat/long: Not reported

O72
ENE
> 1
1.308 mi.
6904 ft.

670 STATE FAIR BLVD
670 STATE FAIR BLVD
GEDDES, NY

Site 2 of 2 in cluster O

NY Spills S104504283
NY Hist Spills N/A

Relative:
Lower

NY Spills:
Site ID: 174391
Facility Addr2: Not reported
Facility ID: 9713115
Spill Number: 9713115
Facility Type: ER
SWIS: 3432
Investigator: CFMANNES
Referred To: Not reported
Spill Date: 2/24/1998

Actual:
370 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

670 STATE FAIR BLVD (Continued)

S104504283

Reported to Dept: 2/24/1998
CID: 205
Spill Cause: Unknown
Water Affected: Not reported
Spill Source: Unknown
Spill Notifier: Police Department
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: Penalty Not Recommended
UST Trust: False
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.
Willing Responsible Party. Corrective action taken.
Spill Closed Dt: 8/6/2002
Remediation Phase: 0
Date Entered In Computer: 2/24/1998
Spill Record Last Update: 8/6/2002
Spiller Name: Not reported
Spiller Company: UNKNOWN
Spiller Address: Not reported
Spiller City,St,Zip: NY
Spiller Company: 999
Contact Name: CALLER
Contact Phone: (315) 435-8881
DEC Region: 7
DER Facility ID: 146675
DEC Memo: Prior to Sept, 2004 data translation this spill Lead_DEC Field was "CM"
Remarks: substance that smells like gasoline coming into parking lot from some type of underground pipe. fire dept on scene. request dec to scene.

Material:

Site ID: Not reported
Operable Unit ID: Not reported
Operable Unit: Not reported
Material ID: Not reported
Material Code: Not reported
Material Name: Not reported
Case No.: Not reported
Material FA: Not reported
Quantity: Not reported
Units: Not reported
Recovered: Not reported
Resource Affected: Not reported
Oxygenate: Not reported

Tank Test:

Site ID: Not reported
Spill Tank Test: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate: Not reported
Gross Fail: Not reported
Modified By: Not reported
Last Modified: Not reported
Test Method: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

670 STATE FAIR BLVD (Continued)

S104504283

NY Hist Spills:

Region of Spill: 7
Spill Number: 9713115
Investigator: CM
Caller Name: Not reported
Caller Agency: Not reported
Caller Phone: Not reported
Notifier Name: Not reported
Notifier Agency: Not reported
Notifier Phone: Not reported
Spill Date/Time: 02/24/1998 13:00
Reported to Dept Date/Time: 02/24/98 13:20
SWIS: 31
Spiller Name: UNKNOWN
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Contact: CALLER
Spiller Phone: (315) 435-8881
Spiller Address: Not reported
Spiller City,St,Zip: Not reported
Spill Cause: Unknown
Reported to Dept: On Land
Water Affected: Not reported
Spill Source: 12
Spill Notifier: Police Department
PBS Number: Not reported
Cleanup Ceased: / /
Cleanup Meets Std: False
Last Inspection: / /
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Dt: / /
Enforcement Date: / /
Invstgn Complete: / /
UST Involvement: False
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.
Willing Responsible Party. Corrective action taken.
Spill Closed Dt: / /
Corrective Action Plan Submitted: / /
Date Region Sent Summary to Central Office: / /
Date Spill Entered In Computer Data File: 02/24/98
Date Spill Entered In Computer Data File: Not reported
Update Date: 02/24/98
Is Updated: False

Tank:

PBS Number: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported

Material:

Material Class Type: Not reported
Quantity Spilled: Not reported
Unkonwn Quantity Spilled: Not reported
Units: Not reported
Quantity Recovered: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

670 STATE FAIR BLVD (Continued)

S104504283

Unkonwn Quantity Recovered: Not reported
Material: Not reported
Class Type: Not reported
Times Material Entry In File: Not reported
CAS Number: Not reported
Last Date: Not reported
DEC Remarks: Not reported
Remark: substance that smells like gasoline coming into parking lot from some type of underground pipe. fire dept on scene. request dec to scene.

P73
South
> 1
1.309 mi.
6911 ft.

CAMILLUS PUMP STATION
4718 MILTON AVENUE
CAMILLUS, NY 13031
Site 1 of 2 in cluster P

CBS AST **S104074587**
N/A

Relative:
Higher

CBS AST:

Actual:
449 ft.

CBS Number: 7-000292
Region: STATE
ICS Number: Not reported
PBS Number: 7-394394
MOSF Number: Not reported
Telephone: (315) 435-6935
Facility Town: CAMILLUS
Operator: VANCE WOODS
Emrgncy Contact: METRO OPERATIONS BOARD
Emrgncy Phone: (315) 435-3142
Expiration Date: 06/04/2002
Owner Name: ONONDAGA COUNTY
Owner Address: 650 HIAWATHA BLVD. WEST
Owner City,St,Zip: SYRACUSE, NY 13204
Owner Telephone: (315) 435-2260
Owner type: Local Government
Facility Type: TRUCKING/TRANSPORTATION
Mail Name: ONONDAGA COUNTY DEPT OF DRAINAGE AND SANITATION
Mail Contact Addr: 650 HIAWATHA BLVD. WEST
Mail Contact Addr2: Not reported
Mail Contact Contact: RICHARD L. ELANDER, P.E. ACTIN
Mail Contact City,St,Zip: SYRACUSE, NY 13204-1194
Mail Phone: (315) 435-2260
SPDES Number: Not reported
Facility Status: ACTIVE FACILITY
Owner Sub Type: Not reported

Tank Id: 502
Date Entered: 06/01/1998
Capacity (Gal): 4250
Chemical: Ferrous chloride
Tank Closed: Not reported
Tank Status: In Service
Tank Type: Fiberglass coated steel
Install Date: 05/98
Certified Date: 05/19/2000
CAS Number: 7758943
Substance: Single Hazardous Substance on DEC List
Tank Location: ABOVEGROUND
Intrnl Protection: None
Extrnl Protection: None, None

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CAMILLUS PUMP STATION (Continued)

S104074587

Pipe Location: Aboveground/Underground Combination
Pipe Type: FIBERGLASS REINFORCED PLASTIC
Pipe Internal: None
Pipe External: 00
Pipe Containment: None,Fiberglass
Tank Containment: None,Other
Leak Detection: None,Painted/Asphalt Coating
Overfill Protection: High Level Alarm,Fiberglass
Haz Percent: 100
Total Tanks: 2
Tank Secret: False
Last Test: Not reported
Due Date: Not reported
Tank Error Status: No Missing Data
SWIS Code: 3120
Lat/Long: Not reported
Pipe Flag: False
Federal ID: Not reported
Is Updated: F
Renew Date: Not reported
Is it There: F
Delinquent: F
Date Expired: Not reported
Owner Mark: 1
Certificate Needs to be Printed: False
Fiscal Amt for Registration Fee Correct: True
Renewal Has Been Printed for Facility: True
Pre-Printed Renewal App Last Printed: 03/01/2000
Total Capacity of All Active Tanks(gal): 8500

Tank Id: 501
Date Entered: 06/01/1998
Capacity (Gal): 4250
Chemical: Ferrous chloride
Tank Closed: Not reported
Tank Status: In Service
Tank Type: Fiberglass coated steel
Install Date: 05/98
Certified Date: 05/19/2000
CAS Number: 7758943
Substance: Single Hazardous Substance on DEC List
Tank Location: ABOVEGROUND
Intrnl Protection: None
Extrnl Protection: None,None
Pipe Location: Aboveground/Underground Combination
Pipe Type: FIBERGLASS REINFORCED PLASTIC
Pipe Internal: None
Pipe External: 00
Pipe Containment: None,Fiberglass
Tank Containment: None,Other
Leak Detection: None,Painted/Asphalt Coating
Overfill Protection: High Level Alarm,Fiberglass
Haz Percent: 100
Total Tanks: 2
Tank Secret: False
Last Test: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

CAMILLUS PUMP STATION (Continued)

S104074587

Due Date: Not reported
 Tank Error Status: No Missing Data
 SWIS Code: 3120
 Lat/Long: Not reported
 Pipe Flag: False
 Federal ID: Not reported
 Is Updated: F
 Renew Date: Not reported
 Is it There: F
 Deliquent: F
 Date Expired: Not reported
 Owner Mark: 1
 Certificate Needs to be Printed: False
 Fiscal Amt for Registration Fee Correct: True
 Renewal Has Been Printed for Facility: True
 Pre-Printed Renewal App Last Printed: 03/01/2000
 Total Capacity of All Active Tanks(gal): 8500

P74
South
> 1
1.309 mi.
6911 ft.

CAMILLUS PUMP STATION
4718 MILTON AVE.
CAMILLUS, NY 13031

HIST UST **U003313414**
AST **N/A**
HIST AST

Site 2 of 2 in cluster P

Relative:
Higher

HIST UST:

Actual:
449 ft.

PBS Number: 7-394394
 SPDES Number: Not reported
 Emergency Contact: METRO OPERATIONS BOARD
 Emergency Telephone: (315) 435-3142
 Operator: KEN WICKERT
 Operator Telephone: (315) 435-2260
 Owner Name: ONONDAGA COUNTY DEPT. OF DRAINAGE & SANITATION
 Owner Address: 650 HIAWATHA BLVD. WEST
 Owner City,St,Zip: SYRACUSE, NY 13204
 Owner Telephone: (315) 435-2260
 Owner Type: Local Government
 Owner Subtype: Not reported
 Mailing Name: ONONDAGA COUNTY DEPT. OF DRAINAGE & SANITATION
 Mailing Address: 650 HIAWATHA BLVD. WEST
 Mailing Address 2: Not reported
 Mailing City,St,Zip: SYRACUSE, NY 13204
 Mailing Contact: RICHARD ELANDER, P.E.
 Mailing Telephone: (315) 435-2260
 Owner Mark: First Owner
 Facility Status: 1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
 Facility Addr2: Not reported
 SWIS ID: 3120
 Old PBS Number: Not reported
 Facility Type: OTHER
 Inspected Date: Not reported
 Inspector: Not reported
 Inspection Result: Not reported
 Federal ID: Not reported
 Certification Flag: False
 Certification Date: 12/13/1999
 Expiration Date: 07/20/2002

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CAMILLUS PUMP STATION (Continued)

U003313414

Renew Flag: False
Renewal Date: Not reported
Total Capacity: 2000
FAMT: True
Facility Screen: No Missing Data
Owner Screen: No Missing Data
Tank Screen: Minor Data Missing
Dead Letter: False
CBS Number: Not reported
Town or City: CAMILLUS
County Code: 31
Town or City: 20
Region: 7

Tank Id: 099
Tank Location: UNDERGROUND
Tank Status: Closed-Removed
Install Date: 19840601
Capacity (gals): 2000
Product Stored: DIESEL
Tank Type: Fiberglass reinforced plastic [FRP]
Tank Internal: None
Tank External: None
Pipe Location: Underground
Pipe Type: STEEL/IRON
Pipe Internal: None
Pipe External: None
Second Containment: None
Leak Detection: None
Overfill Prot: Product Level Gauge
Dispenser: Suction
Date Tested: 09/01/1997
Next Test Date: Not reported
Missing Data for Tank: No Missing Data
Date Closed: 11/01/1999
Test Method: Horner EZ Check
Deleted: False
Updated: True
Lat/long: Not reported

AST:

Region: STATE
DEC Region: 7
Site Status: Active
Facility Id: 7-394394
Program Type: PBS
UTM X: 396835.39833
UTM Y: 4767410.0298199998
Expiration Date: 2012/07/20

Affiliation Records:

Site Id: 45577
Affiliation Type: Mail Contact
Company Name: ONONDAGA COUNTY DEPT. OF WATER ENV. PROTECTION
Contact Type: COMMISSIONER
Contact Name: RANDY R OTT, PE
Address1: 650 HIAWATHA BLVD. WEST

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CAMILLUS PUMP STATION (Continued)

U003313414

Address2: Not reported
City: SYRACUSE
State: NY
Zip Code: 13204-1194
Country Code: 001
Phone: (315) 435-6820
Phone Ext: Not reported
Email: Not reported
Fax Number: Not reported
Modified By: KCKEMP
Date Last Modified: 12/31/2009

Site Id: 45577
Affiliation Type: Owner
Company Name: ONONDAGA COUNTY DEPT. OF WATER ENV. PROTECTION
Contact Type: COMMISSIONER
Contact Name: RANDY R OTT, PE
Address1: 650 HIAWATHA BLVD. WEST
Address2: Not reported
City: SYRACUSE
State: NY
Zip Code: 13204-1194
Country Code: 001
Phone: (315) 435-6820
Phone Ext: Not reported
Email: Not reported
Fax Number: Not reported
Modified By: KCKEMP
Date Last Modified: 12/31/2009

Site Id: 45577
Affiliation Type: On-Site Operator
Company Name: CAMILLUS PUMP STATION
Contact Type: Not reported
Contact Name: TIM DAVIS
Address1: Not reported
Address2: Not reported
City: Not reported
State: NY
Zip Code: Not reported
Country Code: 001
Phone: (315) 435-6930
Phone Ext: Not reported
Email: Not reported
Fax Number: Not reported
Modified By: KCKEMP
Date Last Modified: 3/12/2009

Site Id: 45577
Affiliation Type: Emergency Contact
Company Name: ONONDAGA COUNTY DEPT. OF WATER ENV. PROTECTION
Contact Type: Not reported
Contact Name: METRO OPERATIONS BOARD
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CAMILLUS PUMP STATION (Continued)

U003313414

Zip Code: Not reported
Country Code: 999
Phone: (315) 435-3142
Phone Ext: Not reported
Email: Not reported
Fax Number: Not reported
Modified By: KCKEMP
Date Last Modified: 3/12/2009

Equipment Records:

H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
G01 - Tank Secondary Containment - Diking (Aboveground)
G00 - Tank Secondary Containment - None
J00 - Dispenser - None
H00 - Tank Leak Detection - None
D11 - Pipe Type - Flexible Piping
A00 - Tank Internal Protection - None
J02 - Dispenser - Suction
I02 - Overfill - High Level Alarm
B00 - Tank External Protection - None
I02 - Overfill - High Level Alarm
C02 - Pipe Location - Underground/On-ground
K00 - Spill Prevention - None
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
H06 - Tank Leak Detection - Impervious Barrier/Concrete Pad (A/G)
L09 - Piping Leak Detection - Exempt Suction Piping
J00 - Dispenser - None
L00 - Piping Leak Detection - None
A00 - Tank Internal Protection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
C03 - Pipe Location - Aboveground/Underground Combination
C01 - Pipe Location - Aboveground
E04 - Piping Secondary Containment - Double-Walled (Underground)
G09 - Tank Secondary Containment - Modified Double-Walled (Aboveground)
D01 - Pipe Type - Steel/Carbon Steel/Iron
B01 - Tank External Protection - Painted/Asphalt Coating
I04 - Overfill - Product Level Gauge (A/G)
I04 - Overfill - Product Level Gauge (A/G)
F00 - Pipe External Protection - None
K01 - Spill Prevention - Catch Basin
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
B01 - Tank External Protection - Painted/Asphalt Coating
F00 - Pipe External Protection - None

Tank Info:

Tank Number: 403
Tank Id: 139247
Tank Location: 3
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Tank Model: 204
Pipe Model: Not reported
Install Date: 11/1/1999

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CAMILLUS PUMP STATION (Continued)

U003313414

Capacity Gallons: 2000
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: KCKemp
Last Modified: 7/9/2007

Tank Number: 423
Tank Id: 140231
Tank Location: 2
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Tank Model: Not reported
Pipe Model: Not reported
Install Date: 11/1/1999
Capacity Gallons: 25
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: KCKemp
Last Modified: 7/9/2007

HIST AST:

PBS Number: 7-394394
SWIS Code: 3120
Operator: KEN WICKERT
Facility Phone: (315) 435-2260
Facility Addr2: Not reported
Facility Type: OTHER
Emergency: METRO OPERATIONS BOARD
Emergency Tel: (315) 435-3142
Old PBSNO: Not reported
Date Inspected: Not reported
Inspector: Not reported
Result of Inspection: Not reported
Owner Name: ONONDAGA COUNTY DEPT. OF DRAINAGE & SANITATION
Owner Address: 650 HIAWATHA BLVD. WEST
Owner City,St,Zip: SYRACUSE, NY 13204
Federal ID: Not reported
Owner Tel: (315) 435-2260
Owner Type: Local Government
Owner Subtype: Not reported
Mailing Contact: RICHARD ELANDER, P.E.
Mailing Name: ONONDAGA COUNTY DEPT. OF DRAINAGE & SANITATION
Mailing Address: 650 HIAWATHA BLVD. WEST
Mailing Address 2: Not reported
Mailing City,St,Zip: SYRACUSE, NY 13204
Mailing Telephone: (315) 435-2260
Owner Mark: First Owner
Facility Status: 1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CAMILLUS PUMP STATION (Continued)

U003313414

Certification Flag: False
Certification Date: 12/13/1999
Expiration: 07/20/2002
Renew Flag: False
Renew Date: Not reported
Total Capacity: 2000
FAMT: True
Facility Screen: No Missing Data
Owner Screen: No Missing Data
Tank Screen: Minor Data Missing
Dead Letter: False
CBS Number: Not reported
Town or City: CAMILLUS
County Code: 31
Town or City Code: 20
Region: 7

Tank ID: 403
Tank Location: ABOVEGROUND
Tank Status: In Service
Install Date: 19991101
Capacity (Gal): 2000
Product Stored: DIESEL
Tank Type: Other
Tank Internal: 0
Tank External: 00
Pipe Location: Aboveground/Underground Combination
Pipe Type: FIBERGLASS REINFORCED PLASTIC
Pipe Internal: None
Pipe External: 09
Tank Containment: Other
Leak Detection: 02
Overfill Protection: 25
Dispenser Method: Not reported
Date Tested: Not reported
Next Test Date: Not reported
Missing Data for Tank: Minor Data Missing
Date Closed: Not reported
Test Method: Not reported
Deleted: False
Updated: True
SPDES Number: Not reported
Lat/Long: Not reported

75
SSE
> 1
1.310 mi.
6915 ft.

NYSDOT BIN 1093480
STATE RTE 173 OVER STATE RTE 5
CAMILLUS, NY 13031

RCRA-NonGen 1000552979
FINDS NYD986953859
MANIFEST

Relative:
Higher

RCRA-NonGen:
Date form received by agency: 01/01/2007
Facility name: NYSDOT BIN 1093480
Facility address: STATE RTE 173 OVER STATE RTE 5
CAMILLUS, NY 13031
EPA ID: NYD986953859
Mailing address: S WARREN ST SUITE 518
SYRACUSE, NY 13202

Actual:
483 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYSDOT BIN 1093480 (Continued)

1000552979

Contact: ROBERT TRENDELL
Contact address: S WARREN ST SUITE 518
SYRACUSE, NY 13202
Contact country: US
Contact telephone: (315) 458-1910
Contact email: Not reported
EPA Region: 02
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: NYSDOT
Owner/operator address: 333 E WASHINGTON ST
SYRACUSE, NY 13202
Owner/operator country: US
Owner/operator telephone: (315) 448-7349
Legal status: State
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: NYSDOT
Owner/operator address: 333 E WASHINGTON ST
SYRACUSE, NY 13202
Owner/operator country: US
Owner/operator telephone: (315) 428-4400
Legal status: State
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler accessibility indicator: Transferred to the program or state equivalent.

Handler Activities Summary:

U.S. importer of hazardous waste: Unknown
Mixed waste (haz. and radioactive): Unknown
Recycler of hazardous waste: No
Transporter of hazardous waste: Unknown
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: Unknown
Furnace exemption: Unknown
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Commercial status unknown

Historical Generators:

Date form received by agency: 01/01/2006
Facility name: NYSDOT BIN 1093480
Classification: Not a generator, verified

Date form received by agency: 03/12/1998

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYSDOT BIN 1093480 (Continued)

1000552979

Facility name: NYSDOT BIN 1093480
Classification: Not a generator, verified

Date form received by agency: 05/19/1992
Facility name: NYSDOT BIN 1093480
Site name: NYSDOT
Classification: Large Quantity Generator

Date form received by agency: 12/10/1991
Facility name: NYSDOT BIN 1093480
Classification: Not a generator, verified

Violation Status: No violations found

FINDS:

Registry ID: 110008051721

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

NY MANIFEST:

EPA ID: NYD986953859
Country: USA
Mailing Name: NYSDOT
Mailing Contact: KEVIN BAILEY
Mailing Address: 877 STATE FAIR BOULEVARD
Mailing Address 2: Not reported
Mailing City: SYRACUSE
Mailing State: NY
Mailing Zip: 13201
Mailing Zip4: Not reported
Mailing Country: USA
Mailing Phone: 315-488-1879

Document ID: NJA2748286
Manifest Status: Not reported
Trans1 State ID: NYD046765574
Trans2 State ID: Not reported
Generator Ship Date: 08/04/1998
Trans1 Recv Date: 08/04/1998
Trans2 Recv Date: Not reported
TSD Site Recv Date: 08/07/1998
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD986953859
Trans1 EPA ID: NJD991291105
Trans2 EPA ID: Not reported
TSD ID: S8424
Waste Code: D008 - LEAD 5.0 MG/L TCLP

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

NYSDOT BIN 1093480 (Continued)

1000552979

Quantity: 01200
 Units: P - Pounds
 Number of Containers: 003
 Container Type: DM - Metal drums, barrels
 Handling Method: L Landfill.
 Specific Gravity: 01.00
 Year: 98

Document ID: MIA2374931
 Manifest Status: Completed after the designated time period for a TSDf to get a copy to the DEC
 Trans1 State ID: Not reported
 Trans2 State ID: Not reported
 Generator Ship Date: 911127
 Trans1 Recv Date: 911127
 Trans2 Recv Date: Not reported
 TSD Site Recv Date: 911204
 Part A Recv Date: Not reported
 Part B Recv Date: 911230
 Generator EPA ID: NYD986953859
 Trans1 EPA ID: NYD046765574
 Trans2 EPA ID: Not reported
 TSDf ID: MID000724831
 Waste Code: D008 - LEAD 5.0 MG/L TCLP
 Quantity: 06300
 Units: P - Pounds
 Number of Containers: 009
 Container Type: DM - Metal drums, barrels
 Handling Method: L Landfill.
 Specific Gravity: 100
 Year: 91

Q76
West
 > 1
 1.311 mi.
 6922 ft.

BTWN BENNETT & POTTERY
WARNERS RD
CAMILLUS, NY
 Site 1 of 2 in cluster Q

NY Spills S102124622
NY Hist Spills N/A

Relative:
Higher

NY Spills:
 Site ID: 195063
 Facility Addr2: Not reported
 Facility ID: 9610405
 Spill Number: 9610405
 Facility Type: ER
 SWIS: 3400
 Investigator: CFMANNES
 Referred To: Not reported
 Spill Date: 11/19/1996
 Reported to Dept: 11/19/1996
 CID: 365
 Spill Cause: Unknown
 Water Affected: Not reported
 Spill Source: Unknown
 Spill Notifier: Affected Persons
 Cleanup Ceased: Not reported
 Cleanup Meets Std: False
 Last Inspection: Not reported
 Recommended Penalty: Penalty Not Recommended

Actual:
406 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BTWN BENNETT & POTTERY (Continued)

S102124622

UST Trust: False
Spill Class: Possible release with minimal potential for fire or hazard or Known release with no damage. No DEC Response. No corrective action required.
Spill Closed Dt: 11/19/1996
Remediation Phase: 0
Date Entered In Computer: 11/19/1996
Spill Record Last Update: 11/20/1996
Spiller Name: Not reported
Spiller Company: UNKNOWN
Spiller Address: Not reported
Spiller City,St,Zip: NY
Spiller Company: 999
Contact Name: CALLER
Contact Phone: (315) 435-5415
DEC Region: 7
DER Facility ID: 280183
DEC Memo: Prior to Sept, 2004 data translation this spill Lead_DEC Field was "CM"
Remarks: about a 1 mile stretch of oil products was left on the pavement road is being sanded down now

Material:

Site ID: 195063
Operable Unit ID: 1041944
Operable Unit: 01
Material ID: 342617
Material Code: 0015
Material Name: Motor Oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 0
Units: Gallons
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:

Site ID: Not reported
Spill Tank Test: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate: Not reported
Gross Fail: Not reported
Modified By: Not reported
Last Modified: Not reported
Test Method: Not reported

NY Hist Spills:

Region of Spill: 7
Spill Number: 9610405
Investigator: CM
Caller Name: Not reported
Caller Agency: Not reported
Caller Phone: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BTWN BENNETT & POTTERY (Continued)

S102124622

Notifier Name: Not reported
Notifier Agency: Not reported
Notifier Phone: Not reported
Spill Date/Time: 11/19/1996 15:50
Reported to Dept Date/Time: 11/19/96 16:10
SWIS: 31
Spiller Name: UNKNOWN
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Contact: CALLER
Spiller Phone: (315) 435-5415
Spiller Address: Not reported
Spiller City,St,Zip: Not reported
Spill Cause: Unknown
Reported to Dept: On Land
Water Affected: Not reported
Spill Source: 12
Spill Notifier: Affected Persons
PBS Number: Not reported
Cleanup Ceased: / /
Cleanup Meets Std: False
Last Inspection: / /
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Dt: / /
Enforcement Date: / /
Invstgn Complete: / /
UST Involvement: False
Spill Class: Possible release with minimal potential for fire or hazard or Known
release with no damage. No DEC Response. No corrective action
required.
Spill Closed Dt: 11/19/96
Corrective Action Plan Submitted: / /
Date Region Sent Summary to Central Office: / /
Date Spill Entered In Computer Data File: 11/19/96
Date Spill Entered In Computer Data File: Not reported
Update Date: 11/20/96
Is Updated: False
Tank:
PBS Number: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported
Material:
Material Class Type: Petroleum
Quantity Spilled: 0
Unkonwn Quantity Spilled: True
Units: Gallons
Quantity Recovered: 0
Unkonwn Quantity Recovered: True
Material: MOTOR OIL
Class Type: MOTOR OIL
Times Material Entry In File: 508
CAS Number: Not reported
Last Date: 19940728

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BTWN BENNETT & POTTERY (Continued)

S102124622

DEC Remarks: Not reported
Remark: about a 1 mile stretch of oil products was left on the pavement road is being sanded down now

Region of Spill: 7
Spill Number: 8911426
Investigator: MN
Caller Name: Not reported
Caller Agency: Not reported
Caller Phone: Not reported
Notifier Name: Not reported
Notifier Agency: Not reported
Notifier Phone: Not reported
Spill Date/Time: 03/14/1990 14:32
Reported to Dept Date/Time: 03/04/90 14:56
SWIS: 31
Spiller Name: OLD ERIE CANAL PARK
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Address: WARNERS/THOMPSON RD
Spiller City,St,Zip: CAMILLUS, NY
Spill Cause: Unknown
Reported to Dept: Surface Water
Water Affected: Not reported
Spill Source: 12
Spill Notifier: Fire Department
PBS Number: Not reported
Cleanup Ceased: 03/04/90
Cleanup Meets Std: True
Last Inspection: / /
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Dt: / /
Enforcement Date: / /
Invstgn Complete: / /
UST Involvement: False
Spill Class: Not reported
Spill Closed Dt: 03/04/90
Corrective Action Plan Submitted: / /
Date Region Sent Summary to Central Office: / /
Date Spill Entered In Computer Data File: 03/28/90
Date Spill Entered In Computer Data File: Not reported
Update Date: 04/09/90
Is Updated: False

Tank:
PBS Number: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported

Material:
Material Class Type: Petroleum
Quantity Spilled: 0
Unkonwn Quantity Spilled: False
Units: Not reported
Quantity Recovered: 0

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BTWN BENNETT & POTTERY (Continued)

S102124622

Unkonwn Quantity Recovered: False
Material: UNKNOWN PETROLEUM
Class Type: UNKNOWN PETROLEUM
Times Material Entry In File: 16414
CAS Number: Not reported
Last Date: 19940929
DEC Remarks: Not reported
Remark: ABANDONED TRUCK FOUND IN CANAL. FIRE DEPT CALLEDIN AND REMOVED VEH.

Q77
West
> 1
1.311 mi.
6922 ft.

OLD ERIE CANAL
WARNERS RD/THOMPSON RD
CAMILLUS, NY

NY Spills **S107407972**
N/A

Site 2 of 2 in cluster Q

Relative:
Higher

NY Spills:

Actual:
406 ft.

Site ID: 299381
Facility Addr2: Not reported
Facility ID: 8911426
Spill Number: 8911426
Facility Type: ER
SWIS: 3420
Investigator: MENASH
Referred To: Not reported
Spill Date: 3/14/1990
Reported to Dept: 3/4/1990
CID: Not reported
Spill Cause: Unknown
Water Affected: Not reported
Spill Source: Unknown
Spill Notifier: Fire Department
Cleanup Ceased: 3/4/1990
Cleanup Meets Std: True
Last Inspection: Not reported
Recommended Penalty: Penalty Not Recommended
UST Trust: False
Spill Class: Not reported
Spill Closed Dt: 3/4/1990
Remediation Phase: 0
Date Entered In Computer: 3/28/1990
Spill Record Last Update: 4/9/1990
Spiller Name: Not reported
Spiller Company: OLD ERIE CANAL PARK
Spiller Address: WARNERS/THOMPSON RD
Spiller City,St,Zip: CAMILLUS, NY
Spiller Company: 001
Contact Name: Not reported
Contact Phone: Not reported
DEC Region: 7
DER Facility ID: 242205
DEC Memo: Prior to Sept, 2004 data translation this spill Lead_DEC Field was "MN"
Remarks: ABANDONED TRUCK FOUND IN CANAL. FIRE DEPT CALLEDIN AND REMOVED VEH.

Material:

Site ID: 299381
Operable Unit ID: 937105
Operable Unit: 01

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

OLD ERIE CANAL (Continued)

S107407972

Material ID: 440951
Material Code: 0066A
Material Name: UNKNOWN PETROLEUM
Case No.: Not reported
Material FA: Petroleum
Quantity: 0
Units: Not reported
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:

Site ID: Not reported
Spill Tank Test: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate: Not reported
Gross Fail: Not reported
Modified By: Not reported
Last Modified: Not reported
Test Method: Not reported

R78
SE
> 1
1.328 mi.
7014 ft.

NMPC GERESLOCK SUBSTATION
HORAN RD - 0.6 MI N OF
GEDDES, NY 13209
Site 1 of 3 in cluster R

RCRA-NonGen **1000871511**
FINDS **NY0000060087**

Relative:
Higher

RCRA-NonGen:

Date form received by agency: 01/01/2007
Facility name: NMPC GERESLOCK SUBSTATION
Facility address: HORAN RD - 0.6 MI N OF
MILTON AVE
GEDDES, NY 13209
EPA ID: NY0000060087
Mailing address: HENRY CLAY BLVD-HAZ WASTE
LIVERPOOL, NY 13088
Contact: Not reported
Contact address: HENRY CLAY BLVD-HAZ WASTE
LIVERPOOL, NY 13088
Contact country: US
Contact telephone: Not reported
Contact email: Not reported
EPA Region: 02
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Actual:
430 ft.

Owner/Operator Summary:

Owner/operator name: NIAGARA MOHAWK POWER CORP
Owner/operator address: 300 ERIE BLVD W ENV AFF C-1
SYRACUSE, NY 13202
Owner/operator country: US
Owner/operator telephone: (315) 428-6670
Legal status: Private
Owner/Operator Type: Operator

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NMPC GERESLOCK SUBSTATION (Continued)

1000871511

Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: NIAGARA MOHAWK POWER CORP
Owner/operator address: 300 ERIE BLVD W ENV AFF C-1
SYRACUSE, NY 13202

Owner/operator country: US
Owner/operator telephone: (315) 428-6670
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler accessibility indicator: Transferred to the program or state equivalent.

Handler Activities Summary:

U.S. importer of hazardous waste: Unknown
Mixed waste (haz. and radioactive): Unknown
Recycler of hazardous waste: No
Transporter of hazardous waste: Unknown
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: Unknown
Furnace exemption: Unknown
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Commercial status unknown

Historical Generators:

Date form received by agency: 01/01/2006
Facility name: NMPC GERESLOCK SUBSTATION
Classification: Not a generator, verified

Date form received by agency: 07/08/1999
Facility name: NMPC GERESLOCK SUBSTATION
Classification: Not a generator, verified

Date form received by agency: 08/18/1993
Facility name: NMPC GERESLOCK SUBSTATION
Classification: Large Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110007982807

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NMPC GERESLOCK SUBSTATION (Continued)

1000871511

corrective action activities required under RCRA.

79
ENE
> 1
1.346 mi.
7104 ft.

**ABANDONED DRUMS
SOLVAY FAIRGROUNDS EXIT
SOLVAY, NY**

**NY Spills S102125470
NY Hist Spills N/A**

**Relative:
Lower**

NY Spills:

**Actual:
373 ft.**

Site ID: 158152
Facility Addr2: Not reported
Facility ID: 9311049
Spill Number: 9311049
Facility Type: ER
SWIS: 3400
Investigator: GREGG
Referred To: Not reported
Spill Date: 12/12/1993
Reported to Dept: 12/12/1993
CID: Not reported
Spill Cause: Abandoned Drums
Water Affected: Not reported
Spill Source: Unknown
Spill Notifier: Citizen
Cleanup Ceased: 12/13/1993
Cleanup Meets Std: True
Last Inspection: 12/13/1993
Recommended Penalty: Penalty Not Recommended
UST Trust: False
Spill Class: No spill occurred. No DEC Response. No corrective action required.
Spill Closed Dt: 12/13/1993
Remediation Phase: 0
Date Entered In Computer: Not reported
Spill Record Last Update: 12/2/2003
Spiller Name: Not reported
Spiller Company: UNK
Spiller Address: Not reported
Spiller City,St,Zip: ***UPDATE***, ZZ
Spiller Company: 999
Contact Name: Not reported
Contact Phone: Not reported
DEC Region: 7
DER Facility ID: 133700
DEC Memo: Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TG"
Remarks: INVESTIGATION REVEALED DRUMS ARE FILLED WITH PAINT CHIPS.

Material:

Site ID: 158152
Operable Unit ID: 992930
Operable Unit: 01
Material ID: 390108
Material Code: 0066A
Material Name: UNKNOWN PETROLEUM
Case No.: Not reported
Material FA: Petroleum
Quantity: 0

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ABANDONED DRUMS (Continued)

S102125470

Units: Not reported
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:

Site ID: Not reported
Spill Tank Test: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate: Not reported
Gross Fail: Not reported
Modified By: Not reported
Last Modified: Not reported
Test Method: Not reported

NY Hist Spills:

Region of Spill: 7
Spill Number: 9311049
Investigator: TG
Caller Name: Not reported
Caller Agency: Not reported
Caller Phone: Not reported
Notifier Name: Not reported
Notifier Agency: Not reported
Notifier Phone: Not reported
Spill Date/Time: 12/12/1993 15:30
Reported to Dept Date/Time: 12/12/93 23:16
SWIS: 31
Spiller Name: UNK
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Address: Not reported
Spiller City,St,Zip: Not reported
Spill Cause: Abandoned Drums
Reported to Dept: On Land
Water Affected: Not reported
Spill Source: 12
Spill Notifier: Citizen
PBS Number: Not reported
Cleanup Ceased: 12/13/93
Cleanup Meets Std: True
Last Inspection: 12/13/93
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Dt: / /
Enforcement Date: / /
Invstgn Complete: / /
UST Involvement: False
Spill Class: No spill occurred. No DEC Response. No corrective action required.
Spill Closed Dt: 12/13/93
Corrective Action Plan Submitted: / /
Date Region Sent Summary to Central Office: / /
Date Spill Entered In Computer Data File: 12/13/93
Date Spill Entered In Computer Data File: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ABANDONED DRUMS (Continued)

S102125470

Update Date: / /
Is Updated: False

Tank:
PBS Number: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported

Material:
Material Class Type: Petroleum
Quantity Spilled: 0
Unkonwn Quantity Spilled: False
Units: Not reported
Quantity Recovered: 0
Unkonwn Quantity Recovered: False
Material: UNKNOWN PETROLEUM
Class Type: UNKNOWN PETROLEUM
Times Material Entry In File: 16414
CAS Number: Not reported
Last Date: 19940929
DEC Remarks: Not reported
Remark: INVESTIGATION REVEALED DRUMS ARE FILLED WITH PAINT CHIPS.

S80
SE
> 1
1.346 mi.
7107 ft.

SOLVAY HIGHWAY GARAGE
3143 MILTON AVE
SOLVAY, NY 13209
Site 1 of 7 in cluster S

UST U004080124
N/A

Relative:
Higher

UST:
Facility Id: 7-030848
Region: STATE
DEC Region: 7
Site Status: Active
Program Type: PBS
Expiration Date: 2012/10/29
UTM X: 399770.46782999998
UTM Y: 4767896.5145899998

Actual:
445 ft.

Affiliation Records:
Site Id: 44181
Affiliation Type: Emergency Contact
Company Name: SOLVAY HIGHWAY GARAGE
Contact Type: Not reported
Contact Name: SOLVAY POLICE DEPT.
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (315) 468-2521
Phone Ext: Not reported
Email: Not reported
Fax Number: Not reported
Modified By: TRANSLAT

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOLVAY HIGHWAY GARAGE (Continued)

U004080124

Date Last Modified: 3/4/2004

Site Id: 44181
Affiliation Type: On-Site Operator
Company Name: SOLVAY HIGHWAY GARAGE
Contact Type: Not reported
Contact Name: MARK J CAZZOLLI
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (315) 468-1606
Phone Ext: Not reported
Email: Not reported
Fax Number: Not reported
Modified By: KCKEMP
Date Last Modified: 7/3/2009

Site Id: 44181
Affiliation Type: Owner
Company Name: SOLVAY HIGHWAY GARAGE
Contact Type: HIGHWAY SUPERINTENDENT
Contact Name: MARK J CAZZOLLI
Address1: 3143 MILTON AVE.
Address2: Not reported
City: SOLVAY
State: NY
Zip Code: 13209
Country Code: 001
Phone: (315) 468-1606
Phone Ext: Not reported
Email: Not reported
Fax Number: Not reported
Modified By: KCKEMP
Date Last Modified: 7/3/2009

Site Id: 44181
Affiliation Type: Mail Contact
Company Name: SOLVAY HIGHWAY GARAGE
Contact Type: Not reported
Contact Name: HIGHWAY SUPERINTENDANT
Address1: 3143 MILTON AVE.
Address2: Not reported
City: SOLVAY
State: NY
Zip Code: 13209
Country Code: 001
Phone: (315) 468-1606
Phone Ext: Not reported
Email: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOLVAY HIGHWAY GARAGE (Continued)

U004080124

Equipment Records:

- A00 - Tank Internal Protection - None
- D02 - Pipe Type - Galvanized Steel
- B00 - Tank External Protection - None
- D02 - Pipe Type - Galvanized Steel
- C03 - Pipe Location - Aboveground/Underground Combination
- C03 - Pipe Location - Aboveground/Underground Combination
- H00 - Tank Leak Detection - None
- H00 - Tank Leak Detection - None
- G04 - Tank Secondary Containment - Double-Walled (Underground)
- D02 - Pipe Type - Galvanized Steel
- I00 - Overfill - None
- A00 - Tank Internal Protection - None
- J00 - Dispenser - None
- A00 - Tank Internal Protection - None
- J00 - Dispenser - None
- H00 - Tank Leak Detection - None
- D02 - Pipe Type - Galvanized Steel
- J02 - Dispenser - Suction
- G00 - Tank Secondary Containment - None
- I00 - Overfill - None
- B00 - Tank External Protection - None
- J02 - Dispenser - Suction
- G00 - Tank Secondary Containment - None
- B00 - Tank External Protection - None
- H00 - Tank Leak Detection - None
- G04 - Tank Secondary Containment - Double-Walled (Underground)
- A00 - Tank Internal Protection - None
- B00 - Tank External Protection - None
- F00 - Pipe External Protection - None
- K01 - Spill Prevention - Catch Basin
- F00 - Pipe External Protection - None
- C00 - Pipe Location - No Piping
- F00 - Pipe External Protection - None
- C00 - Pipe Location - No Piping
- I04 - Overfill - Product Level Gauge (A/G)
- F00 - Pipe External Protection - None
- I04 - Overfill - Product Level Gauge (A/G)
- K01 - Spill Prevention - Catch Basin

Tank Info:

Site ID: 44181

Tank Number: 001
Tank ID: 131999
Tank Status: Closed - Removed
Tank Model: Not reported
Pipe Model: Not reported
Install Date: 4/1/1978
Capacity Gallons: 4000
Tightness Test Method: 01
Next Test Date: Not reported
Date Tank Closed: 6/1/1994
Tank Location: 5
Tank Type: Steel/carbon steel
Date Test: 2/1/1988
Register: True

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

SOLVAY HIGHWAY GARAGE (Continued)

U004080124

Modified By: TRANSLAT
 Last Modified: 3/4/2004

Site ID: 44181

Tank Number: 002
 Tank ID: 132000
 Tank Status: Closed - Removed
 Tank Model: Not reported
 Pipe Model: Not reported
 Install Date: 4/1/1978
 Capacity Gallons: 2000
 Tightness Test Method: 01
 Next Test Date: Not reported
 Date Tank Closed: 12/1/1993
 Tank Location: 5
 Tank Type: Steel/carbon steel
 Date Test: 2/1/1988
 Register: True
 Modified By: TRANSLAT
 Last Modified: 3/4/2004

S81
SE
> 1
1.346 mi.
7107 ft.

SOLVAY HIGHWAY GARAGE
3143 MILTON AVE
SOLVAY, NY
Site 2 of 7 in cluster S

LTANKS **U003078099**
HIST LTANKS **N/A**
HIST UST
AST
HIST AST
NY Spills

Relative:
Higher

LTANKS:
 Site ID: 284446
 Spill No: 9310914
 Spill Date: 12/8/1993
 Spill Cause: Tank Test Failure
 Spill Source: Institutional, Educational, Gov., Other
 Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.

Spill Closed Dt: 11/10/1994
 Facility Addr2: Not reported
 Cleanup Ceased: 11/10/1994
 Cleanup Meets Standard: False
 SWIS: 3400
 Investigator: CFMANNES
 Referred To: Not reported
 Reported to Dept: 12/8/1993
 CID: Not reported
 Water Affected: Not reported
 Spill Notifier: Tank Tester
 Last Inspection: 12/9/1993
 Recommended Penalty: Penalty Not Recommended
 UST Involvement: True
 Remediation Phase: 0
 Date Entered In Computer: 12/10/1993
 Spill Record Last Update: 12/12/1994
 Spiller Name: Not reported
 Spiller Company: (V) OF SOLVAY HIGHWAY
 Spiller Address: 3143 MILTON AVE
 Spiller City,St,Zip: SOLVAY, ZZ

Actual:
445 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOLVAY HIGHWAY GARAGE (Continued)

U003078099

Spiller County: 001
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
DEC Region: 7
DER Facility ID: 230658
DEC Memo: Prior to Sept, 2004 data translation this spill Lead_DEC Field was "CM" 12/09/93: MET W/ MARK MALLARO HIGH SUPER. DRAINING TANK WILL CONTACT PBS. AND REMOVE. 02/14/94: DIESEL TNK REMOVED. ENCLAPSALTED IN CONCRETE. SHEEEN ON GRDH2O. MAY PULL GASOLINE TNK, AWAIT SOLVAYS DECISION TO PULL OR CONTINUE USE. 09/28/95: This is additional information about material spilled from the translation of the old spill file: TANK FAILURE.
Remarks: TANK TEST FAILURE -0.47 GPH, 2K TANK.

Material:

Site ID: 284446
Operable Unit ID: 992787
Operable Unit: 01
Material ID: 389978
Material Code: 0008
Material Name: Diesel
Case No.: Not reported
Material FA: Petroleum
Quantity: 0
Units: Not reported
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:

Site ID: Not reported
Spill Tank Test: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate: Not reported
Gross Fail: Not reported
Modified By: Not reported
Last Modified: Not reported
Test Method: Not reported

HIST LTANKS:

Region of Spill: 7
Spill Number: 9310914
Spill Date: 12/08/1993
Spill Time: 12:40
Spill Cause: Tank Test Failure
Resource Affectd: On Land
Water Affected: Not reported
Spill Source: Other Non Commercial/Industrial
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt: 11/10/94
Cleanup Ceased: 11/10/94

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOLVAY HIGHWAY GARAGE (Continued)

U003078099

Cleanup Meets Standard: False
Investigator: CM
Caller Name: Not reported
Caller Agency: Not reported
Caller Phone: Not reported
Caller Extension: Not reported
Notifier Name: Not reported
Notifier Agency: Not reported
Notifier Phone: Not reported
Notifier Extension: Not reported
Reported to Department Date: 12/08/93
Reported to Department Time: 13:08
SWIS: 31
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extension: Not reported
Spiller Name: (V) OF SOLVAY HIGHWAY
Spiller Address: 3143 MILTON AVE
Spiller City,St,Zip: SOLVAY
Spiller Cleanup Date: / /
Facility Contact: Not reported
Facility Phone: (315) 468-1606
Facility Extension: Not reported
Spill Notifier: Tank Tester
PBS Number: Not reported
Last Inspection: 12/09/93
Recommended Penalty: Penalty Not Recommended
Enforcement Date: / /
Investigation Complete: / /
UST Involvement: True
Date Region Sent Summary to Central Office: / /
Corrective Action Plan Submitted: / /
Date Spill Entered In Computer Data File: 12/10/93
Time Spill Entered In Computer Data File: Not reported
Spill Record Last Update: 12/12/94
Is Updated: False

Tank:

PBS Number: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported

Material:

Material Class Type: Petroleum
Quantity Spilled: 0
Unkonwn Quantity Spilled: False
Units: Not reported
Quantity Recovered: 0
Unkonwn Quantity Recovered: False
Material: DIESEL
Class Type: DIESEL
Times Material Entry In File: 10625
CAS Number: Not reported
Last Date: 19940728

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOLVAY HIGHWAY GARAGE (Continued)

U003078099

DEC Remarks: 12/09/93: MET W/ MARK MALLARO HIGH SUPER. DRAINING TANK WILL CONTACT PBS. AND REMOVE. 02/14/94: DIESEL TNK REMOVED. ENCLAPSALTED IN CONCRETE. SHEEEN ON GRDH20. MAY PULL GASOLINE TNK, AWAIT SOLVAYS DECISION TO PULL OR CONTINUE USE. 09/28/95: This is additional information about material spilled from the translation of the old spill file: TANK FAILURE.

Spill Cause: TANK TEST FAILURE -0.47 GPH, 2K TANK.

HIST UST:

PBS Number: 7-030848
SPDES Number: Not reported
Emergency Contact: SOLVAY POLICE DEPT.
Emergency Telephone: (315) 468-2521
Operator: DAVID T. PETTITT
Operator Telephone: (315) 468-1606
Owner Name: SOLVAY HIGHWAY GARAGE
Owner Address: 3143 MILTON AVE.
Owner City,St,Zip: SOLVAY, NY 13209
Owner Telephone: (315) 468-1606
Owner Type: Local Government
Owner Subtype: Not reported
Mailing Name: SOLVAY HIGHWAY GARAGE
Mailing Address: 3143 MILTON AVE.
Mailing Address 2: Not reported
Mailing City,St,Zip: SOLVAY, NY 13209
Mailing Contact: HIGHWAY SUPERINTENDANT
Mailing Telephone: (315) 468-1606
Owner Mark: First Owner
Facility Status: 1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.

Facility Addr2: Not reported
SWIS ID: 3132
Old PBS Number: Not reported
Facility Type: OTHER
Inspected Date: Not reported
Inspector: Not reported
Inspection Result: Not reported
Federal ID: Not reported
Certification Flag: False
Certification Date: 12/18/1997
Expiration Date: 10/29/2002
Renew Flag: False
Renewal Date: Not reported
Total Capacity: 2000
FAMT: True
Facility Screen: No Missing Data
Owner Screen: No Missing Data
Tank Screen: Minor Data Missing
Dead Letter: False
CBS Number: Not reported
Town or City: GEDDES
County Code: 31
Town or City: 32
Region: 7

Tank Id: 001
Tank Location: UNDERGROUND

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOLVAY HIGHWAY GARAGE (Continued)

U003078099

Tank Status: Closed-Removed
Install Date: 19780401
Capacity (gals): 4000
Product Stored: UNLEADED GASOLINE
Tank Type: Steel/carbon steel
Tank Internal: Not reported
Tank External: Not reported
Pipe Location: Not reported
Pipe Type: GALVANIZED STEEL
Pipe Internal: Not reported
Pipe External: Not reported
Second Containment: None
Leak Detection: None
Overfill Prot: Not reported
Dispenser: Suction
Date Tested: 02/01/1988
Next Test Date: Not reported
Missing Data for Tank: Minor Data Missing
Date Closed: 06/01/1994
Test Method: Petro-Tite
Deleted: False
Updated: True
Lat/long: Not reported

Tank Id: 002
Tank Location: UNDERGROUND
Tank Status: Closed-Removed
Install Date: 19780401
Capacity (gals): 2000
Product Stored: DIESEL
Tank Type: Steel/carbon steel
Tank Internal: Not reported
Tank External: Not reported
Pipe Location: Not reported
Pipe Type: GALVANIZED STEEL
Pipe Internal: Not reported
Pipe External: Not reported
Second Containment: None
Leak Detection: None
Overfill Prot: Not reported
Dispenser: Suction
Date Tested: 02/01/1988
Next Test Date: Not reported
Missing Data for Tank: Minor Data Missing
Date Closed: 12/01/1993
Test Method: Petro-Tite
Deleted: False
Updated: True
Lat/long: Not reported

AST:

Region: STATE
DEC Region: 7
Site Status: Active
Facility Id: 7-030848
Program Type: PBS

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOLVAY HIGHWAY GARAGE (Continued)

U003078099

UTM X: 399770.46782999998
UTM Y: 4767896.5145899998
Expiration Date: 2012/10/29

Affiliation Records:

Site Id: 44181
Affiliation Type: Emergency Contact
Company Name: SOLVAY HIGHWAY GARAGE
Contact Type: Not reported
Contact Name: SOLVAY POLICE DEPT.
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (315) 468-2521
Phone Ext: Not reported
Email: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Site Id: 44181
Affiliation Type: On-Site Operator
Company Name: SOLVAY HIGHWAY GARAGE
Contact Type: Not reported
Contact Name: MARK J CAZZOLLI
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (315) 468-1606
Phone Ext: Not reported
Email: Not reported
Fax Number: Not reported
Modified By: KCKEMP
Date Last Modified: 7/3/2009

Site Id: 44181
Affiliation Type: Owner
Company Name: SOLVAY HIGHWAY GARAGE
Contact Type: HIGHWAY SUPERINTENDENT
Contact Name: MARK J CAZZOLLI
Address1: 3143 MILTON AVE.
Address2: Not reported
City: SOLVAY
State: NY
Zip Code: 13209
Country Code: 001
Phone: (315) 468-1606
Phone Ext: Not reported
Email: Not reported
Fax Number: Not reported
Modified By: KCKEMP
Date Last Modified: 7/3/2009

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOLVAY HIGHWAY GARAGE (Continued)

U003078099

Site Id: 44181
Affiliation Type: Mail Contact
Company Name: SOLVAY HIGHWAY GARAGE
Contact Type: Not reported
Contact Name: HIGHWAY SUPERINTENDANT
Address1: 3143 MILTON AVE.
Address2: Not reported
City: SOLVAY
State: NY
Zip Code: 13209
Country Code: 001
Phone: (315) 468-1606
Phone Ext: Not reported
Email: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Equipment Records:

A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
B00 - Tank External Protection - None
D02 - Pipe Type - Galvanized Steel
C03 - Pipe Location - Aboveground/Underground Combination
C03 - Pipe Location - Aboveground/Underground Combination
H00 - Tank Leak Detection - None
H00 - Tank Leak Detection - None
G04 - Tank Secondary Containment - Double-Walled (Underground)
D02 - Pipe Type - Galvanized Steel
I00 - Overfill - None
A00 - Tank Internal Protection - None
J00 - Dispenser - None
A00 - Tank Internal Protection - None
J00 - Dispenser - None
H00 - Tank Leak Detection - None
D02 - Pipe Type - Galvanized Steel
J02 - Dispenser - Suction
G00 - Tank Secondary Containment - None
I00 - Overfill - None
B00 - Tank External Protection - None
J02 - Dispenser - Suction
G00 - Tank Secondary Containment - None
B00 - Tank External Protection - None
H00 - Tank Leak Detection - None
G04 - Tank Secondary Containment - Double-Walled (Underground)
A00 - Tank Internal Protection - None
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
K01 - Spill Prevention - Catch Basin
F00 - Pipe External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
C00 - Pipe Location - No Piping
I04 - Overfill - Product Level Gauge (A/G)
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
K01 - Spill Prevention - Catch Basin

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOLVAY HIGHWAY GARAGE (Continued)

U003078099

Tank Info:

Tank Number: 3
Tank Id: 136584
Tank Location: 3
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Tank Model: Not reported
Pipe Model: Not reported
Install Date: 6/1/1994
Capacity Gallons: 2000
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: TRANSLAT
Last Modified: 3/4/2004

Tank Number: 4
Tank Id: 140206
Tank Location: 3
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Tank Model: Not reported
Pipe Model: Not reported
Install Date: 7/1/1999
Capacity Gallons: 2000
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: TRANSLAT
Last Modified: 3/4/2004

HIST AST:

PBS Number: 7-030848
SWIS Code: 3132
Operator: DAVID T. PETTITT
Facility Phone: (315) 468-1606
Facility Addr2: Not reported
Facility Type: OTHER
Emergency: SOLVAY POLICE DEPT.
Emergency Tel: (315) 468-2521
Old PBSNO: Not reported
Date Inspected: Not reported
Inspector: Not reported
Result of Inspection: Not reported
Owner Name: SOLVAY HIGHWAY GARAGE
Owner Address: 3143 MILTON AVE.
Owner City,St,Zip: SOLVAY, NY 13209
Federal ID: Not reported
Owner Tel: (315) 468-1606
Owner Type: Local Government

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOLVAY HIGHWAY GARAGE (Continued)

U003078099

Owner Subtype: Not reported
Mailing Contact: HIGHWAY SUPERINTENDANT
Mailing Name: SOLVAY HIGHWAY GARAGE
Mailing Address: 3143 MILTON AVE.
Mailing Address 2: Not reported
Mailing City,St,Zip: SOLVAY, NY 13209
Mailing Telephone: (315) 468-1606
Owner Mark: First Owner
Facility Status: 1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.

Certification Flag: False
Certification Date: 12/18/1997
Expiration: 10/29/2002
Renew Flag: False
Renew Date: Not reported
Total Capacity: 2000
FAMT: True
Facility Screen: No Missing Data
Owner Screen: No Missing Data
Tank Screen: Minor Data Missing
Dead Letter: False
CBS Number: Not reported
Town or City: GEDDES
County Code: 31
Town or City Code: 32
Region: 7

Tank ID: 3
Tank Location: ABOVEGROUND ON SADDLES LEGS, STILTS, RACK, OR CRADLE
Tank Status: In Service
Install Date: 19940601
Capacity (Gal): 2000
Product Stored: UNLEADED GASOLINE
Tank Type: Steel/carbon steel
Tank Internal: 0
Tank External: 00
Pipe Location: Aboveground/Underground Combination
Pipe Type: GALVANIZED STEEL
Pipe Internal: None
Pipe External: 00
Tank Containment: Vault (w/access)
Leak Detection: 00
Overfill Protection: 54
Dispenser Method: Not reported
Date Tested: Not reported
Next Test Date: Not reported
Missing Data for Tank: Minor Data Missing
Date Closed: Not reported
Test Method: Not reported
Deleted: False
Updated: True
SPDES Number: Not reported
Lat/Long: Not reported

NY Spills:
Site ID: 439475

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOLVAY HIGHWAY GARAGE (Continued)

U003078099

Facility Addr2: Not reported
Facility ID: 1006133
Spill Number: 1006133
Facility Type: ER
SWIS: 3432
Investigator: RJBRAZEL
Referred To: Not reported
Spill Date: 9/2/2010
Reported to Dept: 9/2/2010
CID: Not reported
Spill Cause: Other
Water Affected: Not reported
Spill Source: Commercial/Industrial
Spill Notifier: Other
Cleanup Ceased: 9/13/2010
Cleanup Meets Std: False
Last Inspection: 9/2/2010
Recommended Penalty: Penalty Not Recommended
UST Trust: False
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt: 9/13/2010
Remediation Phase: 0
Date Entered In Computer: 9/3/2010
Spill Record Last Update: 9/13/2010
Spiller Name: Not reported
Spiller Company: solvay Highway garage
Spiller Address: 3143 Milton Ave
Spiller City,St,Zip: Solvay, NY
Spiller Company: 999
Contact Name: Not reported
Contact Phone: Not reported
DEC Region: 7
DER Facility ID: 299997
DEC Memo: Fabrizio discovered an abandoned tank while working on the Highway garage. Conklin was hired to remove product in the tan. Fabrizio contacted DEC on 9/02/10 immediately after removing tank. Somd product was on the ater in the excavation(very high water table). Brazell directed Fabrizio to continue to place oil absorbing pads and to make arrangements to vac off the free product. Overburden was set aside for disposal, the remainder of the excavation is primarily pea gravel and Brqaxell waived sampling requirements
Remarks: Fabrizio is doing earthwork at new highway garage, an abadoned tank was discovered
Material:
Site ID: 439475
Operable Unit ID: 1190115
Operable Unit: 01
Material ID: 2185084
Material Code: 0009
Material Name: Gasoline
Case No.: Not reported
Material FA: Petroleum
Quantity: Not reported
Units: Not reported
Recovered: Not reported
Resource Affected: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOLVAY HIGHWAY GARAGE (Continued)

U003078099

Oxygenate: False

Tank Test:

Site ID: Not reported
Spill Tank Test: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate: Not reported
Gross Fail: Not reported
Modified By: Not reported
Last Modified: Not reported
Test Method: Not reported

Site ID: 284445
Facility Addr2: Not reported
Facility ID: 0301346
Spill Number: 0301346
Facility Type: ER
SWIS: 3432
Investigator: CFMANNES
Referred To: Not reported
Spill Date: 5/7/2003
Reported to Dept: 5/7/2003
CID: 257
Spill Cause: Human Error
Water Affected: Not reported
Spill Source: Commercial/Industrial
Spill Notifier: Responsible Party
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: Penalty Not Recommended
UST Trust: False
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.

Spill Closed Dt: 9/16/2005
Remediation Phase: 0
Date Entered In Computer: 5/7/2003
Spill Record Last Update: 9/16/2005
Spiller Name: DAVID PETTITT
Spiller Company: VILLAGE SOLVAY HIGHWAY
Spiller Address: 3143 MILTON AVE
Spiller City,St,Zip: SOLVAY, NY
Spiller Company: 001
Contact Name: DAVID PETTITT
Contact Phone: (315) 468-1606
DEC Region: 7
DER Facility ID: 299997
DEC Memo: Prior to Sept, 2004 data translation this spill Lead_DEC Field was "CM"

Remarks: someone poked a hole in a storage barrel in back of highway garage speedy dry put down

Material:

Site ID: 284445

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOLVAY HIGHWAY GARAGE (Continued)

U003078099

Operable Unit ID: 869367
Operable Unit: 01
Material ID: 505840
Material Code: 0015
Material Name: Motor Oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 50
Units: Gallons
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:

Site ID: Not reported
Spill Tank Test: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate: Not reported
Gross Fail: Not reported
Modified By: Not reported
Last Modified: Not reported
Test Method: Not reported

[Click this hyperlink](#) while viewing on your computer to access additional NY_SPILL: detail in the EDR Site Report.

S82
SE
> 1
1.348 mi.
7117 ft.

ALLIED INDUSTRIAL LAUNDRY
3117 MILTON AVE
SOLVAY, NY 13209
Site 3 of 7 in cluster S

UST **U003313589**
HIST UST **N/A**
NY Spills
CBS

Relative:
Higher

UST:

Actual:
443 ft.

Facility Id: 7-024902
Region: STATE
DEC Region: 7
Site Status: Unregulated
Program Type: PBS
Expiration Date: N/A
UTM X: 399876.92203999998
UTM Y: 4767996.3654399998

Affiliation Records:

Site Id: 44162
Affiliation Type: Emergency Contact
Company Name: JAMES CHRISTOPHER JR
Contact Type: Not reported
Contact Name: JAMES CHRISTOPHER III
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (315) 488-9071

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ALLIED INDUSTRIAL LAUNDRY (Continued)

U003313589

Phone Ext: Not reported
Email: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Site Id: 44162
Affiliation Type: Owner
Company Name: JAMES CHRISTOPHER JR
Contact Type: Not reported
Contact Name: Not reported
Address1: 317 WYNTROP RD
Address2: Not reported
City: SYRACUSE
State: NY
Zip Code: 13209
Country Code: 001
Phone: (315) 468-5452
Phone Ext: Not reported
Email: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Site Id: 44162
Affiliation Type: On-Site Operator
Company Name: ALLIED INDUSTRIAL LAUNDRY
Contact Type: Not reported
Contact Name: JAMES CHRISTOPHER III
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (315) 488-5477
Phone Ext: Not reported
Email: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Site Id: 44162
Affiliation Type: Mail Contact
Company Name: JAMES CHRISTOPHER JR
Contact Type: Not reported
Contact Name: Not reported
Address1: 317 WYNTROP RD
Address2: Not reported
City: SYRACUSE
State: NY
Zip Code: 13209
Country Code: 001
Phone: (315) 468-5452
Phone Ext: Not reported
Email: Not reported
Fax Number: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ALLIED INDUSTRIAL LAUNDRY (Continued)

U003313589

Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Equipment Records:

G00 - Tank Secondary Containment - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
A00 - Tank Internal Protection - None
J02 - Dispenser - Suction
H00 - Tank Leak Detection - None
I04 - Overfill - Product Level Gauge (A/G)
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None

Tank Info:

Site ID: 44162

Tank Number: 001
Tank ID: 134005
Tank Status: Closed Prior to Micro Conversion, 03/91
Tank Model: Not reported
Pipe Model: Not reported
Install Date: Not reported
Capacity Gallons: 12000
Tightness Test Method: NN
Next Test Date: Not reported
Date Tank Closed: Not reported
Tank Location: 5
Tank Type: Steel/carbon steel
Date Test: Not reported
Register: True
Modified By: TRANSLAT
Last Modified: 3/4/2004

HIST UST:

PBS Number: 7-024902
SPDES Number: Not reported
Emergency Contact: JAMES CHRISTOPHER III
Emergency Telephone: (315) 488-9071
Operator: JAMES CHRISTOPHER III
Operator Telephone: (315) 488-5477
Owner Name: JAMES CHRISTOPHER JR
Owner Address: 317 WYNTROP RD
Owner City,St,Zip: SYRACUSE, NY 13209
Owner Telephone: (315) 468-5452
Owner Type: Not reported
Owner Subtype: Not reported
Mailing Name: JAMES CHRISTOPHER JR
Mailing Address: 317 WYNTROP RD
Mailing Address 2: Not reported
Mailing City,St,Zip: SYRACUSE, NY 13209
Mailing Contact: Not reported
Mailing Telephone: (315) 468-5452
Owner Mark: First Owner
Facility Status: 2 - Unregulated by PBS (the total capacity is less than 1,101 gallons) and Subpart 360-14.
Facility Addr2: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ALLIED INDUSTRIAL LAUNDRY (Continued)

U00313589

SWIS ID: 3148
Old PBS Number: Not reported
Facility Type: Not reported
Inspected Date: Not reported
Inspector: Not reported
Inspection Result: Not reported
Federal ID: Not reported
Certification Flag: False
Certification Date: 10/29/1987
Expiration Date: 10/29/1992
Renew Flag: False
Renewal Date: Not reported
Total Capacity: 0
FAMT: True
Facility Screen: Minor Data Missing
Owner Screen: Minor Data Missing
Tank Screen: Minor Data Missing
Dead Letter: False
CBS Number: Not reported
Town or City: SALINA
County Code: 31
Town or City: 48
Region: 7

Tank Id: 001
Tank Location: UNDERGROUND
Tank Status: Closed Before April 1, 1991
Install Date: Not reported
Capacity (gals): 12000
Product Stored: NOS 1,2, OR 4 FUEL OIL
Tank Type: Steel/carbon steel
Tank Internal: Not reported
Tank External: Not reported
Pipe Location: Not reported
Pipe Type: STEEL/IRON
Pipe Internal: Not reported
Pipe External: Not reported
Second Containment: None
Leak Detection: None
Overfill Prot: Product Level Gauge
Dispenser: Suction
Date Tested: Not reported
Next Test Date: Not reported
Missing Data for Tank: Minor Data Missing
Date Closed: Not reported
Test Method: Not reported
Deleted: False
Updated: False
Lat/long: Not reported

NY Spills:
Site ID: 402712
Facility Addr2: Not reported
Facility ID: 0805587
Spill Number: 0805587
Facility Type: ER
SWIS: 3432

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ALLIED INDUSTRIAL LAUNDRY (Continued)

U003313589

Investigator: KCKEMP
Referred To: Not reported
Spill Date: 8/14/2008
Reported to Dept: 8/14/2008
CID: 408
Spill Cause: Human Error
Water Affected: Not reported
Spill Source: Commercial/Industrial
Spill Notifier: Responsible Party
Cleanup Ceased: 8/15/2008
Cleanup Meets Std: True
Last Inspection: Not reported
Recommended Penalty: Penalty Not Recommended
UST Trust: False
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt: 1/8/2009
Remediation Phase: 0
Date Entered In Computer: 8/14/2008
Spill Record Last Update: 1/8/2009
Spiller Name: TOM MORTIZ
Spiller Company: ARAMARK SERVICES
Spiller Address: 3117 MILTON AVE
Spiller City,St,Zip: SOLVAY, NY
Spiller Company: 001
Contact Name: TOM MORTIZ
Contact Phone: (973) 770-6914
DEC Region: 7
DER Facility ID: 351923
DEC Memo: Ruan driver delivered 300 gallons of Dairy Glide (food grade lubricant) to CBS regulated caustic detergent tank. No reaction, no spill, other than contaminated products. HMHTTC responded.
Remarks: THIS IS A MIXING OF TWO CHEMICALS IN ONE TANK NOT A SPILL; MIXING OF TWO DIFFERENT LAUNDRY DETERGENTS - NO REACTION BOTH CAUSTIC; DRIVER HOOKED UP TO WRONG TANK;
Material:
Site ID: 402712
Operable Unit ID: 1159465
Operable Unit: 01
Material ID: 2150577
Material Code: 0064A
Material Name: UNKNOWN MATERIAL
Case No.: Not reported
Material FA: Other
Quantity: 0
Units: Gallons
Recovered: No
Resource Affected: Not reported
Oxygenate: False
Tank Test:
Site ID: Not reported
Spill Tank Test: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ALLIED INDUSTRIAL LAUNDRY (Continued)

U003313589

Leak Rate: Not reported
Gross Fail: Not reported
Modified By: Not reported
Last Modified: Not reported
Test Method: Not reported

Site ID: 402712
Facility Addr2: Not reported
Facility ID: 0805587
Spill Number: 0805587
Facility Type: ER
SWIS: 3432
Investigator: KCKEMP
Referred To: Not reported
Spill Date: 8/14/2008
Reported to Dept: 8/14/2008
CID: 408
Spill Cause: Human Error
Water Affected: Not reported
Spill Source: Commercial/Industrial
Spill Notifier: Responsible Party
Cleanup Ceased: 8/15/2008
Cleanup Meets Std: True
Last Inspection: Not reported
Recommended Penalty: Penalty Not Recommended
UST Trust: False
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt: 1/8/2009
Remediation Phase: 0
Date Entered In Computer: 8/14/2008
Spill Record Last Update: 1/8/2009
Spiller Name: ERIC MEIDENBAUER
Spiller Company: RUAN TRANSPORT
Spiller Address: 3200 RUAN CTR, 666 GRAND AVE
Spiller City,St,Zip: DE MOINES, IA 999
Spiller Company: TOM MORTIZ
Contact Name: (973) 770-6914
Contact Phone: 7
DEC Region: 351923
DER Facility ID:
DEC Memo: Ruan driver delivered 300 gallons of Dairy Glide (food grade lubricant) to CBS regulated caustic detergent tank. No reaction, no spill, other than contaminated products. HMHTTC responded.

Remarks: THIS IS A MIXING OF TWO CHEMICALS IN ONE TANK NOT A SPILL; MIXING OF TWO DIFFERENT LAUNDRY DETERGENTS - NO REACTION BOTH CAUSTIC; DRIVER HOOKED UP TO WRONG TANK;

Material:
Site ID: 402712
Operable Unit ID: 1159465
Operable Unit: 01
Material ID: 2150577
Material Code: 0064A
Material Name: UNKNOWN MATERIAL
Case No.: Not reported
Material FA: Other

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ALLIED INDUSTRIAL LAUNDRY (Continued)

U003313589

Quantity: 0
Units: Gallons
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:

Site ID: Not reported
Spill Tank Test: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate: Not reported
Gross Fail: Not reported
Modified By: Not reported
Last Modified: Not reported
Test Method: Not reported

[Click this hyperlink](#) while viewing on your computer to access additional NY_SPILL: detail in the EDR Site Report.

CBS:

CBS Number: 7-000366
Program Type: CBS
Dec Region: 7
Expiration Date: 2011/04/08
Facility Status: Active
UTMX: 399839.05355999
UTMY: 4767959.2792199

S83
SE
> 1
1.349 mi.
7121 ft.

CAMILLUS HIGHWAY DEPARTMENT
3097 MILTON AVE.
CAMILLUS, NY 13031

HIST UST **U003314007**
N/A

Site 4 of 7 in cluster S

Relative:
Higher

HIST UST:

PBS Number: 7-600602
SPDES Number: Not reported
Emergency Contact: TONY DIBELLO
Emergency Telephone: (315) 672-5556
Operator: TONY DIBELLO
Operator Telephone: (315) 672-5556
Owner Name: TOWN OF CAMILLUS
Owner Address: 4600 W. GENESEE ST.
Owner City,St,Zip: SYRACUSE, NY 13219
Owner Telephone: (315) 488-1234
Owner Type: Local Government
Owner Subtype: Not reported
Mailing Name: CAMILLUS HIGHWAY DEPARTMENT
Mailing Address: 3097 MILTON AVE.
Mailing Address 2: Not reported
Mailing City,St,Zip: CAMILLUS, NY 13031
Mailing Contact: TONY DIBELLO-HWY. SUPT.
Mailing Telephone: (315) 672-5556
Owner Mark: First Owner

Actual:
434 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CAMILLUS HIGHWAY DEPARTMENT (Continued)

U003314007

Facility Status: 1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.

Facility Addr2: Not reported
SWIS ID: 3120
Old PBS Number: Not reported
Facility Type: OTHER
Inspected Date: Not reported
Inspector: Not reported
Inspection Result: Not reported
Federal ID: Not reported
Certification Flag: False
Certification Date: 03/05/1999
Expiration Date: 06/02/2003
Renew Flag: False
Renewal Date: Not reported
Total Capacity: 12500
FAMT: True
Facility Screen: No Missing Data
Owner Screen: No Missing Data
Tank Screen: No Missing Data
Dead Letter: False
CBS Number: Not reported
Town or City: CAMILLUS
County Code: 31
Town or City: 20
Region: 7

Tank Id: 003
Tank Location: UNDERGROUND
Tank Status: In Service
Install Date: 19881201
Capacity (gals): 6000
Product Stored: DIESEL
Tank Type: Steel/carbon steel
Tank Internal: None
Tank External: 12
Pipe Location: Underground
Pipe Type: FIBERGLASS REINFORCED PLASTIC
Pipe Internal: Other
Pipe External: 59
Second Containment: Vault (w/access)
Leak Detection: 13
Overfill Prot: Automatic Shut-Off, Catch Basin
Dispenser: Suction
Date Tested: Not reported
Next Test Date: Not reported
Missing Data for Tank: No Missing Data
Date Closed: Not reported
Test Method: Not reported
Deleted: False
Updated: True
Lat/long: Not reported

Tank Id: 004
Tank Location: UNDERGROUND

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CAMILLUS HIGHWAY DEPARTMENT (Continued)

U003314007

Tank Status: In Service
Install Date: 19881201
Capacity (gals): 6000
Product Stored: UNLEADED GASOLINE
Tank Type: Steel/carbon steel
Tank Internal: None
Tank External: 12
Pipe Location: Underground
Pipe Type: FIBERGLASS REINFORCED PLASTIC
Pipe Internal: Other
Pipe External: 59
Second Containment: Vault (w/access)
Leak Detection: 13
Overfill Prot: Automatic Shut-Off, Catch Basin
Dispenser: Suction
Date Tested: Not reported
Next Test Date: Not reported
Missing Data for Tank: No Missing Data
Date Closed: Not reported
Test Method: Not reported
Deleted: False
Updated: True
Lat/long: Not reported

Tank Id: 005
Tank Location: UNDERGROUND
Tank Status: In Service
Install Date: Not reported
Capacity (gals): 500
Product Stored: USED OIL
Tank Type: Steel/carbon steel
Tank Internal: None
Tank External: None
Pipe Location: Underground
Pipe Type: GALVANIZED STEEL
Pipe Internal: None
Pipe External: None
Second Containment: None
Leak Detection: None
Overfill Prot: None
Dispenser: Gravity
Date Tested: Not reported
Next Test Date: Not reported
Missing Data for Tank: No Missing Data
Date Closed: Not reported
Test Method: Not reported
Deleted: False
Updated: True
Lat/long: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

S84
SE
> 1
1.349 mi.
7121 ft.

TOWN OF CAMILLUS HI-WAY
3097 MILTON AVE
CAMILLUS, NY
Site 5 of 7 in cluster S

NY Spills S102122277
NY Hist Spills N/A

Relative:
Higher

Actual:
434 ft.

NY Spills:
Site ID: 99045
Facility Addr2: Not reported
Facility ID: 9100331
Spill Number: 9100331
Facility Type: ER
SWIS: 3420
Investigator: ROMOCKI
Referred To: Not reported
Spill Date: 4/8/1991
Reported to Dept: 4/8/1991
CID: Not reported
Spill Cause: Equipment Failure
Water Affected: Not reported
Spill Source: Institutional, Educational, Gov., Other
Spill Notifier: Responsible Party
Cleanup Ceased: 9/13/1991
Cleanup Meets Std: True
Last Inspection: Not reported
Recommended Penalty: Penalty Not Recommended
UST Trust: False
Spill Class: Not reported
Spill Closed Dt: 9/13/1991
Remediation Phase: 0
Date Entered In Computer: 4/8/1991
Spill Record Last Update: 9/13/1991
Spiller Name: Not reported
Spiller Company: TOWN OF CAMILLUS GARAGE
Spiller Address: 3097 MILTON AVE.
Spiller City,St,Zip: CAMILLUS, NY 13031
Spiller Company: 001
Contact Name: Not reported
Contact Phone: Not reported
DEC Region: 7
DER Facility ID: 88061
DEC Memo: Prior to Sept, 2004 data translation this spill Lead_DEC Field was "MR" 04/08/91: OIL THAT MAY HAVE TRAPPED BENEATH THE GARAGE FLOOR WAS RELEASED DURING EXCAVATION. HYDRAULIC LINES THAT HAD BEEN LEAKING A FEW YEARS AGO MAY BE THE SOURCE. 09/13/91: OIL SEPARATING SYSTEM INSTALLED FOR DISCHARGE INTO STORM SYSTEM. NO MORE OIL SEEPING OUT FROM UNDER THE GARAGE FLOOR. SOME RESIDUAL OIL PROBABLY STILL REMAINS UNDER THE FLOOR.
Remarks: OIL OOZING INTO EXCAVATION HOLE FROM BENEATH THE GARAGE. MAY BE FROM HYDRUALIC LINES REMOVED FROM SERVICE 2-3 YEARS AGO.
Material:
Site ID: 99045
Operable Unit ID: 951172
Operable Unit: 01
Material ID: 426536
Material Code: 0022
Material Name: Waste Oil/Used Oil
Case No.: Not reported
Material FA: Petroleum

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TOWN OF CAMILLUS HI-WAY (Continued)

S102122277

Quantity: 25
Units: Gallons
Recovered: 5
Resource Affected: Not reported
Oxygenate: False

Tank Test:

Site ID: Not reported
Spill Tank Test: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate: Not reported
Gross Fail: Not reported
Modified By: Not reported
Last Modified: Not reported
Test Method: Not reported

NY Hist Spills:

Region of Spill: 7
Spill Number: 9100331
Investigator: MR
Caller Name: Not reported
Caller Agency: Not reported
Caller Phone: Not reported
Notifier Name: Not reported
Notifier Agency: Not reported
Notifier Phone: Not reported
Spill Date/Time: 04/08/1991 09:00
Reported to Dept Date/Time: 04/08/91 09:30
SWIS: 31
Spiller Name: TOWN OF CAMILLUS GARAGE
Spiller Contact: Not reported
Spiller Phone: (315) 672-5556
Spiller Address: 3097 MILTON AVE.
Spiller City,St,Zip: CAMILLUS, NY 13031
Spill Cause: Equipment Failure
Reported to Dept: On Land
Water Affected: Not reported
Spill Source: 02
Spill Notifier: Responsible Party
PBS Number: Not reported
Cleanup Ceased: 09/13/91
Cleanup Meets Std: True
Last Inspection: / /
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Dt: / /
Enforcement Date: / /
Invstgn Complete: / /
UST Involvement: False
Spill Class: Not reported
Spill Closed Dt: 09/13/91
Corrective Action Plan Submitted: / /
Date Region Sent Summary to Central Office: / /
Date Spill Entered In Computer Data File: 04/08/91

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TOWN OF CAMILLUS HI-WAY (Continued)

S102122277

Date Spill Entered In Computer Data File: Not reported
Update Date: 09/13/91
Is Updated: False

Tank:
PBS Number: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported

Material:
Material Class Type: Petroleum
Quantity Spilled: 25
Unkonwn Quantity Spilled: False
Units: Gallons
Quantity Recovered: 5
Unkonwn Quantity Recovered: False
Material: WASTE OIL
Class Type: WASTE OIL
Times Material Entry In File: 9509
CAS Number: Not reported
Last Date: 19940927
DEC Remarks: 04/08/91: OIL THAT MAY HAVE TRAPPED BENEATH THE GARGE FLOOR WAS RELEASED DURING EXCAVATION. HYDRAULIC LINES THAT HAD BEEN LEAKING A FEW YEARS AGO MAY BE THE SOURCE. 09/13/91: OIL SEPARATING SYSTEM INSTALLED FOR DISCHARGE INTO STORM SYSTEM. NO MORE OIL SEEPING OUT FROM UNDER THE GARAGE FLOOR. SOME RESIDUAL OIL PROBABLY STILL REMAINS UNDER THE FLOOR.
Remark: OIL OOZING INTO EXCAVATION HOLE FROM BENEATH THE GARAGE. MAY BE FROM HYDRUALIC LINES REMOVED FROM SERVICE 2-3 YEARS AGO.

S85 **CAMILLUS HIGHWAY GARAGE**
SE **3097 MILTON AVE**
> 1 **CAMILLUS, NY 13031**
1.349 mi.
7121 ft. **Site 6 of 7 in cluster S**

NY Spills **S108982855**
N/A

Relative: NY Spills:
Higher Site ID: 391821
Facility Addr2: Not reported
Actual: Facility ID: 0751292
434 ft. Spill Number: 0751292
Facility Type: ER
SWIS: 3420
Investigator: kckemp
Referred To: Not reported
Spill Date: 1/4/2008
Reported to Dept: 1/4/2008
CID: Not reported
Spill Cause: Unknown
Water Affected: NONE
Spill Source: Non Major Facility > 1,100 gal
Spill Notifier: Other
Cleanup Ceased: 4/10/2008
Cleanup Meets Std: True
Last Inspection: 1/7/2008
Recommended Penalty: Penalty Not Recommended
UST Trust: False

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CAMILLUS HIGHWAY GARAGE (Continued)

S108982855

Spill Class: No spill occurred. (Not Possible)
Spill Closed Dt: 4/10/2008
Remediation Phase: 0
Date Entered In Computer: 1/4/2008
Spill Record Last Update: 4/10/2008
Spiller Name: MARK PIGULA
Spiller Company: TOWN OF CAMILLUS
Spiller Address: 4600 WEST GENESEE ST
Spiller City,St,Zip: SYRACUSE, NY 13219
Spiller Company: 001
Contact Name: MARK PIGULA
Contact Phone: (315) 672-5556
DEC Region: 7
DER Facility ID: 341423
DEC Memo: DEC called by contractor hired for compliance audit 1/7/2008-tanks are SW. Contractor (B&L Engineers) was measuring product in tank. No spill. Paragon to test tank 1/8/2008.

Remarks: 24" product in interstitial for gasoline. water in interstitial for diesel.

Material:

Site ID: 391821
Operable Unit ID: 1148855
Operable Unit: 01
Material ID: 2139349
Material Code: 0009
Material Name: Gasoline
Case No.: Not reported
Material FA: Petroleum
Quantity: 0
Units: Gallons
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:

Site ID: Not reported
Spill Tank Test: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate: Not reported
Gross Fail: Not reported
Modified By: Not reported
Last Modified: Not reported
Test Method: Not reported

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Site

Database(s)

EDR ID Number
EPA ID Number

S86 **TOWN OF CAMILLUS HIGHWAY GARAGE**
SE **3097 MILTON AVE**
> 1 **CAMILLUS, NY 13031**
1.349 mi.
7121 ft. **Site 7 of 7 in cluster S**

NY Spills **S108982856**
 N/A

Relative:
Higher

NY Spills:

Actual:
434 ft.

Site ID: 391822
Facility Addr2: Not reported
Facility ID: 0751293
Spill Number: 0751293
Facility Type: ER
SWIS: 3420
Investigator: kckemp
Referred To: Not reported
Spill Date: 1/4/2008
Reported to Dept: 1/4/2008
CID: Not reported
Spill Cause: Unknown
Water Affected: NONE
Spill Source: Non Major Facility > 1,100 gal
Spill Notifier: Other
Cleanup Ceased: 1/8/2009
Cleanup Meets Std: False
Last Inspection: 1/7/2008
Recommended Penalty: Penalty Not Recommended
UST Trust: False
Spill Class: Possible release with minimal potential for fire or hazard or Known release with no damage. DEC Response. Willing Responsible Party. Corrective action taken.

Spill Closed Dt: 1/8/2009
Remediation Phase: 0
Date Entered In Computer: 1/4/2008
Spill Record Last Update: 1/8/2009
Spiller Name: MARK PIGULA
Spiller Company: TOWN OF CAMILLUS
Spiller Address: 4600 WEST GENESEE ST
Spiller City,St,Zip: SYRACUSE, NY 13219
Spiller Company: 001
Contact Name: MARK PIGULA
Contact Phone: (315) 672-5556
DEC Region: 7
DER Facility ID: 341423
DEC Memo: heavy oil noted on pribe in groundwater monitoring well. 1/7/2008-Oil removed. Appears to be old diesel. MW is located between end of tank and immediately adjacent to dispenser. Will see is oil reappears. Paragon to test tanks 1/8/2008.

Remarks: heavy oil layer noted in monitoring well.

Material:

Site ID: 391822
Operable Unit ID: 1148856
Operable Unit: 01
Material ID: 2139350
Material Code: 0022
Material Name: Waste Oil/Used Oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 0
Units: Gallons

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

TOWN OF CAMILLUS HIGHWAY GARAGE (Continued)

S108982856

Recovered: No
 Resource Affected: Not reported
 Oxygenate: False

Tank Test:

Site ID: Not reported
 Spill Tank Test: Not reported
 Tank Number: Not reported
 Tank Size: Not reported
 Test Method: Not reported
 Leak Rate: Not reported
 Gross Fail: Not reported
 Modified By: Not reported
 Last Modified: Not reported
 Test Method: Not reported

87
WSW
> 1
1.353 mi.
7144 ft.

108 PINAFORE DRIVE
108 PINAFORE DRIVE
CAMILLUS, NY

NY Spills S104653880
NY Hist Spills N/A

Relative:
Higher

Actual:
450 ft.

NY Spills:
 Site ID: 209073
 Facility Addr2: Not reported
 Facility ID: 0003489
 Spill Number: 0003489
 Facility Type: ER
 SWIS: 3420
 Investigator: CFMANNES
 Referred To: Not reported
 Spill Date: 6/20/2000
 Reported to Dept: 6/21/2000
 CID: 204
 Spill Cause: Unknown
 Water Affected: Not reported
 Spill Source: Unknown
 Spill Notifier: Police Department
 Cleanup Ceased: Not reported
 Cleanup Meets Std: False
 Last Inspection: 6/21/2000
 Recommended Penalty: Penalty Not Recommended
 UST Trust: False
 Spill Class: Possible release with minimal potential for fire or hazard or Known release with no damage. No DEC Response. No corrective action required.
 Spill Closed Dt: 6/30/2000
 Remediation Phase: 0
 Date Entered In Computer: 6/21/2000
 Spill Record Last Update: 11/2/2000
 Spiller Name: Not reported
 Spiller Company: UNKNOWN
 Spiller Address: Not reported
 Spiller City,St,Zip: ZZ -
 Spiller Company: 001
 Contact Name: RICHARD ERWIN

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

108 PINAFORE DRIVE (Continued)

S104653880

Contact Phone: (315) 487-0102
DEC Region: 7
DER Facility ID: 173445
DEC Memo: Prior to Sept, 2004 data translation this spill Lead_DEC Field was "CM"
Remarks: BEHIND CALLERS HOUSE - POSSIBLY FROM NEIGHBOR IN THE BACK - NO ONE FROM POLICE DEPARTMENT THERE YET.

Material:

Site ID: 209073
Operable Unit ID: 825867
Operable Unit: 01
Material ID: 551811
Material Code: 0066A
Material Name: UNKNOWN PETROLEUM
Case No.: Not reported
Material FA: Petroleum
Quantity: 0
Units: Gallons
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:

Site ID: Not reported
Spill Tank Test: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate: Not reported
Gross Fail: Not reported
Modified By: Not reported
Last Modified: Not reported
Test Method: Not reported

NY Hist Spills:

Region of Spill: 7
Spill Number: 0003489
Investigator: CM
Caller Name: Not reported
Caller Agency: Not reported
Caller Phone: Not reported
Notifier Name: Not reported
Notifier Agency: Not reported
Notifier Phone: Not reported
Spill Date/Time: 06/20/2000 12:00
Reported to Dept Date/Time: 06/21/00 10:57
SWIS: 31
Spiller Name: UNKNOWN
Spiller Contact: Not reported
Spiller Phone: () -
Spiller Contact: RICHARD ERWIN
Spiller Phone: (315) 487-0102
Spiller Address: Not reported
Spiller City,St,Zip: -
Spill Cause: Unknown

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

108 PINAFORE DRIVE (Continued)

S104653880

Reported to Dept: On Land
Water Affected: Not reported
Spill Source: 12
Spill Notifier: Police Department
PBS Number: Not reported
Cleanup Ceased: / /
Cleanup Meets Std: False
Last Inspection: 06/21/00
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Dt: / /
Enforcement Date: / /
Invstgn Complete: / /
UST Involvement: False
Spill Class: Possible release with minimal potential for fire or hazard or Known release with no damage. No DEC Response. No corrective action required.
Spill Closed Dt: 06/30/00
Corrective Action Plan Submitted: / /
Date Region Sent Summary to Central Office: / /
Date Spill Entered In Computer Data File: 06/21/00
Date Spill Entered In Computer Data File: Not reported
Update Date: 11/02/00
Is Updated: False

Tank:

PBS Number: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported

Material:

Material Class Type: Petroleum
Quantity Spilled: 0
Unkonwn Quantity Spilled: True
Units: Gallons
Quantity Recovered: 0
Unkonwn Quantity Recovered: True
Material: UNKNOWN PETROLEUM
Class Type: UNKNOWN PETROLEUM
Times Material Entry In File: 16414
CAS Number: Not reported
Last Date: 19940929
DEC Remarks: Not reported
Remark: BEHIND CALLERS HOUSE - POSSIBLY FROM NEIGHBOR IN THE BACK - NO ONE FROM POLICE DEPARTMENT THERE YET.

R88
SE
> 1
1.354 mi.
7150 ft.

**NYSDOT BRIDGE BIN 1093421
RTE 5 WB OVER RTE 297 & FINGER
CAMILLUS, NY 13031**
Site 2 of 3 in cluster R

**RCRA-NonGen 1001119401
FINDS NYR000026880**

Relative:
Higher

RCRA-NonGen:
Date form received by agency: 01/01/2007
Facility name: NYSDOT BRIDGE BIN 1093421
Facility address: RTE 5 WB OVER RTE 297 & FINGER
LAKES RAILWAY CORP

Actual:
432 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYSDOT BRIDGE BIN 1093421 (Continued)

1001119401

EPA ID: CAMILLUS, NY 13031
NYR000026880
Contact: Not reported
Contact address: RTE 5 WB OVER RTE 297 & FINGER
CAMILLUS, NY 13031
Contact country: US
Contact telephone: Not reported
Contact email: Not reported
EPA Region: 02
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: NYSDOT
Owner/operator address: 333 E WASHINGTON ST
SYRACUSE, NY 13202
Owner/operator country: US
Owner/operator telephone: (315) 448-7349
Legal status: State
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: NYSDOT
Owner/operator address: 333 E WASHINGTON ST
SYRACUSE, NY 13202
Owner/operator country: US
Owner/operator telephone: (315) 448-7349
Legal status: State
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler accessibility indicator: Transferred to the program or state equivalent.

Handler Activities Summary:

U.S. importer of hazardous waste: Unknown
Mixed waste (haz. and radioactive): Unknown
Recycler of hazardous waste: No
Transporter of hazardous waste: Unknown
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: Unknown
Furnace exemption: Unknown
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Commercial status unknown

Historical Generators:

Date form received by agency: 01/01/2006
Facility name: NYSDOT BRIDGE BIN 1093421
Classification: Not a generator, verified

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYSDOT BRIDGE BIN 1093421 (Continued)

1001119401

Date form received by agency: 01/31/1997
Facility name: NYSDOT BRIDGE BIN 1093421
Classification: Not a generator, verified

Date form received by agency: 07/18/1996
Facility name: NYSDOT BRIDGE BIN 1093421
Classification: Small Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110008095756

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

R89
SE
> 1
1.354 mi.
7150 ft.

NYSDOT BRIDGE BIN 1093422
RTE 5 EB OVER RTE 297 & FINGER
CAMILLUS, NY 13031

RCRA-NonGen **1001119402**
FINDS **NYR000026898**
MANIFEST

Site 3 of 3 in cluster R

Relative:
Higher

RCRA-NonGen:

Date form received by agency: 01/01/2007
Facility name: NYSDOT BRIDGE BIN 1093422
Facility address: RTE 5 EB OVER RTE 297 & FINGER
LAKES RAILWAY CORP
CAMILLUS, NY 13031
EPA ID: NYR000026898
Contact: ROBERT TRENDSELL
Contact address: RTE 5 EB OVER RTE 297 & FINGER NYSDOT
CAMILLUS, NY 13031
Contact country: US
Contact telephone: (315) 448-7349
Contact email: Not reported
EPA Region: 02
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Actual:
432 ft.

Owner/Operator Summary:

Owner/operator name: NYSDOT
Owner/operator address: 333 E WASHINGTON ST
SYRACUSE, NY 13202

Owner/operator country: US
Owner/operator telephone: (315) 448-7349
Legal status: State
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: NYSDOT

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYSDOT BRIDGE BIN 1093422 (Continued)

1001119402

Owner/operator address: 333 E WASHINGTON ST
SYRACUSE, NY 13202
Owner/operator country: US
Owner/operator telephone: (315) 448-7349
Legal status: State
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler accessibility indicator: Transferred to the program or state equivalent.

Handler Activities Summary:

U.S. importer of hazardous waste: Unknown
Mixed waste (haz. and radioactive): Unknown
Recycler of hazardous waste: No
Transporter of hazardous waste: Unknown
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: Unknown
Furnace exemption: Unknown
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Commercial status unknown

Historical Generators:

Date form received by agency: 01/01/2006
Facility name: NYSDOT BRIDGE BIN 1093422
Classification: Not a generator, verified

Date form received by agency: 07/18/1996
Facility name: NYSDOT BRIDGE BIN 1093422
Classification: Not a generator, verified

Date form received by agency: 01/31/1994
Facility name: NYSDOT BRIDGE BIN 1093422
Classification: Not a generator, verified

Violation Status: No violations found

FINDS:

Registry ID: 110008095765

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYSDOT BRIDGE BIN 1093422 (Continued)

1001119402

NY MANIFEST:

EPA ID: NYR000026898
Country: USA
Mailing Name: NYSDOT ROUTE 5 EB OVER ROUTE 297 AND
Mailing Contact: ROBERT TRENDELL
Mailing Address: 109 SOUTH WARREN STREET
Mailing Address 2: Not reported
Mailing City: SYRACUSE
Mailing State: NY
Mailing Zip: 13202
Mailing Zip4: Not reported
Mailing Country: USA
Mailing Phone: 315-668-7313

Document ID: MIA4561908
Manifest Status: Completed after the designated time period for a TSDf to get a copy to the DEC
Trans1 State ID: 71596ENY
Trans2 State ID: 86044DNY
Generator Ship Date: 961010
Trans1 Recv Date: 961010
Trans2 Recv Date: 961014
TSD Site Recv Date: 961015
Part A Recv Date: 961113
Part B Recv Date: 961104
Generator EPA ID: NYR000026898
Trans1 EPA ID: NYD986903904
Trans2 EPA ID: NYD986903904
TSDf ID: MID096963194
Waste Code: D008 - LEAD 5.0 MG/L TCLP
Quantity: 00800
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 100
Year: 96

Document ID: MIA4561909
Manifest Status: Completed after the designated time period for a TSDf to get a copy to the DEC
Trans1 State ID: 71596ENY
Trans2 State ID: 86044DNY
Generator Ship Date: 961010
Trans1 Recv Date: 961010
Trans2 Recv Date: 961014
TSD Site Recv Date: 961015
Part A Recv Date: 961113
Part B Recv Date: 961104
Generator EPA ID: NYR000026898
Trans1 EPA ID: NYD986903904
Trans2 EPA ID: NYD986903904
TSDf ID: MID096963194
Waste Code: D008 - LEAD 5.0 MG/L TCLP
Quantity: 00400
Units: P - Pounds
Number of Containers: 001

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYSDOT BRIDGE BIN 1093422 (Continued)

1001119402

Container Type: DM - Metal drums, barrels
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 100
Year: 96

**90
SW
> 1
1.357 mi.
7164 ft.**

**167 BENNETT RD
CAMILLUS, NY**

**NY Spills S106004205
N/A**

**Relative:
Higher**

NY Spills:

**Actual:
463 ft.**

Site ID: 69847
Facility Addr2: Not reported
Facility ID: 0202352
Spill Number: 0202352
Facility Type: ER
SWIS: 3420
Investigator: CFMANNES
Referred To: Not reported
Spill Date: 6/4/2002
Reported to Dept: 6/4/2002
CID: 211
Spill Cause: Other
Water Affected: Not reported
Spill Source: Commercial/Industrial
Spill Notifier: Local Agency
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: Penalty Not Recommended
UST Trust: False
Spill Class: Possible release with minimal potential for fire or hazard or Known release with no damage. No DEC Response. No corrective action required.

Spill Closed Dt: 9/1/2002

Remediation Phase: 0

Date Entered In Computer: 6/4/2002

Spill Record Last Update: 1/22/2003

Spiller Name: MICHAEL QUICK

Spiller Company: Not reported

Spiller Address: 167 BENNETT RD

Spiller City,St,Zip: CAMILLUS, NY

Spiller Company: 001

Contact Name: Not reported

Contact Phone: Not reported

DEC Region: 7

DER Facility ID: 66373

DEC Memo: Prior to Sept, 2004 data translation this spill Lead_DEC Field was "CM" HOMEOWNERS DUG AROUND FOOTING ABOUT 20 INCHES, NO PIPES OR STAINING OBSERVED. OLD PUMP WAS FOR AN ABOVE GROUND TANK TAHT WAS REMOVED IN THE EARLY 1970'S. NO FURTHER INVESTIGATION WARRANTED.

Remarks: caller states spiller was cutting what appears to be fill pipe off tank and residual product spilled on ground - product appears to be kerosene - no clean up

Material:

Site ID: 69847

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

(Continued)

S106004205

Operable Unit ID: 853197
Operable Unit: 01
Material ID: 520210
Material Code: 0012
Material Name: Kerosene (#1 Fuel Oil)
Case No.: Not reported
Material FA: Petroleum
Quantity: 0
Units: Gallons
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:

Site ID: 69847
Spill Tank Test: 1527174
Tank Number: Not reported
Tank Size: 0
Test Method: 00
Leak Rate: 0
Gross Fail: Not reported
Modified By: Spills
Last Modified: 10/1/2004
Test Method: Unknown

T91
SE
> 1
1.359 mi.
7176 ft.

FRAZIER JONES
3000 MILTON AVE
SOLVEY, NY

Site 1 of 13 in cluster T

NY Spills S104500264
NY Hist Spills N/A

Relative:
Higher

Actual:
431 ft.

NY Spills:

Site ID: 91691
Facility Addr2: Not reported
Facility ID: 9501644
Spill Number: 9501644
Facility Type: ER
SWIS: 3400
Investigator: HDWARNER
Referred To: Not reported
Spill Date: 5/9/1995
Reported to Dept: 5/9/1995
CID: Not reported
Spill Cause: Traffic Accident
Water Affected: Not reported
Spill Source: Tank Truck
Spill Notifier: Police Department
Cleanup Ceased: 5/9/1995
Cleanup Meets Std: True
Last Inspection: 5/9/1995
Recommended Penalty: Penalty Not Recommended
UST Trust: False
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.
Willing Responsible Party. Corrective action taken.
Spill Closed Dt: 5/12/1995
Remediation Phase: 0

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FRAZIER JONES (Continued)

S104500264

Date Entered In Computer: Not reported
Spill Record Last Update: 12/2/2003
Spiller Name: Not reported
Spiller Company: BUFFALO FUEL
Spiller Address: Not reported
Spiller City,St,Zip: NY
Spiller Company: 999
Contact Name: Not reported
Contact Phone: Not reported
DEC Region: 7
DER Facility ID: 82445
DEC Memo: Prior to Sept, 2004 data translation this spill Lead_DEC Field was "HW" 05/12/95: EFFECTED AREA REMOVED AND DRUMED. NO FURTHER ACTION REQUIRED.
Remarks: TRACTOR TRAILER ROLL OVER LEAKED APPROX 20 GALLONS OF FUEL ONTO SAND PILE.

Material:

Site ID: 91691
Operable Unit ID: 1012660
Operable Unit: 01
Material ID: 366715
Material Code: 0008
Material Name: Diesel
Case No.: Not reported
Material FA: Petroleum
Quantity: 20
Units: Not reported
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:

Site ID: Not reported
Spill Tank Test: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate: Not reported
Gross Fail: Not reported
Modified By: Not reported
Last Modified: Not reported
Test Method: Not reported

NY Hist Spills:

Region of Spill: 7
Spill Number: 9501644
Investigator: HW
Caller Name: Not reported
Caller Agency: Not reported
Caller Phone: Not reported
Notifier Name: Not reported
Notifier Agency: Not reported
Notifier Phone: Not reported
Spill Date/Time: 05/09/1995 13:00
Reported to Dept Date/Time: 05/09/95 11:28

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FRAZIER JONES (Continued)

S104500264

SWIS: 31
Spiller Name: BUFFALO FUEL
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Address: Not reported
Spiller City,St,Zip: Not reported
Spill Cause: Traffic Accident
Reported to Dept: On Land
Water Affected: Not reported
Spill Source: 08
Spill Notifier: Police Department
PBS Number: Not reported
Cleanup Ceased: 05/09/95
Cleanup Meets Std: True
Last Inspection: 05/09/95
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Dt: / /
Enforcement Date: / /
Invstgn Complete: / /
UST Involvement: False
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.
Willing Responsible Party. Corrective action taken.
Spill Closed Dt: 05/12/95
Corrective Action Plan Submitted: / /
Date Region Sent Summary to Central Office: / /
Date Spill Entered In Computer Data File: 05/12/95
Date Spill Entered In Computer Data File: Not reported
Update Date: / /
Is Updated: False

Tank:
PBS Number: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported

Material:
Material Class Type: Petroleum
Quantity Spilled: 20
Unkonwn Quantity Spilled: False
Units: Not reported
Quantity Recovered: 0
Unkonwn Quantity Recovered: False
Material: DIESEL
Class Type: DIESEL
Times Material Entry In File: 10625
CAS Number: Not reported
Last Date: 19940728
DEC Remarks: 05/12/95: EFFECTED AREA REMOVED AND DRUMED. NO FURTHER ACTION REQUIRED.
Remark: TRACTOR TRAILER ROLL OVER LEAKED APPROX 20 GALLONS OF FUEL ONTO SAND PILE.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

T92
SE
> 1
1.359 mi.
7176 ft.

STANTON FOUNDRY
3004 MILTON AVE
SOLVAY, NY 13209
Site 2 of 13 in cluster T

RCRA-NonGen 1000457303
FINDS NYD002234912
LTANKS
HIST LTANKS
UST
HIST UST
MANIFEST

Relative:
Higher

Actual:
431 ft.

RCRA-NonGen:
Date form received by agency: 01/01/2007
Facility name: STANTON FOUNDRY
Facility address: 3004 MILTON AVE
SOLVAY, NY 132092522
EPA ID: NYD002234912
Mailing address: PO BOX 548
EAST SYRACUSE, NY 13057
Contact: Not reported
Contact address: PO BOX 548
EAST SYRACUSE, NY 13057
Contact country: US
Contact telephone: Not reported
Contact email: Not reported
EPA Region: 02
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: HOFFMAN AIR & FILTRATION
Owner/operator address: NOT REQUIRED
NOT REQUIRED, WY 99999
Owner/operator country: US
Owner/operator telephone: (212) 555-1212
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: HOFFMAN AIR & FILTRATION
Owner/operator address: NOT REQUIRED
NOT REQUIRED, WY 99999
Owner/operator country: US
Owner/operator telephone: (212) 555-1212
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler accessibility indicator: Transferred to the program or state equivalent.

Handler Activities Summary:
U.S. importer of hazardous waste: Unknown
Mixed waste (haz. and radioactive): Unknown
Recycler of hazardous waste: No
Transporter of hazardous waste: Unknown
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: Unknown
Furnace exemption: Unknown
Used oil fuel burner: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

STANTON FOUNDRY (Continued)

1000457303

Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Commercial status unknown

Historical Generators:

Date form received by agency: 01/01/2006
Facility name: STANTON FOUNDRY
Classification: Not a generator, verified

Date form received by agency: 07/08/1999
Facility name: STANTON FOUNDRY
Classification: Not a generator, verified

Date form received by agency: 11/13/1990
Facility name: STANTON FOUNDRY
Classification: Small Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110001984069

Environmental Interest/Information System

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LTANKS:

Site ID: 192615
Spill No: 9105724
Spill Date: 8/26/1991
Spill Cause: Tank Failure
Spill Source: Commercial/Industrial
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt: 9/17/1991
Facility Addr2: Not reported
Cleanup Ceased: 9/17/1991
Cleanup Meets Standard: True
SWIS: 3400
Investigator: ROMOCKI
Referred To: Not reported
Reported to Dept: 8/26/1991
CID: Not reported
Water Affected: Not reported
Spill Notifier: Other
Last Inspection: Not reported
Recommended Penalty: Penalty Not Recommended

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

STANTON FOUNDRY (Continued)

1000457303

UST Involvement: True
Remediation Phase: 0
Date Entered In Computer: 8/27/1991
Spill Record Last Update: 10/31/1991
Spiller Name: Not reported
Spiller Company: HOFFMAN AIR&FILTRATION
Spiller Address: 3004 MILTON AVE
Spiller City,St,Zip: SOLVAY, NY
Spiller County: 001
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
DEC Region: 7
DER Facility ID: 160602
DEC Memo: Prior to Sept, 2004 data translation this spill Lead_DEC Field was "MR" 08/27/91: CONTAMINATED SOIL HAD BEEN EXCAVATED AND STAGED ON SITE FOR DISPOSAL. ACENT TO AREA OF CONTAMINATION.
Remarks: 2K TANK, #2 FUEL, REMOVED. FOUND SOME CONTAMINATED SOIL.WILL EXCAVATED AND DISPOSE.

Material:

Site ID: 192615
Operable Unit ID: 956221
Operable Unit: 01
Material ID: 421498
Material Code: 0001
Material Name: #2 Fuel Oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 20
Units: Gallons
Recovered: 20
Resource Affected: Not reported
Oxygenate: False

Tank Test:

Site ID: Not reported
Spill Tank Test: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate: Not reported
Gross Fail: Not reported
Modified By: Not reported
Last Modified: Not reported
Test Method: Not reported

HIST LTANKS:

Region of Spill: 7
Spill Number: 9105724
Spill Date: 08/26/1991
Spill Time: 14:00
Spill Cause: Tank Failure
Resource Affectd: On Land
Water Affected: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

STANTON FOUNDRY (Continued)

1000457303

Spill Source: Other Commercial/Industrial
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.
Willing Responsible Party. Corrective action taken.
Spill Closed Dt: 09/17/91
Cleanup Ceased: 09/17/91
Cleanup Meets Standard: True
Investigator: MR
Caller Name: Not reported
Caller Agency: Not reported
Caller Phone: Not reported
Caller Extension: Not reported
Notifier Name: Not reported
Notifier Agency: Not reported
Notifier Phone: Not reported
Notifier Extension: Not reported
Reported to Department Date: 08/26/91
Reported to Department Time: 15:00
SWIS: 31
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
Spiller Name: HOFFMAN AIR&FILTRATION
Spiller Address: 3004 MILTON AVE
Spiller City,St,Zip: SOLVAY, NY
Spiller Cleanup Date: 08/27/91
Facility Contact: Not reported
Facility Phone: Not reported
Facility Extention: Not reported
Spill Notifier: Other
PBS Number: Not reported
Last Inspection: / /
Recommended Penalty: Penalty Not Recommended
Enforcement Date: / /
Investigation Complete: 09/17/91
UST Involvement: True
Date Region Sent Summary to Central Office: / /
Corrective Action Plan Submitted: 09/04/91
Date Spill Entered In Computer Data File: 08/27/91
Time Spill Entered In Computer Data File: Not reported
Spill Record Last Update: 10/31/91
Is Updated: False

Tank:

PBS Number: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported

Material:

Material Class Type: Petroleum
Quantity Spilled: 20
Unkonwn Quantity Spilled: False
Units: Gallons
Quantity Recovered: 20
Unkonwn Quantity Recovered: False

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

STANTON FOUNDRY (Continued)

1000457303

Material: #2 FUEL OIL
Class Type: #2 FUEL OIL
Times Material Entry In File: 24464
CAS Number: Not reported
Last Date: 19941207
DEC Remarks: 08/27/91: CONTAMINATED SOIL HAD BEEN EXCAVATED AND STAGED ON SITE FOR DISPOSAL.
ACENT TO AREA OF CONTAMINATION.
Spill Cause: 2K TANK, 2 FUEL, REMOVED. FOUND SOME CONTAMINATED SOIL.WILL EXCAVATED AND
DISPOSE.

UST:

Facility Id: 7-427381
Region: STATE
DEC Region: 7
Site Status: Unregulated
Program Type: PBS
Expiration Date: N/A
UTM X: 399981.35804999998
UTM Y: 4768114.3525999999

Affiliation Records:

Site Id: 45771
Affiliation Type: On-Site Operator
Company Name: STANTON FOUNDRY
Contact Type: Not reported
Contact Name: STANTON FOUNDRY
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (315) 488-2948
Phone Ext: Not reported
Email: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Site Id: 45771
Affiliation Type: Mail Contact
Company Name: STANTON FOUNDRY
Contact Type: Not reported
Contact Name: Not reported
Address1: 3004 MILTON AVE.
Address2: Not reported
City: SOLVAY
State: NY
Zip Code: 13209
Country Code: 001
Phone: (315) 488-2948
Phone Ext: Not reported
Email: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

STANTON FOUNDRY (Continued)

1000457303

Site Id: 45771
Affiliation Type: Emergency Contact
Company Name: STANTON FOUNDRY
Contact Type: Not reported
Contact Name: DAVID CHESBRO
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (315) 492-9220
Phone Ext: Not reported
Email: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Site Id: 45771
Affiliation Type: Owner
Company Name: STANTON FOUNDRY
Contact Type: Not reported
Contact Name: Not reported
Address1: 3004 MILTON AVE.
Address2: Not reported
City: SOLVAY
State: NY
Zip Code: 13209
Country Code: 001
Phone: (315) 488-2948
Phone Ext: Not reported
Email: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Equipment Records:

C00 - Pipe Location - No Piping
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
D02 - Pipe Type - Galvanized Steel
H00 - Tank Leak Detection - None
A00 - Tank Internal Protection - None
J02 - Dispenser - Suction
I00 - Overfill - None
G00 - Tank Secondary Containment - None

Tank Info:

Site ID: 45771
Tank Number: 001
Tank ID: 131908
Tank Status: Closed - Removed
Tank Model: Not reported
Pipe Model: Not reported
Install Date: Not reported
Capacity Gallons: 2000

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

STANTON FOUNDRY (Continued)

1000457303

Tightness Test Method: 01
Next Test Date: Not reported
Date Tank Closed: 8/1/1991
Tank Location: 5
Tank Type: Steel/carbon steel
Date Test: 12/1/1987
Register: True
Modified By: TRANSLAT
Last Modified: 3/4/2004

HIST UST:

PBS Number: 7-427381
SPDES Number: Not reported
Emergency Contact: DAVID CHESBRO
Emergency Telephone: (315) 492-9220
Operator: STANTON FOUNDRY
Operator Telephone: (315) 488-2948
Owner Name: STANTON FOUNDRY
Owner Address: 3004 MILTON AVE.
Owner City,St,Zip: SOLVAY, NY 13209
Owner Telephone: (315) 488-2948
Owner Type: Not reported
Owner Subtype: Not reported
Mailing Name: STANTON FOUNDRY
Mailing Address: 3004 MILTON AVE.
Mailing Address 2: Not reported
Mailing City,St,Zip: SOLVAY, NY 13209
Mailing Contact: Not reported
Mailing Telephone: (315) 488-2948
Owner Mark: First Owner
Facility Status: 2 - Unregulated by PBS (the total capacity is less than 1,101 gallons) and Subpart 360-14.
Facility Addr2: Not reported
SWIS ID: 3132
Old PBS Number: Not reported
Facility Type: Not reported
Inspected Date: Not reported
Inspector: Not reported
Inspection Result: Not reported
Federal ID: Not reported
Certification Flag: False
Certification Date: 10/29/1987
Expiration Date: 10/29/1992
Renew Flag: False
Renewal Date: Not reported
Total Capacity: 0
FAMT: True
Facility Screen: Minor Data Missing
Owner Screen: Minor Data Missing
Tank Screen: 0
Dead Letter: False
CBS Number: Not reported
Town or City: GEDDES
County Code: 31
Town or City: 32
Region: 7

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

STANTON FOUNDRY (Continued)

1000457303

Tank Id: 001
Tank Location: UNDERGROUND
Tank Status: Closed-Removed
Install Date: Not reported
Capacity (gals): 2000
Product Stored: NOS 1,2, OR 4 FUEL OIL
Tank Type: Steel/carbon steel
Tank Internal: Not reported
Tank External: Not reported
Pipe Location: Not reported
Pipe Type: GALVANIZED STEEL
Pipe Internal: Not reported
Pipe External: Not reported
Second Containment: None
Leak Detection: None
Overfill Prot: Not reported
Dispenser: Suction
Date Tested: 12/01/1987
Next Test Date: Not reported
Missing Data for Tank: Minor Data Missing
Date Closed: 08/01/1991
Test Method: Petro-Tite
Deleted: False
Updated: True
Lat/long: Not reported

NY MANIFEST:

EPA ID: NYD002234912
Country: USA
Mailing Name: HOFFMAN AIR STANTON FOUNDRY
Mailing Contact: MARTIN H KRUGER
Mailing Address: MILTON AVENUE
Mailing Address 2: Not reported
Mailing City: SOLVAY
Mailing State: NY
Mailing Zip: 13209
Mailing Zip4: Not reported
Mailing Country: USA
Mailing Phone: 315-432-8668

Document ID: NYB2411955
Manifest Status: Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID: 44571TNY
Trans2 State ID: Not reported
Generator Ship Date: 901116
Trans1 Recv Date: 901116
Trans2 Recv Date: Not reported
TSD Site Recv Date: 901116
Part A Recv Date: 901227
Part B Recv Date: 901220
Generator EPA ID: NYD002234912
Trans1 EPA ID: NYD982792814
Trans2 EPA ID: Not reported
TSDF ID: NYD043815703
Waste Code: D002 - NON-LISTED CORROSIVE WASTES
Quantity: 00055

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

STANTON FOUNDRY (Continued)

1000457303

Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 120
Waste Code: Not reported
Quantity: 00055
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 110
Year: 90

Document ID: NYB2723355
Manifest Status: Completed copy
Trans1 State ID: NY5555NY
Trans2 State ID: Not reported
Generator Ship Date: 910919
Trans1 Recv Date: 910919
Trans2 Recv Date: Not reported
TSD Site Recv Date: 910919
Part A Recv Date: 911003
Part B Recv Date: 910930
Generator EPA ID: NYD002234912
Trans1 EPA ID: NYD982792814
Trans2 EPA ID: Not reported
TSD ID: NYD043815703
Waste Code: D009 - MERCURY 0.2 MG/L TCLP
Quantity: 00100
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: L Landfill.
Specific Gravity: 100
Waste Code: Not reported
Quantity: 00110
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 002
Container Type: DM - Metal drums, barrels
Handling Method: L Landfill.
Specific Gravity: 100
Waste Code: Not reported
Quantity: 00100
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: L Landfill.
Specific Gravity: 100
Year: 91

Document ID: NYB2828556
Manifest Status: Completed copy
Trans1 State ID: 80359VNY
Trans2 State ID: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

STANTON FOUNDRY (Continued)

1000457303

Generator Ship Date: 910829
Trans1 Recv Date: 910829
Trans2 Recv Date: Not reported
TSD Site Recv Date: 910830
Part A Recv Date: 910911
Part B Recv Date: 910912
Generator EPA ID: NYD002234912
Trans1 EPA ID: NYD982792814
Trans2 EPA ID: Not reported
TSDF ID: NYD043815703
Waste Code: F003 - UNKNOWN
Quantity: 00110
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 002
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 090
Waste Code: Not reported
Quantity: 00055
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 110
Waste Code: Not reported
Quantity: 00055
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 101
Waste Code: Not reported
Quantity: 00085
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 095
Year: 91

Document ID: NYB2828547
Manifest Status: Completed copy
Trans1 State ID: 80359VNY
Trans2 State ID: Not reported
Generator Ship Date: 910829
Trans1 Recv Date: 910829
Trans2 Recv Date: Not reported
TSD Site Recv Date: 910830
Part A Recv Date: 910911
Part B Recv Date: 910913
Generator EPA ID: NYD002234912
Trans1 EPA ID: NYD982792814
Trans2 EPA ID: Not reported
TSDF ID: NYD043815703
Waste Code: D002 - NON-LISTED CORROSIVE WASTES
Quantity: 00055

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

STANTON FOUNDRY (Continued)

1000457303

Units: G - Gallons (liquids only)* (8.3 pounds)
 Number of Containers: 001
 Container Type: DM - Metal drums, barrels
 Handling Method: T Chemical, physical, or biological treatment.
 Specific Gravity: 120
 Year: 91

**T93
 SE
 > 1
 1.359 mi.
 7178 ft.**

**LCP CHEMICAL
 MATTHEWS AVE
 SOLVAY, NY**

**SHWS
 NY Spills
 NY Hist Spills**

**S102124051
 N/A**

Site 3 of 13 in cluster T

**Relative:
 Higher**

SHWS:

Program: HW
 Site Code: 56348
 Classification: SIGNIFICANT THREAT TO THE PUBLIC HEALTH OR ENVIRONMENT - ACTION REQUIRED.
 Region: 7
 Acres: 20.000
 HW Code: 734049
 Record Add: 11/18/1999 12:00:00 PM
 Record Upd: 3/31/2010 8:28:00 AM
 Updated By: DJHESLER

**Actual:
 430 ft.**

Site Description:

The former LCP Chemical site is located 2 miles northwest of the City of Syracuse, in the Town of Geddes, Onondaga County, New York (see Figure 1). The approximately 20-acre site is located in an industrial area on Gere Lock Road (formerly called Belle Isle Road), west of Bridge Street (Route 297), and south of the New York State Fairgrounds and an active railroad right-of-way. A scrap yard is located north of the site, a cogeneration facility is located to the west, and the former NAKOH Chemical facility is located to the northeast. Site geology consists of 3 to 10 feet of fill (brick, concrete, gravel, coal cinders), followed by 1 to 6 feet of clay and approximately 35 feet of silty-sand and sandy silt. Glacial till (a mixture of clays, silts, sands, and boulders) is at a depth of 38 to 44 feet below the ground surface at a thickness of 3 to 20 feet. Below the till is bedrock. Site hydrogeology consists of wetlands, a stream and two groundwater aquifers (upper and lower). The wetlands are approximately 9 acres in size and located west of the former facility. The stream, named the West Flume, is a man-made drainage channel that bisects the site and discharges to Geddes Brook which, in turn, discharges to Ninemile Creek 1.3 miles upstream and west of Onondaga Lake. The West Flume discharges to Geddes Brook near the Route 695 overpass, 4500 feet west (downstream) of the LCP Chemical site. Site runoff discharges to the West Flume and to the wetland. The wetland also discharges to the West Flume. Site groundwater from the upper aquifer discharges to the West Flume, and site groundwater from the lower aquifer flows towards the West Flume, but does not discharge to the stream prior to the West Flume converging with Geddes Brook. OU No. 2 consists of a 1.7-acre area where a former hydrogen peroxide plant was located. This area is north of the West Flume, south of the New York State Fairgrounds, a scrap metal recycling facility and an active railroad right-of-way, east of an area of OU No. 1 called the brine mud area, and west of the former NAKOH Chemical facility. A Record of Decision was issued for OU No. 1 by the NYSDEC in 2000. All of the remedial work at OU No. 1 was completed as of 2008, with the exception of the final cap. However, a

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LCP CHEMICAL (Continued)

S102124051

temporary cap is in place at the site. Remediation of OU No. 1 consisted of the following: the removal of tanks, containers and transformers; building demolition; sediment excavation and restoration of the West Flume and wetlands; soil washing, which reclaimed approximately 8 tons of elemental mercury; soil excavation of the Brine Mud Area and North Ditch; the excavation of pipes and sewers, which provided preferential pathways for contamination to enter into the West Flume; and the installation of a slurry wall, groundwater collection and cap system. The two buildings formerly located on OU No. 2, a hydrogen peroxide plant process building and a hydrogen compressor building, along with associated tanks and containers, were demolished and/or removed in 2001. The underground sewers and utilities located on OU No. 2 were removed, and surface soil (i.e., 1 to 3 feet) from OU No. 2 was excavated, as part of the OU No. 1 remedial action. A Proposed Remedial Action Plan for OU No. 2 was released, and a public comment period ran from February 16, 2010 through March 18, 2010. The public meeting was held on March 3, 2010. A Record of Decision was signed on March 30, 2010.

Env Problem: The primary contaminants of concern at the site include mercury and xylene. Groundwater and surface water sampling revealed elevated levels of mercury above the NYS Part 703 groundwater and surface water quality standards. Groundwater sampling has also revealed elevated levels of xylene above NYS Part 703 groundwater standards. Site soils have elevated levels of mercury and xylene. In addition, elemental mercury has been observed in some site soils. Elevated levels of mercury are also present in sediments at the site. Groundwater, surface water, sediment and soil contamination by mercury presented a significant threat to the environment prior to remedial activities. The following environmental exposure pathways and ecological risks have been identified for Operable Unit Number 2:

- Ecological screening conducted prior to the OU No. 2 area soil removals (as part of the OU No. 1 remedy) identified a potential for adverse effects on flora and fauna at both OU No. 2 and NAKOH Chemical, because maximum concentrations of certain chemicals in soil exceeded ecological screening benchmarks at both locations.
- Soil removed as part of the OU No. 1 remediation addressed the majority of the ecological issues identified in the screening assessment, and current site risks are lower due to the soil removal and backfill with clean gravel.
- While the lack of suitable plant or animal habitat, due to the site's industrial nature, currently limits ecological exposure to contaminants, a return to a more natural habitat in the future may create additional ecological risk.

Operable Unit No.2 Site contamination has impacted the groundwater resource in the shallow aquifer. While groundwater in the vicinity of the site is not a source of drinking water, site groundwater discharges to the West Flume, a New York State Class C water body.

Health Problem: The site is fenced and security is maintained to restrict public access to the site. Consumption of contaminated groundwater is not expected because the site and surrounding area are serviced by a municipal drinking water supply. Human contact with any surface soil contamination at the site is also not expected because OU-2 surface soils were removed as part of the OU-1 remedial action and backfilled with clean gravel. An evaluation to determine the potential for soil vapor intrusion to occur will be completed prior to the construction of any future site buildings. Other protective site measures will be in place to ensure that any future excavation and/or construction activities are protective of human health and the environment.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LCP CHEMICAL (Continued)

S102124051

Dump: False
Structure: False
Lagoon: False
Landfill: False
Pond: False
Disp Start: unknown
Disp Term: unknown
Lat/Long: 43:03:55:0 / 76:13:15:0
Dell: False
Record Add: 11/18/1999 12:00:00 PM
Record Upd: 1/7/2010 12:31:00 PM
Updated By: RXMUSTIC
Own Op: Disp. Owner
Sub Type: NNN
Owner Name: Not reported
Owner Company: LCP CHEMICAL
Owner Address: Not reported
Owner Addr2: Not reported
Owner City,St,Zip: ZZ
Owner Country: United States of America
Own Op: Owner
Sub Type: NNN
Owner Name: Not reported
Owner Company: LCP Chemical
Owner Address: Matthews Avenue / PO Box 98
Owner Addr2: Not reported
Owner City,St,Zip: Solvay, NY 13209
Owner Country: United States of America
Own Op: On-Site Operator
Sub Type: NNN
Owner Name: Not reported
Owner Company: LCP Chemical
Owner Address: Matthews Avenue
Owner Addr2: Not reported
Owner City,St,Zip: Solvay, NY 13209
Owner Country: United States of America
Own Op: On-Site Operator
Sub Type: E
Owner Name: Not reported
Owner Company: LCP CHEMICAL
Owner Address: PO BOX 98, MATTHEWS AVE.
Owner Addr2: Not reported
Owner City,St,Zip: SOLVAY, NY
Owner Country: United States of America
Own Op: Owner
Sub Type: E
Owner Name: Not reported
Owner Company: LCP CHEMICAL
Owner Address: PO BOX 98 MATTHEWS AVE.
Owner Addr2: Not reported
Owner City,St,Zip: SOLVAY, NY 13209
Owner Country: United States of America
HW Code: 734049
Waste Type: POLYCHLORINATED BIPHENYLS (PCB)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 734049

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LCP CHEMICAL (Continued)

S102124051

Waste Type: XYLENE (MIXED)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 734049
Waste Type: 2-ethylanthraquinone
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 734049
Waste Type: MERCURY
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: NYD095586376
Cross Ref Type Code: 06
Cross Ref Type: RCRA ID
Record Added Date: 11/18/1999 12:00:00 PM
Record Updated: 2/24/2005 3:54:00 PM
Updated By: INITIAL

NY Spills:

Site ID: 171002
Facility Addr2: Not reported
Facility ID: 8802310
Spill Number: 8802310
Facility Type: ER
SWIS: 3400
Investigator: VOLLMER
Referred To: Not reported
Spill Date: 6/7/1988
Reported to Dept: 6/14/1988
CID: Not reported
Spill Cause: Equipment Failure
Water Affected: ONONDAGA LAKE
Spill Source: Commercial/Industrial
Spill Notifier: Federal Government
Cleanup Ceased: 6/14/1988
Cleanup Meets Std: True
Last Inspection: Not reported
Recommended Penalty: Penalty Not Recommended
UST Trust: False
Spill Class: Not reported
Spill Closed Dt: 6/14/1988
Remediation Phase: 0
Date Entered In Computer: 6/20/1988
Spill Record Last Update: 11/7/2000
Spiller Name: Not reported
Spiller Company: LCP CHEMICAL
Spiller Address: PO BOX#98
Spiller City,St,Zip: SOLVAY, NY
Spiller Company: 001
Contact Name: Not reported
Contact Phone: Not reported
DEC Region: 7
DER Facility ID: 159259
DEC Memo: Prior to Sept, 2004 data translation this spill Lead_DEC Field was "DV" 06/14/88: STEVE LACKEY ALREADY AWARE OF THIS DISCHARGE.
Remarks: OPERATIONS PROCESS IN WATER TREATMENT PLANT THAT WAS UPSET. EVENT LASTED 3 DAYS. 11 LBS ADAY DISCHARGE. PLANT REPORTED TO BE SHUT DOWN.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LCP CHEMICAL (Continued)

S102124051

Material:

Site ID: 171002
Operable Unit ID: 917628
Operable Unit: 01
Material ID: 457877
Material Code: 0092A
Material Name: MERCURIC CHLORIDE
Case No.: 07487947
Material FA: Hazardous Material
Quantity: 33
Units: Pounds
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:

Site ID: Not reported
Spill Tank Test: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate: Not reported
Gross Fail: Not reported
Modified By: Not reported
Last Modified: Not reported
Test Method: Not reported

Site ID: 190933
Facility Addr2: Not reported
Facility ID: 8902916
Spill Number: 8902916
Facility Type: ER
SWIS: 3400
Investigator: VOLLMER
Referred To: Not reported
Spill Date: 6/20/1989
Reported to Dept: 6/21/1989
CID: Not reported
Spill Cause: Human Error
Water Affected: Not reported
Spill Source: Commercial/Industrial
Spill Notifier: Responsible Party
Cleanup Ceased: 6/22/1989
Cleanup Meets Std: True
Last Inspection: Not reported
Recommended Penalty: Penalty Not Recommended
UST Trust: False
Spill Class: Not reported
Spill Closed Dt: 6/22/1989
Remediation Phase: 0
Date Entered In Computer: 6/24/1989
Spill Record Last Update: 6/28/1989
Spiller Name: Not reported
Spiller Company: LCP CHEMICAL
Spiller Address: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LCP CHEMICAL (Continued)

S102124051

Spiller City,St,Zip: ZZ
Spiller Company: 001
Contact Name: Not reported
Contact Phone: Not reported
DEC Region: 7
DER Facility ID: 159259
DEC Memo: Prior to Sept, 2004 data translation this spill Lead_DEC Field was "DV" 06/22/89: REMOVED CONTAMINATED SOIL DOWN TO CLEAN SOIL.
Remarks: TREATMENT PLANT EFFLUENT SPILLED FROM DUMPSTER WHILE LOADING INTO TRUCK.

Material:

Site ID: 190933
Operable Unit ID: 930348
Operable Unit: 01
Material ID: 450592
Material Code: 1155A
Material Name: K-106 H2O TREATMENT
Case No.: Not reported
Material FA: Other
Quantity: 0
Units: Not reported
Recovered: No
Resource Affected: Not reported
Oxygenate: False
Site ID: 190933
Operable Unit ID: 930348
Operable Unit: 01
Material ID: 450591
Material Code: 0066A
Material Name: UNKNOWN PETROLEUM
Case No.: Not reported
Material FA: Petroleum
Quantity: 30
Units: Pounds
Recovered: 30
Resource Affected: Not reported
Oxygenate: False

Tank Test:

Site ID: Not reported
Spill Tank Test: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate: Not reported
Gross Fail: Not reported
Modified By: Not reported
Last Modified: Not reported
Test Method: Not reported

[Click this hyperlink](#) while viewing on your computer to access additional NY_SPILL: detail in the EDR Site Report.

NY Hist Spills:

Region of Spill: 7

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LCP CHEMICAL (Continued)

S102124051

Spill Number: 8902916
Investigator: DV
Caller Name: Not reported
Caller Agency: Not reported
Caller Phone: Not reported
Notifier Name: Not reported
Notifier Agency: Not reported
Notifier Phone: Not reported
Spill Date/Time: 06/20/1989 09:15
Reported to Dept Date/Time: 06/21/89 09:12
SWIS: 31
Spiller Name: LCP CHEMICAL
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Address: Not reported
Spiller City,St,Zip: Not reported
Spill Cause: Human Error
Reported to Dept: On Land
Water Affected: Not reported
Spill Source: 01
Spill Notifier: Responsible Party
PBS Number: Not reported
Cleanup Ceased: 06/22/89
Cleanup Meets Std: True
Last Inspection: / /
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Dt: / /
Enforcement Date: / /
Invstgn Complete: / /
UST Involvement: False
Spill Class: Not reported
Spill Closed Dt: 06/22/89
Corrective Action Plan Submitted: / /
Date Region Sent Summary to Central Office: / /
Date Spill Entered In Computer Data File: 06/24/89
Date Spill Entered In Computer Data File: Not reported
Update Date: 06/28/89
Is Updated: False

Tank:

PBS Number: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported

Material:

Material Class Type: Petroleum
Quantity Spilled: 30
Unkonwn Quantity Spilled: False
Units: Pounds
Quantity Recovered: 30
Unkonwn Quantity Recovered: False
Material: UNKNOWN PETROLEUM
Class Type: UNKNOWN PETROLEUM
Times Material Entry In File: 16414
CAS Number: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LCP CHEMICAL (Continued)

S102124051

Last Date: 19940929
Material Class Type: Hazardous Material
Quantity Spilled: 0
Unkonwn Quantity Spilled: False
Units: Not reported
Quantity Recovered: 0
Unkonwn Quantity Recovered: False
Material: K-106 H2O TREATMENT
Class Type: K-106 H2O TREATMENT
Times Material Entry In File: 1
CAS Number: Not reported
Last Date: Not reported
DEC Remarks: 06/22/89: REMOVED CONTAMINATED SOIL DOWN TO CLEAN SOIL.
Remark: TREATMENT PLANT EFFLUENT SPILLED FROM DUMPSTER WHILE LOADING INTO TRUCK.

Region of Spill: 7
Spill Number: 8802310
Investigator: DV
Caller Name: Not reported
Caller Agency: Not reported
Caller Phone: Not reported
Notifier Name: Not reported
Notifier Agency: Not reported
Notifier Phone: Not reported
Spill Date/Time: 06/07/1988 08:00
Reported to Dept Date/Time: 06/14/88 10:35
SWIS: 31
Spiller Name: LCP CHEMICAL
Spiller Contact: Not reported
Spiller Phone: (315) 487-4700
Spiller Address: PO BOX#98
Spiller City,St,Zip: SOLVAY, NY
Spill Cause: Equipment Failure
Reported to Dept: Surface Water
Water Affected: ONONDAGA LAKE
Spill Source: 01
Spill Notifier: Federal Government
PBS Number: Not reported
Cleanup Ceased: 06/14/88
Cleanup Meets Std: True
Last Inspection: / /
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Dt: / /
Enforcement Date: / /
Invstgn Complete: / /
UST Involvement: False
Spill Class: Not reported
Spill Closed Dt: 06/14/88
Corrective Action Plan Submitted: / /
Date Region Sent Summary to Central Office: / /
Date Spill Entered In Computer Data File: 06/20/88
Date Spill Entered In Computer Data File: Not reported
Update Date: 11/07/00
Is Updated: False

Tank:

PBS Number: Not reported
Tank Number: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LCP CHEMICAL (Continued)

S102124051

Tank Size: Not reported
Test Method: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported

Material:

Material Class Type: Nonpetroleum/Nonhazardous
Quantity Spilled: 33
Unkonwn Quantity Spilled: False
Units: Pounds
Quantity Recovered: 0
Unkonwn Quantity Recovered: False

Material: MERCURIC CHLORIDE
Class Type: MERCURIC CHLORIDE
Times Material Entry In File: 0
CAS Number: 07487947

Last Date: Not reported

DEC Remarks: 06/14/88: STEVE LACKEY ALREADY AWARE OF THIS DISCHARGE.

Remark: OPERATIONS PROCESS IN WATER TREATMENT PLANT THAT WAS UPSET. EVENT LASTED 3 DAYS. 11 LBS ADAY DISCHARGE. PLANT REPORTED TO BE SHUT DOWN.

Region of Spill: 7
Spill Number: 8801511
Investigator: DV
Caller Name: Not reported
Caller Agency: Not reported
Caller Phone: Not reported
Notifier Name: Not reported
Notifier Agency: Not reported
Notifier Phone: Not reported
Spill Date/Time: 05/18/1988 09:00
Reported to Dept Date/Time: 05/18/88 16:18
SWIS: 31
Spiller Name: LCP CHEMICAL
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Address: Not reported
Spiller City,St,Zip: Not reported
Spill Cause: Human Error
Reported to Dept: Surface Water
Water Affected: GEDDES BROOK
Spill Source: 01
Spill Notifier: Federal Government
PBS Number: Not reported
Cleanup Ceased: 05/19/88
Cleanup Meets Std: True
Last Inspection: / /
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Dt: / /
Enforcement Date: / /
Invstgn Complete: / /
UST Involvement: False
Spill Class: Not reported
Spill Closed Dt: 05/19/88
Corrective Action Plan Submitted: / /
Date Region Sent Summary to Central Office: / /
Date Spill Entered In Computer Data File: 06/03/88
Date Spill Entered In Computer Data File: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LCP CHEMICAL (Continued)

S102124051

Update Date: 06/03/88
Is Updated: False

Tank:
PBS Number: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported

Material:
Material Class Type: Nonpetroleum/Nonhazardous
Quantity Spilled: 2
Unkonwn Quantity Spilled: False
Units: Pounds
Quantity Recovered: 0
Unkonwn Quantity Recovered: False
Material: MERCURY
Class Type: MERCURY
Times Material Entry In File: 0
CAS Number: 07439976
Last Date: Not reported
DEC Remarks: 05/19/88: TURNED OVER TO STEVE LACKEY FOR FOLLOW UP.
Remark: TERRY DURAN CALLED N.R.C. 315-487-4700 MERCURY SPILLED IN DITCH WHICH EMPTYS INTO GEDDES BROOK.

**T94
SE
> 1
1.359 mi.
7178 ft.**

**ALLIED CHEMICAL DEMO SLF
MATHEWS AVE
SOLVAY, NY 13209**

**SWF/LF S103592967
N/A**

Site 4 of 13 in cluster T

**Relative:
Higher**

SWF/LF:
Flag: INACTIVE
Region Code: 7
Phone Number: Not reported
Owner Name: Honeywell
Owner Type: Private
Owner Address: MATHEWS AVE
Owner Addr2: Not reported
Owner City,St,Zip: SOLVAY, NY 13209
Owner Email: al.labuz@honeywell.com
Owner Phone: 3154314443
Contact Name: Not reported
Contact Address: Not reported
Contact Addr2: Not reported
Contact City,St,Zip: Not reported
Contact Email: Not reported
Contact Phone: Not reported
Activity Desc: Landfill - construction and demolition debris
Activity Number: 34D01
Active: No
East Coordinate: Not reported
North Coordinate: Not reported
Accuracy Code: Not reported
Regulatory Status: None
Waste Type: Construction & Demolition Debris
Authorization #: None

**Actual:
430 ft.**

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ALLIED CHEMICAL DEMO SLF (Continued)

S103592967

Authorization Date: Not reported
Expiration Date: Not reported

**T95
SE
> 1
1.359 mi.
7178 ft.**

**CITGO INC., MILTON AVE.
MILTON AVE.
SOLVAY, NY**

**NY Spills
NY Hist Spills**

**S102123419
N/A**

Site 5 of 13 in cluster T

**Relative:
Higher**

NY Spills:

**Actual:
430 ft.**

Site ID: 258819
Facility Addr2: Not reported
Facility ID: 8604609
Spill Number: 8604609
Facility Type: ER
SWIS: 3400
Investigator: UNASSIGNED
Referred To: Not reported
Spill Date: 10/20/1986
Reported to Dept: 10/20/1986
CID: Not reported
Spill Cause: Deliberate
Water Affected: Not reported
Spill Source: Gasoline Station
Spill Notifier: Citizen
Cleanup Ceased: 6/4/1987
Cleanup Meets Std: True
Last Inspection: Not reported
Recommended Penalty: Penalty Not Recommended
UST Trust: False
Spill Class: Not reported
Spill Closed Dt: 6/4/1987
Remediation Phase: 0
Date Entered In Computer: Not reported
Spill Record Last Update: 12/2/2003
Spiller Name: Not reported
Spiller Company: CITGO INC.
Spiller Address: 2355 MILTON AVE.
Spiller City,St,Zip: SOLVAY, NY
Spiller Company: 001
Contact Name: Not reported
Contact Phone: Not reported
DEC Region: 7
DER Facility ID: 162865
DEC Memo: Prior to Sept, 2004 data translation this spill Lead_DEC Field was "
" // : CITIZEN WOULD LIKE TO REMAIN ANNON. BECAUSE CITGO STATION
OWNER IS RELATIVE OF POLICE CHIEF OF SOLVAY.

Remarks:

PRODUCT RUNS INTO STORM SEWER, CITIZEN SAW EMPLOYEE DUMPING MATERIAL
(OIL) INTO STORM DRAIN. FIRE DEPT. WAS PULLING STORM DRAIN.

Material:

Site ID: 258819
Operable Unit ID: 901685
Operable Unit: 01
Material ID: 473850
Material Code: 0022
Material Name: Waste Oil/Used Oil
Case No.: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CITGO INC., MILTON AVE. (Continued)

S102123419

Material FA: Petroleum
Quantity: 0
Units: Not reported
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:

Site ID: Not reported
Spill Tank Test: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate: Not reported
Gross Fail: Not reported
Modified By: Not reported
Last Modified: Not reported
Test Method: Not reported

NY Hist Spills:

Region of Spill: 7
Spill Number: 8604609
Investigator: Not reported
Caller Name: Not reported
Caller Agency: Not reported
Caller Phone: Not reported
Notifier Name: Not reported
Notifier Agency: Not reported
Notifier Phone: Not reported
Spill Date/Time: 10/20/1986 09:00
Reported to Dept Date/Time: 10/20/86 09:00
SWIS: 31
Spiller Name: CITGO INC.
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Address: 2355 MILTON AVE.
Spiller City,St,Zip: SOLVAY, NY
Spill Cause: Deliberate
Reported to Dept: In Sewer
Water Affected: Not reported
Spill Source: 05
Spill Notifier: Citizen
PBS Number: Not reported
Cleanup Ceased: 06/04/87
Cleanup Meets Std: True
Last Inspection: / /
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Dt: / /
Enforcement Date: / /
Invstgn Complete: / /
UST Involvement: False
Spill Class: Not reported
Spill Closed Dt: 06/04/87
Corrective Action Plan Submitted: / /
Date Region Sent Summary to Central Office: / /

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CITGO INC., MILTON AVE. (Continued)

S102123419

Date Spill Entered In Computer Data File: 10/28/86
Date Spill Entered In Computer Data File: Not reported
Update Date: / /
Is Updated: False

Tank:

PBS Number: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported

Material:

Material Class Type: Petroleum
Quantity Spilled: 0
Unkonwn Quantity Spilled: False
Units: Not reported
Quantity Recovered: 0
Unkonwn Quantity Recovered: False
Material: WASTE OIL
Class Type: WASTE OIL
Times Material Entry In File: 9509
CAS Number: Not reported
Last Date: 19940927

DEC Remarks: / / : CITIZEN WOULD LIKE TO REMAIN ANNON. BECAUSE CITGO STATION OWNER IS
RELATIVE OF POLICE CHIEF OF SOLVAY.
Remark: PRODUCT RUNS INTO STORM SEWER, CITIZEN SAW EMPLOYEE DUMPING MATERIAL OIL
INTO STORM DRAIN. FIRE DEPT. WAS PULLING STORM DRAIN.

T96
SE
> 1
1.359 mi.
7178 ft.

ALLIED CHEMICAL - WILLIS AVENUE SITE
WILLIS AVENUE
SOLVAY, NY 12309
Site 6 of 13 in cluster T

SHWS S103350658
N/A

Relative:
Higher

SHWS:

Program: HW
Site Code: 58558
Classification: SIGNIFICANT THREAT TO THE PUBLIC HEALTH OR ENVIRONMENT - ACTION
REQUIRED.
Region: 7
Acres: Not reported
HW Code: 734026
Record Add: 11/18/1999 12:00:00 PM
Record Upd: 3/31/2010 8:26:00 AM
Updated By: DJHESLER

Actual:
430 ft.

Site Description: This site is located on Willis Avenue in the Town of Geddes (Onondaga County), New York. The former manufacturing buildings have been demolished. The site was used by Allied Chemical as a chemical manufacturing plant until 1977. Surrounding land uses include industrial. Interstate I690 is located immediately to the north of the site. The plant specialized in chloroalkali production and the production of chlorinated benzenes. Site operations resulted in the contamination (by various contaminants including chlorinated benzenes and mercury) of site media. An RI/FS is underway. In addition, several IRMs have been completed and/or are underway. These include an IRM to design and construct a barrier and collection system to address the flow of contaminated groundwater from the site (and the

Map ID
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ALLIED CHEMICAL - WILLIS AVENUE SITE (Continued)

S103350658

adjacent Semet Tar Beds Site) to Onondaga Lake and an IRM for the construction of a Ground Water Treatment Plant (GWTP). In addition, a NAPL collection IRM has been implemented at the lake shore. Over 40,000 gallons of dichlorobenzene NAPL have been collected and properly disposed of off-site. Construction of the GWTP was completed in February 2006. Construction of the Semet portion of the Lakeshore Barrier Wall and groundwater collection system was completed in 2007. The Willis Avenue Portion of the Lakeshore Barrier Wall and collection system is currently being constructed.

Env Problem: The primary contaminants at the site include mercury and chlorinated benzenes. Site media that have been impacted include groundwater and soil. Chlorinated benzene non-aqueous phase liquids (NAPLs) have been observed at and immediately downgradient (in the lake shore area) of the site. Contaminants in site groundwater exceed Part 703 water quality standards. Contamination in site media (including chlorinated benzenes in groundwater and the NAPLs) present a significant threat to the environment.

Health Problem: Exposures via drinking water are not expected because this area is served by a public water supply. Groundwater contamination from this site impacts Onondaga Lake. This contamination contributes to the overall public health and environmental concerns associated with Onondaga Lake. For additional information look at the health assessment for site #734030, Mercury Sediments-Onondaga Lake.

Dump: False
Structure: False
Lagoon: True
Landfill: False
Pond: False
Disp Start: early 1900
Disp Term: unknown
Lat/Long: 43:03:59:0 / 76:12:05:0
Dell: False
Record Add: 11/18/1999 12:00:00 PM
Record Upd: 11/18/1999 12:00:00 PM
Updated By: INITIAL
Own Op: Owner
Sub Type: E
Owner Name: Not reported
Owner Company: ALLIED CHEMICAL
Owner Address: Not reported
Owner Addr2: Not reported
Owner City,St,Zip: SOLVAY, NY 13209
Owner Country: United States of America
Own Op: Disp. Owner
Sub Type: NNN
Owner Name: Not reported
Owner Company: Allied Chemical
Owner Address: Not reported
Owner Addr2: Not reported
Owner City,St,Zip: ZZ
Owner Country: United States of America
Own Op: Owner
Sub Type: NNN
Owner Name: Not reported
Owner Company: Allied Signal Corporation
Owner Address: 6711 Towpath Road
Owner Addr2: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ALLIED CHEMICAL - WILLIS AVENUE SITE (Continued)

S103350658

Owner City,St,Zip: East Syracuse, NY 13057
Owner Country: United States of America
Own Op: On-Site Operator
Sub Type: NNN
Owner Name: Not reported
Owner Company: Allied Chemical
Owner Address: 6711 Towpath Road
Owner Addr2: Not reported
Owner City,St,Zip: East Syracuse, NY 13057
Owner Country: United States of America
Own Op: On-Site Operator
Sub Type: E
Owner Name: Not reported
Owner Company: ALLIED CHEMICAL
Owner Address: Not reported
Owner Addr2: Not reported
Owner City,St,Zip: SOLVAY, NY 13209
Owner Country: United States of America
HW Code: 734026
Waste Type: DICHLORO BENZENE (MIXED)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 734026
Waste Type: DIOXIN
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 734026
Waste Type: ORTHO-DICHLORO BENZENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 734026
Waste Type: 1,2,3, AND 1,2,4-TRICHLORO BENZENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 734026
Waste Type: CHLORO BENZENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 734026
Waste Type: BENZENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 734026
Waste Type: TOLUENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 734026
Waste Type: XYLENE (MIXED)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 734026
Waste Type: MERCURY
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 734026
Waste Type: NAPHTHALENE
Waste Quantity: UNKNOWN

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ALLIED CHEMICAL - WILLIS AVENUE SITE (Continued)

S103350658

Waste Code: Not reported
Crossref ID: Not reported
Cross Ref Type Code: Not reported
Cross Ref Type: Not reported
Record Added Date: Not reported
Record Updated: Not reported
Updated By: Not reported

T97
SE
> 1
1.359 mi.
7178 ft.

Relative:
Higher

Actual:
430 ft.

LCP CHEMICAL /NY INC
MATHEWS AVE
SOLVAY, NY 13209

Site 7 of 13 in cluster T

CERC-NFRAP 1000106509
CORRACTS NYD095586376
RCRA-LQG
FINDS
RAATS
MANIFEST
MANIFEST
NY Spills
NY Hist Spills

CERC-NFRAP:
Site ID: 0201656
Federal Facility: Not a Federal Facility
NPL Status: Not on the NPL
Non NPL Status: Addressed as Part of Another non-NPL Site

CERCLIS-NFRAP Site Alias Name(s):
Alias Name: LCP CHEMICAL /NY INC
Alias Address: Not reported
ONONDAGA, NY

CERCLIS-NFRAP Assessment History:
Action: DISCOVERY
Date Started: Not reported
Date Completed: 06/01/1981
Priority Level: Not reported

Action: PRELIMINARY ASSESSMENT
Date Started: Not reported
Date Completed: 12/29/1987
Priority Level: Addressed as part of an existing NPL site

Action: ARCHIVE SITE
Date Started: Not reported
Date Completed: 12/29/1987
Priority Level: Not reported

CORRACTS:

EPA ID: NYD095586376
EPA Region: 2
Area Name: SITEWIDE
Actual Date: 3/15/1992
Action: CA050 - RFA Completed
NAICS Code(s): 56291 325181 48849 48699
Remediation Services
Alkalies and Chlorine Manufacturing
Other Support Activities for Road Transportation

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LCP CHEMICAL /NY INC (Continued)

1000106509

All Other Pipeline Transportation
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: NYD095586376
EPA Region: 2
Area Name: SITEWIDE
Actual Date: 3/15/1992
Action: CA075ME - CA Prioritization, Facility or area was assigned a medium corrective action priority
NAICS Code(s): 56291 325181 48849 48699
Remediation Services
Alkalies and Chlorine Manufacturing
Other Support Activities for Road Transportation
All Other Pipeline Transportation

Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: NYD095586376
EPA Region: 2
Area Name: SITEWIDE
Actual Date: 3/26/1992
Action: CA225IN - Stabilization Measures Evaluation, This facility is not amenable to stabilization activity because of, a lack of technical data. An evaluation has been completed, but further data is necessary to determine stabilization measures, feasibility or appropriateness. This status should be changed when data becomes available
NAICS Code(s): 56291 325181 48849 48699
Remediation Services
Alkalies and Chlorine Manufacturing
Other Support Activities for Road Transportation
All Other Pipeline Transportation

Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: NYD095586376
EPA Region: 2
Area Name: SITEWIDE
Actual Date: 5/20/1992
Action: CA070YE - RFA Determination Of Need For An RFI, RFI is Necessary
NAICS Code(s): 56291 325181 48849 48699
Remediation Services
Alkalies and Chlorine Manufacturing
Other Support Activities for Road Transportation
All Other Pipeline Transportation

Original schedule date: 05/15/1992
Schedule end date: Not reported

EPA ID: NYD095586376
EPA Region: 2
Area Name: SITEWIDE
Actual Date: 5/20/1992
Action: CA100 - RFI Imposition
NAICS Code(s): 56291 325181 48849 48699
Remediation Services
Alkalies and Chlorine Manufacturing
Other Support Activities for Road Transportation

Map ID
Direction
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LCP CHEMICAL /NY INC (Continued)

1000106509

All Other Pipeline Transportation
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: NYD095586376
EPA Region: 2
Area Name: SITEWIDE
Actual Date: 6/15/1993
Action: CA210SF - CA Responsibility Referred To A Non-RCRA Federal Authority, Corrective Action at the facility or area referred to CERCLA
NAICS Code(s): 56291 325181 48849 48699
Remediation Services
Alkalies and Chlorine Manufacturing
Other Support Activities for Road Transportation
All Other Pipeline Transportation

Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: NYD095586376
EPA Region: 2
Area Name: SITEWIDE
Actual Date: 9/15/1995
Action: CA150 - RFI Workplan Approved
NAICS Code(s): 56291 325181 48849 48699
Remediation Services
Alkalies and Chlorine Manufacturing
Other Support Activities for Road Transportation
All Other Pipeline Transportation

Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: NYD095586376
EPA Region: 2
Area Name: SITEWIDE
Actual Date: 12/29/1987
Action: CA050PA - RFA Completed, Assessment was a PA-Plus
NAICS Code(s): 56291 325181 48849 48699
Remediation Services
Alkalies and Chlorine Manufacturing
Other Support Activities for Road Transportation
All Other Pipeline Transportation

Original schedule date: Not reported
Schedule end date: Not reported

RCRA-LQG:

Date form received by agency: 01/01/2007
Facility name: LCP CHEMICALS, INC. (NY)
Facility address: MATHEWS AVENUE
SOLVAY, NY 13209
EPA ID: NYD095586376
Mailing address: BRITTONFIELD PARKWAY, SUITE 70
0
EAST SYRACUSE, NY 13057
Contact: ALFRED J LABUZ
Contact address: Not reported
Not reported
Contact country: US

Map ID
Direction
Distance
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LCP CHEMICAL /NY INC (Continued)

1000106509

Contact telephone: (315) 441-4443
Telephone ext.: LABUZ
Contact email: AL.LABUZ@HONEYWELL.COM
EPA Region: 02
Land type: Private
Classification: Large Quantity Generator
Description: Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

Owner/Operator Summary:

Owner/operator name: NO NAME FOUND
Owner/operator address: BANKRUPT OWNER
Not reported
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 12/11/1979
Owner/Op end date: Not reported

Owner/operator name: LCP CHEMICALS-NY INC
Owner/operator address: PO BOX 98
SOLVAY, NY 13209
Owner/operator country: US
Owner/operator telephone: (315) 487-4700
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: Unknown
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Map ID
Direction
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LCP CHEMICAL /NY INC (Continued)

1000106509

Off-site waste receiver: Commercial status unknown

Historical Generators:

Date form received by agency: 02/28/2006
Facility name: LCP CHEMICALS, INC. (NY)
Classification: Large Quantity Generator

Date form received by agency: 02/27/2006
Facility name: LCP CHEMICALS, INC. (NY)
Classification: Large Quantity Generator

Date form received by agency: 06/24/2002
Facility name: LCP CHEMICALS, INC. (NY)
Site name: LCP CHEMICALS
Classification: Large Quantity Generator

Date form received by agency: 01/01/2001
Facility name: LCP CHEMICALS, INC. (NY)
Site name: NYSDEC/LCP CHEMICALS
Classification: Large Quantity Generator

Date form received by agency: 07/08/1999
Facility name: LCP CHEMICALS, INC. (NY)
Site name: L C P CHEMICALS
Classification: Not a generator, verified

Date form received by agency: 03/22/1996
Facility name: LCP CHEMICALS, INC. (NY)
Site name: LCP CHEMICALS
Classification: Large Quantity Generator

Date form received by agency: 10/01/1993
Facility name: LCP CHEMICALS, INC. (NY)
Site name: L C P CHEMICALS
Classification: Large Quantity Generator

Date form received by agency: 02/19/1992
Facility name: LCP CHEMICALS, INC. (NY)
Site name: LCP CHEMICALS-NEW YORK
Classification: Large Quantity Generator

Date form received by agency: 03/01/1990
Facility name: LCP CHEMICALS, INC. (NY)
Site name: LCP CHEMICALS COMPANY
Classification: Large Quantity Generator

Date form received by agency: 11/19/1980
Facility name: LCP CHEMICALS, INC. (NY)
Site name: L C P CHEMICALS
Classification: Not a generator, verified

Date form received by agency: 08/18/1980
Facility name: LCP CHEMICALS, INC. (NY)
Site name: L C P CHEMICALS
Classification: Large Quantity Generator

Map ID
Direction
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LCP CHEMICAL /NY INC (Continued)

1000106509

Corrective Action Summary:

Event date: 12/29/1987
Event: RFA Completed, Assessment was a PA-Plus.

Event date: 03/15/1992
Event: RFA Completed

Event date: 03/15/1992
Event: CA Prioritization, Facility or area was assigned a medium corrective action priority.

Event date: 03/26/1992
Event: Stabilization Measures Evaluation, This facility is not amenable to stabilization activity because of a lack of technical data. An evaluation has been completed, but further data is necessary to determine stabilization measures, feasibility or appropriateness. This status should be changed when data becomes available.

Event date: 05/20/1992
Event: RFA Determination Of Need For An RFI, RFI is Necessary;

Event date: 05/20/1992
Event: RFI Imposition

Event date: 06/15/1993
Event: CA Responsibility Referred To A Non-RCRA Federal Authority, Corrective Action at the facility or area referred to CERCLA.

Event date: 09/15/1995
Event: RFI Workplan Approved

Facility Has Received Notices of Violations:

Regulation violated: Not reported
Area of violation: TSD IS-Ground-Water Monitoring
Date violation determined: 03/13/1987
Date achieved compliance: 03/09/1987
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 02/25/1987
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD IS-Ground-Water Monitoring
Date violation determined: 10/09/1986
Date achieved compliance: 03/09/1987
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 02/25/1987
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LCP CHEMICAL /NY INC (Continued)

1000106509

Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD IS-Ground-Water Monitoring
Date violation determined: 08/20/1985
Date achieved compliance: 12/16/1987
Violation lead agency: State
Enforcement action: INITIAL 3008(A) COMPLIANCE
Enforcement action date: 09/20/1985
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 50000
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - Closure/Post-Closure
Date violation determined: 08/20/1985
Date achieved compliance: 12/16/1987
Violation lead agency: State
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement action date: 05/28/1986
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD IS-Ground-Water Monitoring
Date violation determined: 08/20/1985
Date achieved compliance: 12/16/1987
Violation lead agency: State
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement action date: 05/28/1986
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD IS-Ground-Water Monitoring
Date violation determined: 05/30/1985
Date achieved compliance: 12/16/1987
Violation lead agency: State
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement action date: 05/28/1986
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported

Map ID
Direction
Distance
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LCP CHEMICAL /NY INC (Continued)

1000106509

Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD IS-Ground-Water Monitoring
Date violation determined: 05/30/1985
Date achieved compliance: 12/16/1987
Violation lead agency: State
Enforcement action: INITIAL 3008(A) COMPLIANCE
Enforcement action date: 09/20/1985
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 50000
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - General
Date violation determined: 09/14/1982
Date achieved compliance: 06/15/1983
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - Closure/Post-Closure
Date violation determined: 09/14/1982
Date achieved compliance: 06/15/1983
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:
Evaluation date: 07/06/1994
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 10/06/1992
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LCP CHEMICAL /NY INC (Continued)

1000106509

Evaluation date: 09/26/1991
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 09/07/1990
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 09/06/1989
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 07/13/1988
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 06/25/1987
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 03/13/1987
Evaluation: NON-FINANCIAL RECORD REVIEW
Area of violation: TSD IS-Ground-Water Monitoring
Date achieved compliance: 03/09/1987
Evaluation lead agency: State

Evaluation date: 10/09/1986
Evaluation: NON-FINANCIAL RECORD REVIEW
Area of violation: TSD IS-Ground-Water Monitoring
Date achieved compliance: 03/09/1987
Evaluation lead agency: State

Evaluation date: 09/03/1986
Evaluation: NON-FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 08/10/1986
Evaluation: NON-FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 06/24/1986
Evaluation: FOCUSED COMPLIANCE INSPECTION
Area of violation: Not reported

Map ID
Direction
Distance
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LCP CHEMICAL /NY INC (Continued)

1000106509

Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 06/18/1986
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 06/18/1986
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: EPA-Initiated Oversight/Observation/Training Actions

Evaluation date: 05/28/1986
Evaluation: COMPLIANCE SCHEDULE EVALUATION
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 04/07/1986
Evaluation: NON-FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 03/20/1986
Evaluation: NON-FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 08/20/1985
Evaluation: NON-FINANCIAL RECORD REVIEW
Area of violation: TSD - Closure/Post-Closure
Date achieved compliance: 12/16/1987
Evaluation lead agency: State

Evaluation date: 08/20/1985
Evaluation: NON-FINANCIAL RECORD REVIEW
Area of violation: TSD IS-Ground-Water Monitoring
Date achieved compliance: 12/16/1987
Evaluation lead agency: State

Evaluation date: 05/30/1985
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD IS-Ground-Water Monitoring
Date achieved compliance: 12/16/1987
Evaluation lead agency: State

Evaluation date: 07/11/1984
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

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LCP CHEMICAL /NY INC (Continued)

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Evaluation date: 06/22/1984
Evaluation: FOCUSED COMPLIANCE INSPECTION
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 06/13/1983
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 09/14/1982
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 06/15/1983
Evaluation lead agency: State

Evaluation date: 09/14/1982
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - Closure/Post-Closure
Date achieved compliance: 06/15/1983
Evaluation lead agency: State

FINDS:

Registry ID: 110001469544

Environmental Interest/Information System

AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.

US EPA TRIS (Toxics Release Inventory System) contains information from facilities on the amounts of over 300 listed toxic chemicals that these facilities release directly to air, water, land, or that are transported off-site.

US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport,

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LCP CHEMICAL /NY INC (Continued)

1000106509

and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and it Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

NY MANIFEST:

EPA ID: NYD095586376
Country: USA
Mailing Name: NYSDEC/LCP CHEMICALS CO
Mailing Contact: N/S
Mailing Address: 5000 BRITTONFIELD PKWY STE 700
Mailing Address 2: Not reported
Mailing City: EAST SYRACUSE
Mailing State: NY
Mailing Zip: 13057
Mailing Zip4: Not reported
Mailing Country: USA
Mailing Phone: 315-431-4443

Document ID: NYA2359764
Manifest Status: Completed copy
Trans1 State ID: NYU52915
Trans2 State ID: Not reported
Generator Ship Date: 860512
Trans1 Recv Date: 860512
Trans2 Recv Date: Not reported
TSD Site Recv Date: 860512
Part A Recv Date: 860514
Part B Recv Date: 860516
Generator EPA ID: NYD095586376
Trans1 EPA ID: NYD080336241
Trans2 EPA ID: Not reported
TSDF ID: NYD080336241
Waste Code: K106 - UNKNOWN
Quantity: 00016
Units: Y - Cubic yards* (.85 tons)
Number of Containers: 058
Container Type: DM - Metal drums, barrels
Handling Method: L Landfill.
Specific Gravity: 100
Waste Code: Not reported

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EDR ID Number
EPA ID Number

LCP CHEMICAL /NY INC (Continued)

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Quantity: 00004
Units: Y - Cubic yards* (.85 tons)
Number of Containers: 012
Container Type: DM - Metal drums, barrels
Handling Method: L Landfill.
Specific Gravity: 100
Waste Code: Not reported
Quantity: 00001
Units: Y - Cubic yards* (.85 tons)
Number of Containers: 003
Container Type: DM - Metal drums, barrels
Handling Method: L Landfill.
Specific Gravity: 100
Year: 86

Document ID: NYA2617929
Manifest Status: Completed copy
Trans1 State ID: NYS-62739
Trans2 State ID: Not reported
Generator Ship Date: 860410
Trans1 Recv Date: 860410
Trans2 Recv Date: Not reported
TSD Site Recv Date: 860410
Part A Recv Date: 860414
Part B Recv Date: 860417
Generator EPA ID: NYD095586376
Trans1 EPA ID: NYD097644801
Trans2 EPA ID: Not reported
TSDF ID: NYD080336241
Waste Code: K106 - UNKNOWN
Quantity: 00005
Units: Y - Cubic yards* (.85 tons)
Number of Containers: 018
Container Type: DM - Metal drums, barrels
Handling Method: L Landfill.
Specific Gravity: 100
Waste Code: Not reported
Quantity: 00017
Units: Y - Cubic yards* (.85 tons)
Number of Containers: 062
Container Type: DM - Metal drums, barrels
Handling Method: L Landfill.
Specific Gravity: 100
Year: 86

Document ID: NYA3109386
Manifest Status: Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID: IL009
Trans2 State ID: Not reported
Generator Ship Date: 861114
Trans1 Recv Date: 861114
Trans2 Recv Date: Not reported
TSD Site Recv Date: 861114
Part A Recv Date: 861216
Part B Recv Date: 861120

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LCP CHEMICAL /NY INC (Continued)

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Generator EPA ID: NYD095586376
Trans1 EPA ID: ILD000805911
Trans2 EPA ID: Not reported
TSDF ID: NYD000824581
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00080
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100
Year: 86

Document ID: NYA3914144
Manifest Status: Completed copy
Trans1 State ID: IL009
Trans2 State ID: Not reported
Generator Ship Date: 861218
Trans1 Recv Date: 861218
Trans2 Recv Date: Not reported
TSD Site Recv Date: 861218
Part A Recv Date: 861226
Part B Recv Date: 861226
Generator EPA ID: NYD095586376
Trans1 EPA ID: ILD000805911
Trans2 EPA ID: Not reported
TSDF ID: NYD000824581
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00080
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100
Year: 86

Document ID: NYA2364102
Manifest Status: Completed copy
Trans1 State ID: 9A090
Trans2 State ID: 9A090
Generator Ship Date: 861222
Trans1 Recv Date: 861222
Trans2 Recv Date: Not reported
TSD Site Recv Date: 861223
Part A Recv Date: 870105
Part B Recv Date: 870105
Generator EPA ID: NYD095586376
Trans1 EPA ID: NYD080336241
Trans2 EPA ID: Not reported
TSDF ID: OHD087433744
Waste Code: K106 - UNKNOWN
Quantity: 00002
Units: Y - Cubic yards* (.85 tons)
Number of Containers: 008
Container Type: DM - Metal drums, barrels

Map ID
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Database(s)

EDR ID Number
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LCP CHEMICAL /NY INC (Continued)

1000106509

Handling Method: L Landfill.
Specific Gravity: 100
Waste Code: Not reported
Quantity: 00018
Units: Y - Cubic yards* (.85 tons)
Number of Containers: 072
Container Type: DM - Metal drums, barrels
Handling Method: L Landfill.
Specific Gravity: 100
Year: 86

Document ID: NYA6642584
Manifest Status: Completed copy
Trans1 State ID: NY94390GT
Trans2 State ID: Not reported
Generator Ship Date: 870424
Trans1 Recv Date: 870424
Trans2 Recv Date: Not reported
TSD Site Recv Date: 870424
Part A Recv Date: 870430
Part B Recv Date: 870430
Generator EPA ID: NYD095586376
Trans1 EPA ID: ILD000805911
Trans2 EPA ID: Not reported
TSD ID: NYD000824581
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00080
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100
Year: 87

Document ID: NYA2617875
Manifest Status: Completed copy
Trans1 State ID: NYU-52915
Trans2 State ID: Not reported
Generator Ship Date: 860423
Trans1 Recv Date: 860423
Trans2 Recv Date: Not reported
TSD Site Recv Date: 860423
Part A Recv Date: 860428
Part B Recv Date: 860428
Generator EPA ID: NYD095586376
Trans1 EPA ID: NYD080336241
Trans2 EPA ID: Not reported
TSD ID: NYD080336241
Waste Code: K106 - UNKNOWN
Quantity: 00016
Units: Y - Cubic yards* (.85 tons)
Number of Containers: 016
Container Type: CF - Fiber or plastic boxes, cartons
Handling Method: L Landfill.
Specific Gravity: 100

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EDR ID Number
EPA ID Number

LCP CHEMICAL /NY INC (Continued)

1000106509

Waste Code: Not reported
Quantity: 00004
Units: Y - Cubic yards* (.85 tons)
Number of Containers: 014
Container Type: DM - Metal drums, barrels
Handling Method: L Landfill.
Specific Gravity: 100
Year: 86

Document ID: NYA2359755
Manifest Status: Completed copy
Trans1 State ID: NYU52915
Trans2 State ID: Not reported
Generator Ship Date: 860619
Trans1 Recv Date: 860619
Trans2 Recv Date: Not reported
TSD Site Recv Date: 860619
Part A Recv Date: 860624
Part B Recv Date: 860624
Generator EPA ID: NYD095586376
Trans1 EPA ID: NYD080336241
Trans2 EPA ID: Not reported
TSD ID: NYD080336241
Waste Code: K106 - UNKNOWN
Quantity: 00017
Units: Y - Cubic yards* (.85 tons)
Number of Containers: 061
Container Type: DM - Metal drums, barrels
Handling Method: L Landfill.
Specific Gravity: 100
Year: 86

Document ID: NYA6610498
Manifest Status: Completed copy
Trans1 State ID: NY94390GT
Trans2 State ID: Not reported
Generator Ship Date: 870305
Trans1 Recv Date: 870305
Trans2 Recv Date: Not reported
TSD Site Recv Date: 870305
Part A Recv Date: 870317
Part B Recv Date: 870317
Generator EPA ID: NYD095586376
Trans1 EPA ID: ILD000805911
Trans2 EPA ID: Not reported
TSD ID: NYD000824581
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00080
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100
Year: 87

Map ID
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Database(s)

EDR ID Number
EPA ID Number

LCP CHEMICAL /NY INC (Continued)

1000106509

Document ID: NYA3214822
Manifest Status: Completed copy
Trans1 State ID: X21063
Trans2 State ID: Not reported
Generator Ship Date: 870630
Trans1 Recv Date: 870630
Trans2 Recv Date: Not reported
TSD Site Recv Date: 870701
Part A Recv Date: 870702
Part B Recv Date: 870713
Generator EPA ID: NYD095586376
Trans1 EPA ID: NYD980769947
Trans2 EPA ID: Not reported
TSD ID: PAD981113749
Waste Code: B001 - PCB OIL (CONC) FROM TRANS, CAP, ETC
Quantity: 09000
Units: P - Pounds
Number of Containers: 056
Container Type: DM - Metal drums, barrels
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 100
Waste Code: Not reported
Quantity: 05000
Units: P - Pounds
Number of Containers: 009
Container Type: DM - Metal drums, barrels
Handling Method: L Landfill.
Specific Gravity: 100
Waste Code: Not reported
Quantity: 00580
Units: P - Pounds
Number of Containers: 017
Container Type: CW - Wooden boxes
Handling Method: L Landfill.
Specific Gravity: 100
Waste Code: Not reported
Quantity: 01000
Units: P - Pounds
Number of Containers: 003
Container Type: TP - Tanks, portable
Handling Method: L Landfill.
Specific Gravity: 100
Year: 87

Document ID: MIA9457668
Manifest Status: Not reported
Trans1 State ID: NYD980769947
Trans2 State ID: Not reported
Generator Ship Date: 03/16/2001
Trans1 Recv Date: 03/16/2001
Trans2 Recv Date: Not reported
TSD Site Recv Date: 03/19/2001
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD095586376
Trans1 EPA ID: MID000724831

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LCP CHEMICAL /NY INC (Continued)

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Trans2 EPA ID: Not reported
TSDF ID: 10393PNY
Waste Code: D009 - MERCURY 0.2 MG/L TCLP
Quantity: 00015
Units: Y - Cubic yards* (.85 tons)
Number of Containers: 001
Container Type: CM - Metal boxes, cases, roll-offs
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 01.00
Year: 01

Document ID: MNA2105770
Manifest Status: Not reported
Trans1 State ID: NJD080631369
Trans2 State ID: WID988566543
Generator Ship Date: 05/22/2001
Trans1 Recv Date: 05/22/2001
Trans2 Recv Date: 05/30/2001
TSD Site Recv Date: 06/01/2001
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD095586376
Trans1 EPA ID: MN0000903468
Trans2 EPA ID: Not reported
TSDF ID: Not reported
Waste Code: D009 - MERCURY 0.2 MG/L TCLP
Quantity: 04200
Units: P - Pounds
Number of Containers: 006
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 01.00
Year: 01

Document ID: MIA8457803
Manifest Status: Not reported
Trans1 State ID: NYD980769947
Trans2 State ID: Not reported
Generator Ship Date: 03/21/2001
Trans1 Recv Date: 03/21/2001
Trans2 Recv Date: Not reported
TSD Site Recv Date: 03/22/2001
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD095586376
Trans1 EPA ID: MID000724831
Trans2 EPA ID: Not reported
TSDF ID: 15046PNY
Waste Code: D009 - MERCURY 0.2 MG/L TCLP
Quantity: 00035
Units: Y - Cubic yards* (.85 tons)
Number of Containers: 001
Container Type: DT - Dump trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 01.00

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EDR ID Number
EPA ID Number

LCP CHEMICAL /NY INC (Continued)

1000106509

Year: 01

Document ID: MIA8457804
Manifest Status: Not reported
Trans1 State ID: NYD980769947
Trans2 State ID: Not reported
Generator Ship Date: 03/21/2001
Trans1 Recv Date: 03/21/2001
Trans2 Recv Date: Not reported
TSD Site Recv Date: 03/23/2001
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD095586376
Trans1 EPA ID: MID000724831
Trans2 EPA ID: Not reported
TSD ID: 15045PNY
Waste Code: D009 - MERCURY 0.2 MG/L TCLP
Quantity: 00035
Units: Y - Cubic yards* (.85 tons)
Number of Containers: 001
Container Type: DT - Dump trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 01.00
Year: 01

Document ID: MIA8457805
Manifest Status: Not reported
Trans1 State ID: NYD980769947
Trans2 State ID: Not reported
Generator Ship Date: 03/21/2001
Trans1 Recv Date: 03/21/2001
Trans2 Recv Date: Not reported
TSD Site Recv Date: 03/22/2001
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD095586376
Trans1 EPA ID: MID000724831
Trans2 EPA ID: Not reported
TSD ID: 13035PNY
Waste Code: D009 - MERCURY 0.2 MG/L TCLP
Quantity: 00015
Units: Y - Cubic yards* (.85 tons)
Number of Containers: 001
Container Type: CM - Metal boxes, cases, roll-offs
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 01.00
Year: 01

Document ID: MIA8457806
Manifest Status: Not reported
Trans1 State ID: NYD980769947
Trans2 State ID: Not reported
Generator Ship Date: 03/21/2001
Trans1 Recv Date: 03/21/2001

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EPA ID Number

LCP CHEMICAL /NY INC (Continued)

1000106509

Trans2 Recv Date: Not reported
TSD Site Recv Date: 03/22/2001
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD095586376
Trans1 EPA ID: MID000724831
Trans2 EPA ID: Not reported
TSD ID: 15042P
Waste Code: D009 - MERCURY 0.2 MG/L TCLP
Quantity: 00035
Units: Y - Cubic yards* (.85 tons)
Number of Containers: 001
Container Type: DT - Dump trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 01.00
Year: 01

Document ID: MIA8457807
Manifest Status: Not reported
Trans1 State ID: NYD980769947
Trans2 State ID: Not reported
Generator Ship Date: 03/21/2001
Trans1 Recv Date: 03/21/2001
Trans2 Recv Date: Not reported
TSD Site Recv Date: 03/22/2001
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD095586376
Trans1 EPA ID: MID000724831
Trans2 EPA ID: Not reported
TSD ID: 15043PNY
Waste Code: D009 - MERCURY 0.2 MG/L TCLP
Quantity: 00035
Units: Y - Cubic yards* (.85 tons)
Number of Containers: 001
Container Type: DT - Dump trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 01.00
Year: 01

Document ID: MIA8457808
Manifest Status: Not reported
Trans1 State ID: NYD980769947
Trans2 State ID: Not reported
Generator Ship Date: 03/21/2001
Trans1 Recv Date: 03/21/2001
Trans2 Recv Date: Not reported
TSD Site Recv Date: 03/22/2001
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD095586376
Trans1 EPA ID: MID000724831
Trans2 EPA ID: Not reported
TSD ID: 15214PNY
Waste Code: D009 - MERCURY 0.2 MG/L TCLP

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Database(s)

EDR ID Number
EPA ID Number

LCP CHEMICAL /NY INC (Continued)

1000106509

Quantity: 00015
Units: Y - Cubic yards* (.85 tons)
Number of Containers: 001
Container Type: CM - Metal boxes, cases, roll-offs
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 01.00
Year: 01

Document ID: MIA8457809
Manifest Status: Not reported
Trans1 State ID: NYD980769947
Trans2 State ID: Not reported
Generator Ship Date: 03/22/2001
Trans1 Recv Date: 03/22/2001
Trans2 Recv Date: Not reported
TSD Site Recv Date: 03/23/2001
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD095586376
Trans1 EPA ID: MID000724831
Trans2 EPA ID: Not reported
TSD ID: 15214PNY
Waste Code: D009 - MERCURY 0.2 MG/L TCLP
Quantity: 00015
Units: Y - Cubic yards* (.85 tons)
Number of Containers: 001
Container Type: CM - Metal boxes, cases, roll-offs
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 01.00
Year: 01

Document ID: MIA8457810
Manifest Status: Not reported
Trans1 State ID: NYD980769947
Trans2 State ID: Not reported
Generator Ship Date: 03/22/2001
Trans1 Recv Date: 03/22/2001
Trans2 Recv Date: Not reported
TSD Site Recv Date: 03/23/2001
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD095586376
Trans1 EPA ID: MID000724831
Trans2 EPA ID: Not reported
TSD ID: 13035PNY
Waste Code: D009 - MERCURY 0.2 MG/L TCLP
Quantity: 00015
Units: Y - Cubic yards* (.85 tons)
Number of Containers: 001
Container Type: CM - Metal boxes, cases, roll-offs
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 01.00
Year: 01

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MAP FINDINGS

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Database(s)

EDR ID Number
EPA ID Number

LCP CHEMICAL /NY INC (Continued)

1000106509

[Click this hyperlink](#) while viewing on your computer to access 502 additional NY_MANIFEST: record(s) in the EDR Site Report.

NJ MANIFEST:

Manifest Code: NJA5233115
EPA ID: NYD095586376
Date Shipped: 20050105
TSDf EPA ID: NJD002385730
Transporter EPA ID: NJD000692061
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: 050105
Date Trans2 Transported Waste: 000000
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDf Received Waste: 050105
Tranporter 1 Decal: Not reported
Tranporter 2 Decal: Not reported
Data Entry Number: 03220521
Reference Manifest Number: Not reported
Was Load Rejected (Y/N): No
Reason Load Was Rejected: Not reported
Waste Code: Not reported
Manifest Year: Not reported
Quantity: Not reported
Unit: Not reported
Hand Code: Not reported

Manifest Code: NJA5233116
EPA ID: NYD095586376
Date Shipped: 20050105
TSDf EPA ID: NJD002385730
Transporter EPA ID: NJD000692061
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: 050105

Map ID
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Elevation

MAP FINDINGS

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Database(s)

EDR ID Number
EPA ID Number

LCP CHEMICAL /NY INC (Continued)

1000106509

Date Trans2 Transported Waste: 000000
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: 050105
Tranporter 1 Decal: Not reported
Tranporter 2 Decal: Not reported
Data Entry Number: 03220521
Reference Manifest Number: Not reported
Was Load Rejected (Y/N): No
Reason Load Was Rejected: Not reported
Waste Code: Not reported
Manifest Year: Not reported
Quantity: Not reported
Unit: Not reported
Hand Code: Not reported

Manifest Code: NJA5233120
EPA ID: NYD095586376
Date Shipped: 20050103
TSDF EPA ID: NJD002385730
Transporter EPA ID: NYD980769947
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: 050103
Date Trans2 Transported Waste: 000000
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: 050103
Tranporter 1 Decal: Not reported
Tranporter 2 Decal: Not reported
Data Entry Number: 03040521
Reference Manifest Number: Not reported
Was Load Rejected (Y/N): No
Reason Load Was Rejected: Not reported
Waste Code: Not reported
Manifest Year: Not reported
Quantity: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LCP CHEMICAL /NY INC (Continued)

1000106509

Unit: Not reported
Hand Code: Not reported

Manifest Code: NJA5233123
EPA ID: NYD095586376
Date Shipped: 20050104
TSDf EPA ID: NJD002385730
Transporter EPA ID: NJD000692061
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: 050104
Date Trans2 Transported Waste: 000000
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDf Received Waste: 050104
Transporter 1 Decal: Not reported
Transporter 2 Decal: Not reported
Data Entry Number: 03220521
Reference Manifest Number: Not reported
Was Load Rejected (Y/N): No
Reason Load Was Rejected: Not reported
Waste Code: Not reported
Manifest Year: Not reported
Quantity: Not reported
Unit: Not reported
Hand Code: Not reported

Manifest Code: NJA5262060
EPA ID: NYD095586376
Date Shipped: 20051130
TSDf EPA ID: NJD002385730
Transporter EPA ID: NYD980769947
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: 051130

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LCP CHEMICAL /NY INC (Continued)

1000106509

Date Trans2 Transported Waste: 000000
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: 051130
Tranporter 1 Decal: Not reported
Tranporter 2 Decal: Not reported
Data Entry Number: 02140622
Reference Manifest Number: Not reported
Was Load Rejected (Y/N): No
Reason Load Was Rejected: Not reported
Waste Code: Not reported
Manifest Year: Not reported
Quantity: Not reported
Unit: Not reported
Hand Code: Not reported

Manifest Code: NJA5233111
EPA ID: NYD095586376
Date Shipped: 20050112
TSDF EPA ID: NJD002385730
Transporter EPA ID: NJD000692061
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: 050112
Date Trans2 Transported Waste: 000000
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: 050112
Tranporter 1 Decal: Not reported
Tranporter 2 Decal: Not reported
Data Entry Number: 03160522
Reference Manifest Number: Not reported
Was Load Rejected (Y/N): No
Reason Load Was Rejected: Not reported
Waste Code: Not reported
Manifest Year: Not reported
Quantity: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LCP CHEMICAL /NY INC (Continued)

1000106509

Unit: Not reported
Hand Code: Not reported

Manifest Code: NJA5229216
EPA ID: NYD095586376
Date Shipped: 20050113
TSDf EPA ID: NJD002385730
Transporter EPA ID: NJD000692061
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: 050113
Date Trans2 Transported Waste: 000000
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDf Received Waste: 050113
Transporter 1 Decal: Not reported
Transporter 2 Decal: Not reported
Data Entry Number: 02070521
Reference Manifest Number: Not reported
Was Load Rejected (Y/N): No
Reason Load Was Rejected: Not reported
Waste Code: Not reported
Manifest Year: Not reported
Quantity: Not reported
Unit: Not reported
Hand Code: Not reported

Manifest Code: NJA5233110
EPA ID: NYD095586376
Date Shipped: 20050112
TSDf EPA ID: NJD002385730
Transporter EPA ID: NJD000692061
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: 050112

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LCP CHEMICAL /NY INC (Continued)

1000106509

Date Trans2 Transported Waste: 000000
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: 050112
Tranporter 1 Decal: Not reported
Tranporter 2 Decal: Not reported
Data Entry Number: 03160522
Reference Manifest Number: Not reported
Was Load Rejected (Y/N): No
Reason Load Was Rejected: Not reported
Waste Code: Not reported
Manifest Year: Not reported
Quantity: Not reported
Unit: Not reported
Hand Code: Not reported

Manifest Code: NJA5233108
EPA ID: NYD095586376
Date Shipped: 20050111
TSDF EPA ID: NJD002385730
Transporter EPA ID: NJD000692061
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: 050111
Date Trans2 Transported Waste: 000000
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: 050111
Tranporter 1 Decal: Not reported
Tranporter 2 Decal: Not reported
Data Entry Number: 03150521
Reference Manifest Number: Not reported
Was Load Rejected (Y/N): No
Reason Load Was Rejected: Not reported
Waste Code: Not reported
Manifest Year: Not reported
Quantity: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LCP CHEMICAL /NY INC (Continued)

1000106509

Unit: Not reported
Hand Code: Not reported

Manifest Code: NJA5233109
EPA ID: NYD095586376
Date Shipped: 20050111
TSDf EPA ID: NJD002385730
Transporter EPA ID: NJD000692061
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: 050111
Date Trans2 Transported Waste: 000000
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDf Received Waste: 050111
Transporter 1 Decal: Not reported
Transporter 2 Decal: Not reported
Data Entry Number: 03160522
Reference Manifest Number: Not reported
Was Load Rejected (Y/N): No
Reason Load Was Rejected: Not reported
Waste Code: Not reported
Manifest Year: Not reported
Quantity: Not reported
Unit: Not reported
Hand Code: Not reported

Manifest Code: NJA5233118
EPA ID: NYD095586376
Date Shipped: 20050103
TSDf EPA ID: NJD002385730
Transporter EPA ID: NYD980769947
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: 050103

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LCP CHEMICAL /NY INC (Continued)

1000106509

Date Trans2 Transported Waste: 000000
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: 050103
Tranporter 1 Decal: Not reported
Tranporter 2 Decal: Not reported
Data Entry Number: 03040521
Reference Manifest Number: Not reported
Was Load Rejected (Y/N): No
Reason Load Was Rejected: Not reported
Waste Code: Not reported
Manifest Year: Not reported
Quantity: Not reported
Unit: Not reported
Hand Code: Not reported

Manifest Code: NJA5262064
EPA ID: NYD095586376
Date Shipped: 20051209
TSDF EPA ID: NJD002385730
Transporter EPA ID: NYD980769947
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: 051209
Date Trans2 Transported Waste: 000000
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: 051209
Tranporter 1 Decal: Not reported
Tranporter 2 Decal: Not reported
Data Entry Number: 02220622
Reference Manifest Number: Not reported
Was Load Rejected (Y/N): No
Reason Load Was Rejected: Not reported
Waste Code: Not reported
Manifest Year: Not reported
Quantity: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LCP CHEMICAL /NY INC (Continued)

1000106509

Unit: Not reported
Hand Code: Not reported

Manifest Code: NJA5233112
EPA ID: NYD095586376
Date Shipped: 20050114
TSDf EPA ID: NJD002385730
Transporter EPA ID: NJD000692061
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: 050114
Date Trans2 Transported Waste: 000000
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDf Received Waste: 050114
Transporter 1 Decal: Not reported
Transporter 2 Decal: Not reported
Data Entry Number: 02080522
Reference Manifest Number: Not reported
Was Load Rejected (Y/N): No
Reason Load Was Rejected: Not reported
Waste Code: Not reported
Manifest Year: Not reported
Quantity: Not reported
Unit: Not reported
Hand Code: Not reported

Manifest Code: NJA4098500
EPA ID: NYD095586376
Date Shipped: 20050104
TSDf EPA ID: NJD002385730
Transporter EPA ID: NJD000692061
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: 050104

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LCP CHEMICAL /NY INC (Continued)

1000106509

Date Trans2 Transported Waste: 000000
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: 050104
Tranporter 1 Decal: Not reported
Tranporter 2 Decal: Not reported
Data Entry Number: 03220521
Reference Manifest Number: Not reported
Was Load Rejected (Y/N): No
Reason Load Was Rejected: Not reported
Waste Code: Not reported
Manifest Year: Not reported
Quantity: Not reported
Unit: Not reported
Hand Code: Not reported

Manifest Code: NJA5233113
EPA ID: NYD095586376
Date Shipped: 20050105
TSDF EPA ID: NJD002385730
Transporter EPA ID: NYD980769947
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: 050105
Date Trans2 Transported Waste: 000000
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: 050105
Tranporter 1 Decal: Not reported
Tranporter 2 Decal: Not reported
Data Entry Number: 03220521
Reference Manifest Number: Not reported
Was Load Rejected (Y/N): No
Reason Load Was Rejected: Not reported
Waste Code: Not reported
Manifest Year: Not reported
Quantity: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LCP CHEMICAL /NY INC (Continued)

1000106509

Unit: Not reported
Hand Code: Not reported

Manifest Code: NJA5229217
EPA ID: NYD095586376
Date Shipped: 20050113
TSDf EPA ID: NJD002385730
Transporter EPA ID: NJD000692061
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: 050113
Date Trans2 Transported Waste: 000000
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDf Received Waste: 050113
Transporter 1 Decal: Not reported
Transporter 2 Decal: Not reported
Data Entry Number: 02070521
Reference Manifest Number: Not reported
Was Load Rejected (Y/N): No
Reason Load Was Rejected: Not reported
Waste Code: Not reported
Manifest Year: Not reported
Quantity: Not reported
Unit: Not reported
Hand Code: Not reported

Manifest Code: NJA5233114
EPA ID: NYD095586376
Date Shipped: 20050105
TSDf EPA ID: NJD002385730
Transporter EPA ID: NYD980769947
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: 050105

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LCP CHEMICAL /NY INC (Continued)

1000106509

Date Trans2 Transported Waste: 000000
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDf Received Waste: 050105
Tranporter 1 Decal: Not reported
Tranporter 2 Decal: Not reported
Data Entry Number: 03220521
Reference Manifest Number: Not reported
Was Load Rejected (Y/N): No
Reason Load Was Rejected: Not reported
Waste Code: Not reported
Manifest Year: Not reported
Quantity: Not reported
Unit: Not reported
Hand Code: Not reported

Manifest Code: NJA5262065
EPA ID: NYD095586376
Date Shipped: 20051130
TSDf EPA ID: NJD002385730
Transporter EPA ID: NYD980769947
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: 051130
Date Trans2 Transported Waste: 000000
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDf Received Waste: 051130
Tranporter 1 Decal: Not reported
Tranporter 2 Decal: Not reported
Data Entry Number: 02140622
Reference Manifest Number: Not reported
Was Load Rejected (Y/N): No
Reason Load Was Rejected: Not reported
Waste Code: Not reported
Manifest Year: Not reported
Quantity: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LCP CHEMICAL /NY INC (Continued)

1000106509

Unit: Not reported
Hand Code: Not reported

Manifest Code: NJA5233117
EPA ID: NYD095586376
Date Shipped: 20050103
TSDf EPA ID: NJD002385730
Transporter EPA ID: NJD000692061
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: 050103
Date Trans2 Transported Waste: 000000
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDf Received Waste: 050103
Transporter 1 Decal: Not reported
Transporter 2 Decal: Not reported
Data Entry Number: 03040521
Reference Manifest Number: Not reported
Was Load Rejected (Y/N): No
Reason Load Was Rejected: Not reported
Waste Code: Not reported
Manifest Year: Not reported
Quantity: Not reported
Unit: Not reported
Hand Code: Not reported

Manifest Code: NJA4098479
EPA ID: NYD095586376
Date Shipped: 20041209
TSDf EPA ID: NJD002385730
Transporter EPA ID: NYD980769947
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: 041209

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LCP CHEMICAL /NY INC (Continued)

1000106509

Date Trans2 Transported Waste: 000000
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDf Received Waste: 041209
Tranporter 1 Decal: Not reported
Tranporter 2 Decal: Not reported
Data Entry Number: 01190521
Reference Manifest Number: Not reported
Was Load Rejected (Y/N): No
Reason Load Was Rejected: Not reported
Waste Code: Not reported
Manifest Year: Not reported
Quantity: Not reported
Unit: Not reported
Hand Code: Not reported

NY Spills:

Site ID: 121767
Facility Addr2: Not reported
Facility ID: 8704315
Spill Number: 8704315
Facility Type: ER
SWIS: 3400
Investigator: AJMARSCH
Referred To: Not reported
Spill Date: 8/25/1987
Reported to Dept: 8/25/1987
CID: Not reported
Spill Cause: Unknown
Water Affected: Not reported
Spill Source: Commercial/Industrial
Spill Notifier: Responsible Party
Cleanup Ceased: 8/25/1987
Cleanup Meets Std: True
Last Inspection: Not reported
Recommended Penalty: Penalty Not Recommended
UST Trust: False
Spill Class: Not reported
Spill Closed Dt: 8/25/1987
Remediation Phase: 0
Date Entered In Computer: 8/27/1987
Spill Record Last Update: 8/27/1987
Spiller Name: Not reported
Spiller Company: LCP CHEMICAL
Spiller Address: MATHEWS AVE.
Spiller City,St,Zip: SOLVAY, NY
Spiller Company: 001
Contact Name: Not reported
Contact Phone: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LCP CHEMICAL /NY INC (Continued)

1000106509

DEC Region: 7
DER Facility ID: 169340
DEC Memo: Prior to Sept, 2004 data translation this spill Lead_DEC Field was "JM" // : LCP IS LOOKING FOR POSSIBLE CAUSE OF RELEASE. // : LCP IS LOOKING FOR POSSIBLE CAUSE OF RELEASE. TURNED OVER TO AIR.
Remarks: 3 MEN AT CRUCIBLE STEEL WERE EXPOSED & OVERCOME TO A CHLORINE GAS RELEASE. LCP WAS UNAWARE THAT RELEASE OCCURRED.

Material:

Site ID: 121767
Operable Unit ID: 908157
Operable Unit: 01
Material ID: 466958
Material Code: 0027A
Material Name: CHLORINE
Case No.: 07782505
Material FA: Hazardous Material
Quantity: 0
Units: Not reported
Recovered: No
Resource Affected: Not reported
Oxygenate: False
Site ID: 121767
Operable Unit ID: 908157
Operable Unit: 01
Material ID: 466957
Material Code: 0066A
Material Name: UNKNOWN PETROLEUM
Case No.: Not reported
Material FA: Petroleum
Quantity: 0
Units: Not reported
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:

Site ID: Not reported
Spill Tank Test: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate: Not reported
Gross Fail: Not reported
Modified By: Not reported
Last Modified: Not reported
Test Method: Not reported

Site ID: 203625
Facility Addr2: Not reported
Facility ID: 8703128
Spill Number: 8703128
Facility Type: ER
SWIS: 3400
Investigator: HDWARNER
Referred To: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LCP CHEMICAL /NY INC (Continued)

1000106509

Spill Date: 7/17/1987
Reported to Dept: 7/17/1987
CID: Not reported
Spill Cause: Equipment Failure
Water Affected: Not reported
Spill Source: Commercial/Industrial
Spill Notifier: Responsible Party
Cleanup Ceased: 7/22/1988
Cleanup Meets Std: True
Last Inspection: Not reported
Recommended Penalty: Penalty Not Recommended
UST Trust: False
Spill Class: Not reported
Spill Closed Dt: 7/22/1988
Remediation Phase: 0
Date Entered In Computer: 7/20/1987
Spill Record Last Update: 8/9/1988
Spiller Name: Not reported
Spiller Company: LCP CHEMICAL
Spiller Address: MATHEWS AVENUE
Spiller City,St,Zip: SOLVAY, NY 13209
Spiller Company: 001
Contact Name: Not reported
Contact Phone: Not reported
DEC Region: 7
DER Facility ID: 169340
DEC Memo: Prior to Sept, 2004 data translation this spill Lead_DEC Field was "HW" // : APPEARS TO BE SEVERAL SPDES VIOLATIONS ONGOING AT FACILITY. ENV. OIL WAS HIRED TO CLEAN THE SPILL. 07/17/88: LCP IS CURRENTLY UNDER CONSENT ORDER BY SPDES PROGRAM WORDEN TO ELIMINATE ILLEGAL DISCHARGES. 09/28/95: This is additional information about material spilled from the translation of the old spill file: HIGH ALIC. PH 11-12.
Remarks: SPILL RESULTED FROM PIPE BREAK AND WASTE SOLIDS TANK OVERFLOW. A CONSIDERABLE AMOUNT OF SOLIDS REMAINED ON BLACK TOP AROUND WASTE SOLID
Material:
Site ID: 203625
Operable Unit ID: 909639
Operable Unit: 01
Material ID: 469392
Material Code: 0066A
Material Name: UNKNOWN PETROLEUM
Case No.: Not reported
Material FA: Petroleum
Quantity: 0
Units: Not reported
Recovered: No
Resource Affected: Not reported
Oxygenate: False
Tank Test:
Site ID: Not reported
Spill Tank Test: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LCP CHEMICAL /NY INC (Continued)

1000106509

Leak Rate: Not reported
Gross Fail: Not reported
Modified By: Not reported
Last Modified: Not reported
Test Method: Not reported

[Click this hyperlink](#) while viewing on your computer to access additional NY_SPILL: detail in the EDR Site Report.

NY Hist Spills:

Region of Spill: 7
Spill Number: 8706974
Investigator: DV
Caller Name: Not reported
Caller Agency: Not reported
Caller Phone: Not reported
Notifier Name: Not reported
Notifier Agency: Not reported
Notifier Phone: Not reported
Spill Date/Time: 11/16/1987 13:12
Reported to Dept Date/Time: 11/16/87 13:12
SWIS: 31
Spiller Name: LCP CHEMICALS
Spiller Contact: Not reported
Spiller Phone: (315) 487-4700
Spiller Address: MATHEWS AVE.
Spiller City,St,Zip: SOLVAY, NY
Spill Cause: Equipment Failure
Reported to Dept: Air
Water Affected: Not reported
Spill Source: 01
Spill Notifier: Federal Government
PBS Number: Not reported
Cleanup Ceased: 11/16/87
Cleanup Meets Std: True
Last Inspection: / /
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Dt: / /
Enforcement Date: / /
Invstgn Complete: / /
UST Involvement: False
Spill Class: Not reported
Spill Closed Dt: 11/16/87
Corrective Action Plan Submitted: / /
Date Region Sent Summary to Central Office: / /
Date Spill Entered In Computer Data File: 12/02/87
Date Spill Entered In Computer Data File: Not reported
Update Date: 02/22/88
Is Updated: False

Tank:

PBS Number: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate Failed Tank: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LCP CHEMICAL /NY INC (Continued)

1000106509

Gross Leak Rate: Not reported

Material:

Material Class Type: Not reported

Quantity Spilled: Not reported

Unkonwn Quantity Spilled: Not reported

Units: Not reported

Quantity Recovered: Not reported

Unkonwn Quantity Recovered: Not reported

Material: Not reported

Class Type: Not reported

Times Material Entry In File: Not reported

CAS Number: Not reported

Last Date: Not reported

DEC Remarks: 11/16/87: AIR FOLLOWED UP. 09/28/95: This is additional information about material spilled from the translation of the old spill file: CHLORINE GAS.

Remark: POTHEAD FAILURE IN CELL BLDG. ONONDAGA CO. H.D. AND MIKE BLEE RESPONDED.

Region of Spill: 7
Spill Number: 8704315
Investigator: JM
Caller Name: Not reported
Caller Agency: Not reported
Caller Phone: Not reported
Notifier Name: Not reported
Notifier Agency: Not reported
Notifier Phone: Not reported
Spill Date/Time: 08/25/1987 08:30
Reported to Dept Date/Time: 08/25/87 10:00
SWIS: 31
Spiller Name: LCP CHEMICAL
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Address: MATHEWS AVE.
Spiller City,St,Zip: SOLVAY, NY
Spill Cause: Unknown
Reported to Dept: Air
Water Affected: Not reported
Spill Source: 01
Spill Notifier: Responsible Party
PBS Number: Not reported
Cleanup Ceased: 08/25/87
Cleanup Meets Std: True
Last Inspection: / /
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Dt: / /
Enforcement Date: / /
Invstgn Complete: / /
UST Involvement: False
Spill Class: Not reported
Spill Closed Dt: 08/25/87
Corrective Action Plan Submitted: / /
Date Region Sent Summary to Central Office: / /
Date Spill Entered In Computer Data File: 08/27/87
Date Spill Entered In Computer Data File: Not reported
Update Date: 08/27/87
Is Updated: False

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LCP CHEMICAL /NY INC (Continued)

1000106509

Tank:

PBS Number: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported

Material:

Material Class Type: Petroleum
Quantity Spilled: 0
Unkonwn Quantity Spilled: False
Units: Not reported
Quantity Recovered: 0
Unkonwn Quantity Recovered: False
Material: UNKNOWN PETROLEUM
Class Type: UNKNOWN PETROLEUM
Times Material Entry In File: 16414
CAS Number: Not reported
Last Date: 19940929
Material Class Type: Nonpetroleum/Nonhazardous
Quantity Spilled: 0
Unkonwn Quantity Spilled: False
Units: Not reported
Quantity Recovered: 0
Unkonwn Quantity Recovered: False
Material: CHLORINE
Class Type: CHLORINE
Times Material Entry In File: 0
CAS Number: 07782505
Last Date: Not reported

DEC Remarks: // : LCP IS LOOKING FOR POSSIBLE CAUSE OF RELEASE. // : LCP IS
LOOKING FOR POSSIBLE CAUSE OF RELEASE. TURNED OVER TO AIR.
Remark: 3 MEN AT CRUCIBLE STEEL WERE EXPOSED OVERCOME TO A CHLORINE GAS RELEASE. LCP
WAS UNAWARE THAT RELEASE OCCURRED.

Region of Spill: 7
Spill Number: 8703128
Investigator: HW
Caller Name: Not reported
Caller Agency: Not reported
Caller Phone: Not reported
Notifier Name: Not reported
Notifier Agency: Not reported
Notifier Phone: Not reported
Spill Date/Time: 07/17/1987 21:00
Reported to Dept Date/Time: 07/17/87 23:09
SWIS: 31
Spiller Name: LCP CHEMICAL
Spiller Contact: Not reported
Spiller Phone: (315) 487-4700
Spiller Address: MATHEWS AVENUE
Spiller City,St,Zip: SOLVAY, NY 13209
Spill Cause: Equipment Failure
Reported to Dept: On Land
Water Affected: Not reported
Spill Source: 01

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LCP CHEMICAL /NY INC (Continued)

1000106509

Spill Notifier: Responsible Party
PBS Number: Not reported
Cleanup Ceased: 07/22/88
Cleanup Meets Std: True
Last Inspection: / /
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Dt: / /
Enforcement Date: / /
Invstgn Complete: / /
UST Involvement: False
Spill Class: Not reported
Spill Closed Dt: 07/22/88
Corrective Action Plan Submitted: / /
Date Region Sent Summary to Central Office: / /
Date Spill Entered In Computer Data File: 07/20/87
Date Spill Entered In Computer Data File: Not reported
Update Date: 08/09/88
Is Updated: False

Tank:

PBS Number: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported

Material:

Material Class Type: Petroleum
Quantity Spilled: 0
Unkonwn Quantity Spilled: False
Units: Not reported
Quantity Recovered: 0
Unkonwn Quantity Recovered: False
Material: UNKNOWN PETROLEUM
Class Type: UNKNOWN PETROLEUM
Times Material Entry In File: 16414
CAS Number: Not reported
Last Date: 19940929

DEC Remarks: / / : APPEARS TO BE SEVERAL SPDES VIOLATIONS ONGOING AT FACILITY. ENV. OIL WAS HIRED TO CLEAN THE SPILL. 07/17/88: LCP IS CURRENTLY UNDER CONSENT ORDER BY SPDES PROGRAM WORDEN TO ELIMINATE ILLEGAL DISCHARGES. 09/28/95: This is additional information about material spilled from the translation of the old spill file: HIGH ALIC. PH 11-12.

Remark: SPILL RESULTED FROM PIPE BREAK AND WASTE SOLIDS TANK OVERFLOW. A CONSIDERABLE AMOUNT OF SOLIDS REMAINED ON BLACK TOP AROUND WASTE SOLID

Region of Spill: 7
Spill Number: 8802723
Investigator: HW
Caller Name: Not reported
Caller Agency: Not reported
Caller Phone: Not reported
Notifier Name: Not reported
Notifier Agency: Not reported
Notifier Phone: Not reported
Spill Date/Time: 06/25/1988 20:45
Reported to Dept Date/Time: 06/27/88 09:15

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LCP CHEMICAL /NY INC (Continued)

1000106509

SWIS: 31
Spiller Name: LCP CHEMICALS
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Address: Not reported
Spiller City,St,Zip: Not reported
Spill Cause: Equipment Failure
Reported to Dept: On Land
Water Affected: Not reported
Spill Source: 01
Spill Notifier: Federal Government
PBS Number: Not reported
Cleanup Ceased: 06/27/88
Cleanup Meets Std: True
Last Inspection: / /
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Dt: / /
Enforcement Date: / /
Invstgn Complete: / /
UST Involvement: False
Spill Class: Not reported
Spill Closed Dt: 06/27/88
Corrective Action Plan Submitted: / /
Date Region Sent Summary to Central Office: / /
Date Spill Entered In Computer Data File: 06/28/88
Date Spill Entered In Computer Data File: Not reported
Update Date: 02/17/95
Is Updated: False

Tank:

PBS Number: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported

Material:

Material Class Type: Nonpetroleum/Nonhazardous
Quantity Spilled: 0
Unkonwn Quantity Spilled: False
Units: Not reported
Quantity Recovered: 0
Unkonwn Quantity Recovered: False
Material: MERCURY
Class Type: MERCURY
Times Material Entry In File: 0
CAS Number: 07439976
Last Date: Not reported
DEC Remarks: 06/25/88: ON GOING SPDES VIOLATION, WHICH IS BEING HANDLED BY SPDES PROGRAM. SPDES PROGRAM UNDER GOING ENFORCEMENT ACTION AGAINST LCP CHEM. FOR THESE DAMAGES.
Remark: 4/5-1.4 LBS 4/19 5.8 LBS; 4/26- 4.0 LBS; 5/31.0 LBS; 6/14-1.9 LBS; 5/31 -1.34LBS GEDDES BROOK.)

Region of Spill: 7
Spill Number: 8802598
Investigator: DV

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LCP CHEMICAL /NY INC (Continued)

1000106509

Caller Name: Not reported
Caller Agency: Not reported
Caller Phone: Not reported
Notifier Name: Not reported
Notifier Agency: Not reported
Notifier Phone: Not reported
Spill Date/Time: 04/05/1988 12:00
Reported to Dept Date/Time: 06/22/88 07:57
SWIS: 31
Spiller Name: LCP CHEMICAL
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Address: Not reported
Spiller City,St,Zip: SOLVAY
Spill Cause: Housekeeping
Reported to Dept: On Land
Water Affected: Not reported
Spill Source: 01
Spill Notifier: Responsible Party
PBS Number: Not reported
Cleanup Ceased: 06/22/88
Cleanup Meets Std: True
Last Inspection: / /
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Dt: / /
Enforcement Date: / /
Invstgn Complete: / /
UST Involvement: False
Spill Class: Not reported
Spill Closed Dt: 06/22/88
Corrective Action Plan Submitted: / /
Date Region Sent Summary to Central Office: / /
Date Spill Entered In Computer Data File: 07/01/88
Date Spill Entered In Computer Data File: Not reported
Update Date: 07/01/88
Is Updated: False

Tank:

PBS Number: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported

Material:

Material Class Type: Nonpetroleum/Nonhazardous
Quantity Spilled: 80000
Unkonwn Quantity Spilled: False
Units: Pounds
Quantity Recovered: 0
Unkonwn Quantity Recovered: False
Material: SODIUM HYPOCHLORITE
Class Type: SODIUM HYPOCHLORITE
Times Material Entry In File: 0
CAS Number: 07681529
Last Date: Not reported
DEC Remarks: 06/22/88: REFERRED TO STEVE LACKEY FOR FOLLOW UP.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LCP CHEMICAL /NY INC (Continued)

1000106509

Remark: CONTACT PERSON: JAMES ROGERS DUMPING TO ALLIED WASTE

T98
SE
> 1
1.360 mi.
7179 ft.

FRAZER AND JONES
3000 MILTON AVE
SOLVAY, NY 13209

NY Spills S108981664
N/A

Site 8 of 13 in cluster T

Relative:
Higher

Actual:
431 ft.

NY Spills:

Site ID: 391662
Facility Addr2: Not reported
Facility ID: 0710389
Spill Number: 0710389
Facility Type: ER
SWIS: 3432
Investigator: kckemp
Referred To: Not reported
Spill Date: 12/31/2007
Reported to Dept: 12/31/2007
CID: 408
Spill Cause: Human Error
Water Affected: DRAIN
Spill Source: Commercial/Industrial
Spill Notifier: Responsible Party
Cleanup Ceased: 1/2/2008
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: Penalty Not Recommended
UST Trust: False
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt: 1/2/2008
Remediation Phase: 0
Date Entered In Computer: 12/31/2007
Spill Record Last Update: 1/2/2008
Spiller Name: GLEN MONNELL
Spiller Company: FACILITY
Spiller Address: 3000 MOUNTAIN AVE
Spiller City,St,Zip: SOLVAY, NY 13209
Spiller Company: 001
Contact Name: GLEN MONNELL
Contact Phone: (315) 468-6251 135
DEC Region: 7
DER Facility ID: 341263
DEC Memo: 12/31/2007-called, left message. MSDS downloaded and eDoc'd. 1/2/08-returned call. Oil in shop vac poured down catch basin. Boom placed in storm drain and at outlet from storm drain. Most oil recovered, but some did escape site into local surface water drainage. Not reported

Remarks: WATER BASED COOLANT CALLED BLASOCUT 2000X ART.870-40 ; ANOTHER CONTACT IS MARK AT THE SAME NUMBER BUT EXT. 147; CLEAN UP IN PROGRESS;

Material:

Site ID: 391662
Operable Unit ID: 1148705
Operable Unit: 01
Material ID: 2139200
Material Code: 0064A

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FRAZER AND JONES (Continued)

S108981664

Material Name: UNKNOWN MATERIAL
Case No.: Not reported
Material FA: Other
Quantity: 1
Units: Gallons
Recovered: 0.5
Resource Affected: Not reported
Oxygenate: False

Tank Test:

Site ID: Not reported
Spill Tank Test: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate: Not reported
Gross Fail: Not reported
Modified By: Not reported
Last Modified: Not reported
Test Method: Not reported

T99
SE
> 1
1.360 mi.
7179 ft.

FRAZER AND JONES CO.
3000 MILTON AVE
SYRACUSE, NY 13221

SWF/LF **S105842130**
N/A

Site 9 of 13 in cluster T

Relative:
Higher

SWF/LF:

Flag: INACTIVE
Region Code: 7
Phone Number: 3154686251
Owner Name: Not reported
Owner Type: Not reported
Owner Address: Not reported
Owner Addr2: Not reported
Owner City,St,Zip: Not reported
Owner Email: Not reported
Owner Phone: Not reported
Contact Name: Raymond Wright
Contact Address: 3000 Milton Ave
Contact Addr2: P.O. Box 4955
Contact City,St,Zip: Syracuse, NY 13221
Contact Email: Not reported
Contact Phone: 3154666251
Activity Desc: Landfill - mixed solid waste
Activity Number: 34S75
Active: No
East Coordinate: 399980
North Coordinate: 4768125
Accuracy Code: Not reported
Regulatory Status: None
Waste Type: Foundry Sand
Authorization #: None
Authorization Date: Not reported
Expiration Date: Not reported

Actual:
431 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

T100
SE
> 1
1.360 mi.
7179 ft.

**FRAZER & JONES
3000 MILTON AVE
SOLVAY, NY 13209**
Site 10 of 13 in cluster T

**CERC-NFRAP
RCRA-NonGen
MANIFEST**

**1000443179
NYD002225597**

**Relative:
Higher**

CERC-NFRAP:
Site ID: 0201438
Federal Facility: Not a Federal Facility
NPL Status: Not on the NPL
Non NPL Status: NFRAP

**Actual:
431 ft.**

CERCLIS-NFRAP Assessment History:

Action: DISCOVERY
Date Started: Not reported
Date Completed: 05/01/1979
Priority Level: Not reported

Action: PRELIMINARY ASSESSMENT
Date Started: 02/25/1987
Date Completed: 03/05/1987
Priority Level: NFRAP: No further Remedial Action planned

Action: ARCHIVE SITE
Date Started: Not reported
Date Completed: 03/05/1987
Priority Level: Not reported

RCRA-NonGen:

Date form received by agency: 01/01/2007
Facility name: FRAZER & JONES CO
Facility address: 3000 MILTON AVE
SYRACUSE, NY 13221
EPA ID: NYD002225597
Mailing address: PO BOX 4955
SYRACUSE, NY 13221
Contact: Not reported
Contact address: PO BOX 4955
SYRACUSE, NY 13221
Contact country: US
Contact telephone: Not reported
Contact email: Not reported
EPA Region: 02
Land type: Facility is not located on Indian land. Additional information is not known.
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: THE EASTERN CO
Owner/operator address: NOT REQUIRED
NOT REQUIRED, WY 99999
Owner/operator country: US
Owner/operator telephone: (212) 555-1212
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FRAZER & JONES (Continued)

1000443179

Owner/operator name: THE EASTERN CO
Owner/operator address: NOT REQUIRED
NOT REQUIRED, WY 99999
Owner/operator country: US
Owner/operator telephone: (212) 555-1212
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler accessibility indicator: Transferred to the program or state equivalent.

Handler Activities Summary:

U.S. importer of hazardous waste: Unknown
Mixed waste (haz. and radioactive): Unknown
Recycler of hazardous waste: No
Transporter of hazardous waste: Unknown
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: Unknown
Furnace exemption: Unknown
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Commercial status unknown

Historical Generators:

Date form received by agency: 01/01/2006
Facility name: FRAZER & JONES CO
Classification: Not a generator, verified

Date form received by agency: 08/24/1992
Facility name: FRAZER & JONES CO
Classification: Not a generator, verified

Date form received by agency: 03/01/1990
Facility name: FRAZER & JONES CO
Site name: FRAZER AND JONES COMPANY
Classification: Large Quantity Generator

Date form received by agency: 08/18/1980
Facility name: FRAZER & JONES CO
Classification: Large Quantity Generator

Facility Has Received Notices of Violations:

Regulation violated: Not reported
Area of violation: Universal Waste - Small Quantity Handlers
Date violation determined: 07/25/2007
Date achieved compliance: 05/02/2008
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 04/11/2008
Inf. disposition status: Action Satisfied (Case Closed)

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FRAZER & JONES (Continued)

1000443179

Enf. disp. status date: 05/02/2008
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - Manifest
Date violation determined: 06/27/1989
Date achieved compliance: 06/29/1989
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 06/27/1989
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:

Evaluation date: 07/25/2007
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Universal Waste - Small Quantity Handlers
Date achieved compliance: 05/02/2008
Evaluation lead agency: State

Evaluation date: 04/29/1992
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: EPA Contractor/Grantee

Evaluation date: 06/27/1989
Evaluation: NON-FINANCIAL RECORD REVIEW
Area of violation: Generators - Manifest
Date achieved compliance: 06/29/1989
Evaluation lead agency: State

Evaluation date: 12/17/1984
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

NY MANIFEST:

EPA ID: NYD002225597
Country: USA
Mailing Name: FRAZER AND JONES COMPANY
Mailing Contact: A THOMAS GIANNONE
Mailing Address: PO BOX 4955
Mailing Address 2: Not reported
Mailing City: SYRACUSE
Mailing State: NY
Mailing Zip: 13221
Mailing Zip4: Not reported
Mailing Country: USA

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FRAZER & JONES (Continued)

1000443179

Mailing Phone: 315-468-6251

Document ID: NYA3996415
Manifest Status: Completed copy
Trans1 State ID: U55689NY
Trans2 State ID: Not reported
Generator Ship Date: 860130
Trans1 Recv Date: 860130
Trans2 Recv Date: Not reported
TSD Site Recv Date: 860131
Part A Recv Date: 860204
Part B Recv Date: 860212
Generator EPA ID: NYD002225597
Trans1 EPA ID: NYD080336241
Trans2 EPA ID: Not reported
TSD ID: OHD000816629
Waste Code: B001 - PCB OIL (CONC) FROM TRANS, CAP, ETC
Quantity: 00800
Units: P - Pounds
Number of Containers: 001
Container Type: CW - Wooden boxes
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 86

Document ID: PAB4762376
Manifest Status: Completed after the designated time period for a TSD to get a copy to the DEC
Trans1 State ID: PA-AH0175
Trans2 State ID: PA-AH
Generator Ship Date: 871222
Trans1 Recv Date: 871222
Trans2 Recv Date: Not reported
TSD Site Recv Date: 871223
Part A Recv Date: 871228
Part B Recv Date: 880127
Generator EPA ID: NYD002225597
Trans1 EPA ID: NJD982270258
Trans2 EPA ID: Not reported
TSD ID: PAD085690592
Waste Code: K062 - SP PICKLE LIQUOR FM STEEL OPTS
Quantity: 04100
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: TT - Cargo tank, tank trucks
Handling Method: L Landfill.
Specific Gravity: 100
Year: 87

Document ID: MIA1448377
Manifest Status: Completed after the designated time period for a TSD to get a copy to the DEC
Trans1 State ID: PA-044AH0
Trans2 State ID: Not reported
Generator Ship Date: 880510
Trans1 Recv Date: 880510

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FRAZER & JONES (Continued)

1000443179

Trans2 Recv Date: Not reported
TSD Site Recv Date: 880511
Part A Recv Date: 891010
Part B Recv Date: 891005
Generator EPA ID: NYD002225597
Trans1 EPA ID: PAD085690592
Trans2 EPA ID: Not reported
TSD ID: MID000724831
Waste Code: K062 - SP PICKLE LIQUOR FM STEEL OPTS
Quantity: 05350
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: TT - Cargo tank, tank trucks
Handling Method: L Landfill.
Specific Gravity: 100
Year: 88

Document ID: NYA6100632
Manifest Status: Completed copy
Trans1 State ID: N67868
Trans2 State ID: Not reported
Generator Ship Date: 870205
Trans1 Recv Date: 870205
Trans2 Recv Date: Not reported
TSD Site Recv Date: 870209
Part A Recv Date: 870228
Part B Recv Date: 870218
Generator EPA ID: NYD002225597
Trans1 EPA ID: NYD046765574
Trans2 EPA ID: Not reported
TSD ID: MOD980962849
Waste Code: B005 - PCB ARTICLES WITH 500 PPM OR > PCB
Quantity: 07550
Units: P - Pounds
Number of Containers: 003
Container Type: CW - Wooden boxes
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Waste Code: Not reported
Quantity: 03000
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Waste Code: Not reported
Quantity: 00750
Units: P - Pounds
Number of Containers: 004
Container Type: DM - Metal drums, barrels
Handling Method: L Landfill.
Specific Gravity: 100
Year: 87

Document ID: MIA1449183

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FRAZER & JONES (Continued)

1000443179

Manifest Status: Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID: AH0139PA-
Trans2 State ID: Not reported
Generator Ship Date: 880420
Trans1 Recv Date: 880420
Trans2 Recv Date: Not reported
TSD Site Recv Date: 880421
Part A Recv Date: 891010
Part B Recv Date: 891005
Generator EPA ID: NYD002225597
Trans1 EPA ID: PAD085690592
Trans2 EPA ID: Not reported
TSDF ID: MID000724831
Waste Code: K062 - SP PICKLE LIQUOR FM STEEL OPTS
Quantity: 02825
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: TT - Cargo tank, tank trucks
Handling Method: L Landfill.
Specific Gravity: 100
Year: 88

Document ID: ARA2741410
Manifest Status: Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID: H10PC708
Trans2 State ID: Not reported
Generator Ship Date: 880928
Trans1 Recv Date: 880928
Trans2 Recv Date: Not reported
TSD Site Recv Date: 881004
Part A Recv Date: 881102
Part B Recv Date: 881019
Generator EPA ID: NYD002225597
Trans1 EPA ID: ARD069748192
Trans2 EPA ID: Not reported
TSDF ID: ARP000404000
Waste Code: B001 - PCB OIL (CONC) FROM TRANS, CAP, ETC
Quantity: 03935
Units: P - Pounds
Number of Containers: 002
Container Type: CW - Wooden boxes
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 88

Document ID: NYA5594436
Manifest Status: Completed copy
Trans1 State ID: PA-044
Trans2 State ID: Not reported
Generator Ship Date: 881128
Trans1 Recv Date: 881128
Trans2 Recv Date: Not reported
TSD Site Recv Date: 881128
Part A Recv Date: 881201
Part B Recv Date: 881216

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FRAZER & JONES (Continued)

1000443179

Generator EPA ID: NYD002225597
Trans1 EPA ID: PAD085690592
Trans2 EPA ID: Not reported
TSDF ID: NYD000691949
Waste Code: K062 - SP PICKLE LIQUOR FM STEEL OPTS
Quantity: 05500
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 100
Year: 88

Document ID: NYA5594463
Manifest Status: Completed copy
Trans1 State ID: PA-044
Trans2 State ID: Not reported
Generator Ship Date: 890104
Trans1 Recv Date: 890104
Trans2 Recv Date: Not reported
TSD Site Recv Date: 890105
Part A Recv Date: 890106
Part B Recv Date: 890124
Generator EPA ID: NYD002225597
Trans1 EPA ID: PAD085690592
Trans2 EPA ID: Not reported
TSDF ID: NYD000691949
Waste Code: K062 - SP PICKLE LIQUOR FM STEEL OPTS
Quantity: 05000
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 100
Year: 89

Document ID: NYA5594472
Manifest Status: Completed copy
Trans1 State ID: PA-044
Trans2 State ID: Not reported
Generator Ship Date: 890104
Trans1 Recv Date: 890104
Trans2 Recv Date: Not reported
TSD Site Recv Date: 890105
Part A Recv Date: 890106
Part B Recv Date: 890127
Generator EPA ID: NYD002225597
Trans1 EPA ID: PAD085690592
Trans2 EPA ID: Not reported
TSDF ID: NYD000691949
Waste Code: K062 - SP PICKLE LIQUOR FM STEEL OPTS
Quantity: 05000
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: TT - Cargo tank, tank trucks

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FRAZER & JONES (Continued)

1000443179

Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 100
Year: 89

Document ID: PAB5343472
Manifest Status: Completed copy
Trans1 State ID: PA-AH0136
Trans2 State ID: Not reported
Generator Ship Date: 890531
Trans1 Recv Date: 890531
Trans2 Recv Date: Not reported
TSD Site Recv Date: 890601
Part A Recv Date: 890607
Part B Recv Date: 890613
Generator EPA ID: NYD002225597
Trans1 EPA ID: NYD088658646
Trans2 EPA ID: Not reported
TSD ID: PAD085690592
Waste Code: K062 - SP PICKLE LIQUOR FM STEEL OPTS
Quantity: 00385
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 007
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: L Landfill.
Specific Gravity: 100
Waste Code: Not reported
Quantity: 01000
Units: P - Pounds
Number of Containers: 002
Container Type: DM - Metal drums, barrels
Handling Method: L Landfill.
Specific Gravity: 100
Year: 89

Document ID: PAC1244246
Manifest Status: Completed copy
Trans1 State ID: PA-AH0136
Trans2 State ID: Not reported
Generator Ship Date: 891107
Trans1 Recv Date: 891107
Trans2 Recv Date: Not reported
TSD Site Recv Date: 891108
Part A Recv Date: 891114
Part B Recv Date: 891127
Generator EPA ID: NYD002225597
Trans1 EPA ID: NYD088658646
Trans2 EPA ID: Not reported
TSD ID: PAD085690592
Waste Code: D002 - NON-LISTED CORROSIVE WASTES
Quantity: 09750
Units: P - Pounds
Number of Containers: 011
Container Type: DM - Metal drums, barrels
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 100

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FRAZER & JONES (Continued)

1000443179

Year: 89

Document ID: ARA4065650
Manifest Status: Completed copy
Trans1 State ID: PC708H10
Trans2 State ID: Not reported
Generator Ship Date: 890829
Trans1 Recv Date: 890829
Trans2 Recv Date: Not reported
TSD Site Recv Date: 890907
Part A Recv Date: 890905
Part B Recv Date: 890922
Generator EPA ID: NYD002225597
Trans1 EPA ID: ARD069748192
Trans2 EPA ID: Not reported
TSD ID: ARP000404000
Waste Code: B005 - PCB ARTICLES WITH 500 PPM OR > PCB
Quantity: 00781
Units: P - Pounds
Number of Containers: 002
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 89

Document ID: NYO2806398
Manifest Status: Completed copy
Trans1 State ID: 7A-002
Trans2 State ID: Not reported
Generator Ship Date: 840319
Trans1 Recv Date: 840319
Trans2 Recv Date: Not reported
TSD Site Recv Date: 840321
Part A Recv Date: 840322
Part B Recv Date: 840329
Generator EPA ID: NYD002225597
Trans1 EPA ID: NYD088658646
Trans2 EPA ID: Not reported
TSD ID: OHD000816629
Waste Code: B007 - OTHER MISCELLANEOUS PCB WASTES
Quantity: 12894
Units: P - Pounds
Number of Containers: 004
Container Type: CF - Fiber or plastic boxes, cartons
Handling Method: Not reported
Specific Gravity: 100
Year: 84

Document ID: NYO2917053
Manifest Status: Completed copy
Trans1 State ID: 98090
Trans2 State ID: Not reported
Generator Ship Date: 831122
Trans1 Recv Date: 831122

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FRAZER & JONES (Continued)

1000443179

Trans2 Recv Date: Not reported
TSD Site Recv Date: 831123
Part A Recv Date: 031205
Part B Recv Date: 031205
Generator EPA ID: NYD002225597
Trans1 EPA ID: NYD080336241
Trans2 EPA ID: Not reported
TSD ID: NYD080336241
Waste Code: D002 - NON-LISTED CORROSIVE WASTES
Quantity: 05000
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: DT - Dump trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 100
Year: 83

Document ID: NYO1715499
Manifest Status: Completed copy
Trans1 State ID: 9A098
Trans2 State ID: Not reported
Generator Ship Date: 840619
Trans1 Recv Date: 840619
Trans2 Recv Date: Not reported
TSD Site Recv Date: 840619
Part A Recv Date: 840703
Part B Recv Date: 840627
Generator EPA ID: NYD002225597
Trans1 EPA ID: NYD051809952
Trans2 EPA ID: Not reported
TSD ID: NYD049836679
Waste Code: D008 - LEAD 5.0 MG/L TCLP
Quantity: 00020
Units: Y - Cubic yards* (.85 tons)
Number of Containers: 001
Container Type: CM - Metal boxes, cases, roll-offs
Handling Method: L Landfill.
Specific Gravity: 100
Year: 84

Document ID: NYO1715508
Manifest Status: Completed copy
Trans1 State ID: 9A080
Trans2 State ID: Not reported
Generator Ship Date: 840622
Trans1 Recv Date: 840622
Trans2 Recv Date: Not reported
TSD Site Recv Date: 840622
Part A Recv Date: 840703
Part B Recv Date: 840627
Generator EPA ID: NYD002225597
Trans1 EPA ID: NYD097644801
Trans2 EPA ID: Not reported
TSD ID: NYD049836679
Waste Code: D008 - LEAD 5.0 MG/L TCLP

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FRAZER & JONES (Continued)

1000443179

Quantity: 00020
Units: Y - Cubic yards* (.85 tons)
Number of Containers: 001
Container Type: CM - Metal boxes, cases, roll-offs
Handling Method: L Landfill.
Specific Gravity: 100
Year: 84

Document ID: NYO1715517
Manifest Status: Completed copy
Trans1 State ID: 9A080
Trans2 State ID: Not reported
Generator Ship Date: 840622
Trans1 Recv Date: 840622
Trans2 Recv Date: Not reported
TSD Site Recv Date: 840622
Part A Recv Date: 840703
Part B Recv Date: 840627
Generator EPA ID: NYD002225597
Trans1 EPA ID: NYD097644801
Trans2 EPA ID: Not reported
TSD ID: NYD049836679
Waste Code: D008 - LEAD 5.0 MG/L TCLP
Quantity: 00020
Units: Y - Cubic yards* (.85 tons)
Number of Containers: 001
Container Type: CM - Metal boxes, cases, roll-offs
Handling Method: L Landfill.
Specific Gravity: 100
Year: 84

Document ID: NYO1715643
Manifest Status: Completed copy
Trans1 State ID: 9A080
Trans2 State ID: Not reported
Generator Ship Date: 840628
Trans1 Recv Date: 840628
Trans2 Recv Date: Not reported
TSD Site Recv Date: 840629
Part A Recv Date: 840703
Part B Recv Date: 840709
Generator EPA ID: NYD002225597
Trans1 EPA ID: NYD097644801
Trans2 EPA ID: Not reported
TSD ID: NYD049836679
Waste Code: D008 - LEAD 5.0 MG/L TCLP
Quantity: 00660
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 012
Container Type: DM - Metal drums, barrels
Handling Method: L Landfill.
Specific Gravity: 100
Year: 84

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FRAZER & JONES (Continued)

1000443179

Document ID: NYO1715364
Manifest Status: Completed copy
Trans1 State ID: 9A098
Trans2 State ID: Not reported
Generator Ship Date: 840619
Trans1 Recv Date: 840619
Trans2 Recv Date: Not reported
TSD Site Recv Date: 840619
Part A Recv Date: 840703
Part B Recv Date: 840627
Generator EPA ID: NYD002225597
Trans1 EPA ID: NYD051809952
Trans2 EPA ID: Not reported
TSD ID: NYD049836679
Waste Code: D008 - LEAD 5.0 MG/L TCLP
Quantity: 00020
Units: Y - Cubic yards* (.85 tons)
Number of Containers: 001
Container Type: CM - Metal boxes, cases, roll-offs
Handling Method: L Landfill.
Specific Gravity: 100
Year: 84

Document ID: NYO1715472
Manifest Status: Completed after the designated time period for a TSD to get a copy to the DEC
Trans1 State ID: 9A098
Trans2 State ID: Not reported
Generator Ship Date: 840619
Trans1 Recv Date: 840619
Trans2 Recv Date: Not reported
TSD Site Recv Date: 840619
Part A Recv Date: 840716
Part B Recv Date: 840627
Generator EPA ID: NYD002225597
Trans1 EPA ID: NYD051809952
Trans2 EPA ID: Not reported
TSD ID: NYD049836679
Waste Code: D008 - LEAD 5.0 MG/L TCLP
Quantity: 00020
Units: Y - Cubic yards* (.85 tons)
Number of Containers: 001
Container Type: CM - Metal boxes, cases, roll-offs
Handling Method: L Landfill.
Specific Gravity: 100
Year: 84

[Click this hyperlink](#) while viewing on your computer to access
6 additional NY_MANIFEST: record(s) in the EDR Site Report.

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

T101
SE
> 1
1.360 mi.
7179 ft.

FRAISER & JONES
3000 MILTON AVENUE
SYRACUSE, NY
Site 11 of 13 in cluster T

NY Spills **S102167934**
NY Hist Spills **N/A**

Relative:
Higher

Actual:
431 ft.

NY Spills:
 Site ID: 104051
 Facility Addr2: Not reported
 Facility ID: 9501625
 Spill Number: 9501625
 Facility Type: ER
 SWIS: 3415
 Investigator: HDWARNER
 Referred To: Not reported
 Spill Date: 5/9/1995
 Reported to Dept: 5/9/1995
 CID: Not reported
 Spill Cause: Traffic Accident
 Water Affected: Not reported
 Spill Source: Commercial Vehicle
 Spill Notifier: Affected Persons
 Cleanup Ceased: Not reported
 Cleanup Meets Std: False
 Last Inspection: Not reported
 Recommended Penalty: Penalty Not Recommended
 UST Trust: False
 Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
 Spill Closed Dt: 8/5/2002
 Remediation Phase: 0
 Date Entered In Computer: 5/12/1995
 Spill Record Last Update: 8/5/2002
 Spiller Name: Not reported
 Spiller Company: UNKNOWN
 Spiller Address: Not reported
 Spiller City,St,Zip: NY
 Spiller Company: 999
 Contact Name: Not reported
 Contact Phone: Not reported
 DEC Region: 7
 DER Facility ID: 91982
 DEC Memo: Prior to Sept, 2004 data translation this spill Lead_DEC Field was "HW"
 Remarks: OVER TURNED TRUCK LEAKING FROM SADDLE TANKS. FIRE DEPT ON SCENE.
 Material:
 Site ID: 104051
 Operable Unit ID: 1012642
 Operable Unit: 01
 Material ID: 366698
 Material Code: 0008
 Material Name: Diesel
 Case No.: Not reported
 Material FA: Petroleum
 Quantity: 5
 Units: Gallons
 Recovered: No
 Resource Affected: Not reported
 Oxygenate: False

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FRAISER & JONES (Continued)

S102167934

Tank Test:

Site ID: Not reported
Spill Tank Test: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate: Not reported
Gross Fail: Not reported
Modified By: Not reported
Last Modified: Not reported
Test Method: Not reported

NY Hist Spills:

Region of Spill: 7
Spill Number: 9501625
Investigator: HW
Caller Name: Not reported
Caller Agency: Not reported
Caller Phone: Not reported
Notifier Name: Not reported
Notifier Agency: Not reported
Notifier Phone: Not reported
Spill Date/Time: 05/09/1995 11:20
Reported to Dept Date/Time: 05/09/95 11:28
SWIS: 31
Spiller Name: UNKNOWN
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Address: Not reported
Spiller City,St,Zip: Not reported
Spill Cause: Traffic Accident
Reported to Dept: On Land
Water Affected: Not reported
Spill Source: 07
Spill Notifier: Affected Persons
PBS Number: Not reported
Cleanup Ceased: / /
Cleanup Meets Std: False
Last Inspection: / /
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Dt: / /
Enforcement Date: / /
Invstgn Complete: / /
UST Involvement: False
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.
Willing Responsible Party. Corrective action taken.
Spill Closed Dt: / /
Corrective Action Plan Submitted: / /
Date Region Sent Summary to Central Office: / /
Date Spill Entered In Computer Data File: 05/12/95
Date Spill Entered In Computer Data File: Not reported
Update Date: / /
Is Updated: False

Tank:

PBS Number: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FRAISER & JONES (Continued)

S102167934

Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported

Material:

Material Class Type: Petroleum
Quantity Spilled: 5
Unkonwn Quantity Spilled: False
Units: Gallons
Quantity Recovered: 0
Unkonwn Quantity Recovered: False
Material: DIESEL
Class Type: DIESEL
Times Material Entry In File: 10625
CAS Number: Not reported
Last Date: 19940728

DEC Remarks: Not reported
Remark: OVER TURNED TRUCK LEAKING FROM SADDLE TANKS. FIRE DEPT ON SCENE.

T102
SE
> 1
1.360 mi.
7179 ft.

FRAZER & JONES COMPANY
3000 MILTON AVE
SYRACUSE, NY 13209
Site 12 of 13 in cluster T

AST A100304719
N/A

Relative:
Higher

AST:

Region: STATE
DEC Region: 7
Site Status: Active
Facility Id: 7-601156
Program Type: PBS
UTM X: 399987.67392999999
UTM Y: 4768115.1001399998
Expiration Date: 2012/05/22

Actual:
431 ft.

Affiliation Records:

Site Id: 381823
Affiliation Type: On-Site Operator
Company Name: FRAZER & JONES COMPANY
Contact Type: Not reported
Contact Name: MARK NOVAKOWSKI
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (315) 468-6251
Phone Ext: Not reported
Email: Not reported
Fax Number: Not reported
Modified By: KCKemp
Date Last Modified: 5/22/2007

Site Id: 381823
Affiliation Type: Owner
Company Name: EASTERN COMPANY

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

FRAZER & JONES COMPANY (Continued)

A100304719

Contact Type: MANAGING DIRECTOR
Contact Name: MARK NOVAKOWSKI
Address1: PO BOX 460
Address2: Not reported
City: NAUGATUCK
State: CT
Zip Code: 06770
Country Code: 001
Phone: (203) 729-2255
Phone Ext: Not reported
Email: Not reported
Fax Number: Not reported
Modified By: KCKemp
Date Last Modified: 5/22/2007

Site Id: 381823
Affiliation Type: Mail Contact
Company Name: FRAZER & JONES COMPANY
Contact Type: Not reported
Contact Name: JEFF GETMAN
Address1: 3000 MILTON AVE
Address2: PO BOX 4955
City: SYRACUSE
State: NY
Zip Code: 13221
Country Code: 001
Phone: (315) 468-6251
Phone Ext: 148
Email: MNOVAKOWSKI@FRAZERANDJONES.COM
Fax Number: Not reported
Modified By: KCKEMP
Date Last Modified: 7/24/2009

Site Id: 381823
Affiliation Type: Emergency Contact
Company Name: EASTERN COMPANY
Contact Type: Not reported
Contact Name: DAVID ALFIERI
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (315) 468-6251
Phone Ext: 124
Email: Not reported
Fax Number: Not reported
Modified By: KCKemp
Date Last Modified: 5/22/2007

Equipment Records:

J00 - Dispenser - None
H00 - Tank Leak Detection - None
E00 - Piping Secondary Containment - None
E00 - Piping Secondary Containment - None
L00 - Piping Leak Detection - None

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FRAZER & JONES COMPANY (Continued)

A100304719

- L00 - Piping Leak Detection - None
- I01 - Overfill - Float Vent Valve
- J02 - Dispenser - Suction
- A00 - Tank Internal Protection - None
- A00 - Tank Internal Protection - None
- D00 - Pipe Type - No Piping
- H06 - Tank Leak Detection - Impervious Barrier/Concrete Pad (A/G)
- K02 - Spill Prevention - Transfer Station Containment
- D00 - Pipe Type - No Piping
- G01 - Tank Secondary Containment - Diking (Aboveground)
- G01 - Tank Secondary Containment - Diking (Aboveground)
- I04 - Overfill - Product Level Gauge (A/G)
- B01 - Tank External Protection - Painted/Asphalt Coating
- F00 - Pipe External Protection - None
- B01 - Tank External Protection - Painted/Asphalt Coating
- F00 - Pipe External Protection - None
- K01 - Spill Prevention - Catch Basin
- C00 - Pipe Location - No Piping
- C00 - Pipe Location - No Piping

Tank Info:

Tank Number: 001
Tank Id: 217343
Tank Location: 3
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Tank Model: Not reported
Pipe Model: Not reported
Install Date: 9/1/1996
Capacity Gallons: 2000
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: KCKemp
Last Modified: 5/22/2007

Tank Number: 002
Tank Id: 229731
Tank Location: 3
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Tank Model: Not reported
Pipe Model: Not reported
Install Date: 1/1/1990
Capacity Gallons: 1000
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: KCKEMP
Last Modified: 7/24/2009

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

T103
SE
> 1
1.360 mi.
7179 ft.

FRAZER AND JONES CO.
3000 MILTON AVE
SOLVAY, NY 13209

HSWDS S108146652
N/A

Site 13 of 13 in cluster T

Relative:
Higher

HSWDS:

Actual:
431 ft.

Facility ID:	Not reported
Region:	7
Facility Status:	None
Owner Type:	Puplic
Owner:	Frazer & Jones Co
Owner Address:	3000 Milton Ave
Owner Phone:	315-468-6251
Operator Type:	Puplic
Operator:	Unknown
Operator:	Unknown
Operator Phone:	Unknown
EPA ID:	NYD002225597
Registry:	D
Registry Site ID:	734014
RCRA Permitted:	Unknown
Site Code:	Industrial Landfill
Owner City State:	Solvay, NY 13209
Operator City State:	Not reported
Quadrangle:	Syracuse West
Latitude:	43 03'35"N
Longitude:	76 13'45"W
Acres:	2.00
Operator Date:	Unknown
Close Date:	Unknown
Completed:	Phase I
Active:	Yes
PCB's Disposed:	No
Pesticides Disposed:	No
Metals Disposed:	No
Asbestos Disposed:	No
Volatile Organic Compounds Disposed:	No
Semi Volatile Organic Compounds Disposed:	No
Analytical Info Exists for Air:	Not reported
Analytical Info Exists for Ground:	Not reported
Analytical Info Exists for Surface:	Not reported
Analytical Info Exists for Sediments:	Not reported
Analytical Info Exists for Surface:	Surface Soil
Analytical Info Exists for Substance:	Not reported
Analytical Info Exists for Waste:	Not reported
Analytical Info Exists for Leachate:	Not reported
Analytical Info Exists for EP Toxicity:	Not reported
Analytical Info Exists for TCLP:	Not reported
Threat to Environment/Public Health:	Environmental
Surface Water Contamination:	Unknown
Surface Water Body Class:	Unknown
Groundwater Contamination:	Unknown
Groundwater Classification:	Unknown
Drinking Water Contamination:	Unknown
Drinking Water Supply is Active:	Unknown
Any Known Fish or Wildlife:	No
Hazardous Exposure:	Unknown
Site Has Controlled Access:	Yes

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

FRAZER AND JONES CO. (Continued)

S108146652

Ambient Air Contamination:	Unknown
Direct Contact:	Unknown
EPA Hazardous Ranking System Score:	Unknown
Inventory:	F
Nefrap:	Not reported
Mailing:	Not reported
Tax Map No:	Not reported
Qualify:	0
Next Action:	Not reported
Agencies:	Not reported
Air:	Not reported
Building:	Not reported
Site Desc:	Not reported
Drink:	Not reported
Eptox:	Not reported
Fish:	Not reported
Ground:	Not reported
Ground Desc:	Not reported
Hazardous Threat:	Not reported
Haz Threat Desc:	Not reported
Leachate:	Not reported
Preparer:	Not reported
Sediment:	Not reported
Soil:	Not reported
Surface:	Not reported
Status:	Not reported
Surface Soil:	Not reported
Surface:	Not reported
TCLP:	Not reported
Waste:	Not reported

104
East
> 1
1.360 mi.
7181 ft.

NYS FAIRGROUNDS SLF
STATE FAIR BLVD
SOLVAY, NY 13209

RCRA-NonGen **1000113837**
FINDS **NYD980782916**
MANIFEST

Relative:
Lower

RCRA-NonGen:
 Date form received by agency: 01/01/2007
 Facility name: NYS FAIR GROUNDS SUB
 Facility address: STATE FAIR BLVD
 SOLVAY, NY 13209
 EPA ID: NYD980782916
 Mailing address: ERIE BLVD W
 SYRACUSE, NY 13202
 Contact: Not reported
 Contact address: ERIE BLVD W
 SYRACUSE, NY 13202
 Contact country: US
 Contact telephone: Not reported
 Contact email: Not reported
 EPA Region: 02
 Classification: Non-Generator
 Description: Handler: Non-Generators do not presently generate hazardous waste

Actual:
376 ft.

Owner/Operator Summary:
 Owner/operator name: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYS FAIRGROUNDS SLF (Continued)

1000113837

Owner/operator address: NOT REQUIRED
NOT REQUIRED, WY 99999
Owner/operator country: US
Owner/operator telephone: (212) 555-1212
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: Not reported
Owner/operator address: NOT REQUIRED
NOT REQUIRED, WY 99999
Owner/operator country: US
Owner/operator telephone: (212) 555-1212
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler accessibility indicator: Transferred to the program or state equivalent.

Handler Activities Summary:

U.S. importer of hazardous waste: Unknown
Mixed waste (haz. and radioactive): Unknown
Recycler of hazardous waste: No
Transporter of hazardous waste: Unknown
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: Unknown
Furnace exemption: Unknown
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Commercial status unknown

Historical Generators:

Date form received by agency: 01/01/2006
Facility name: NYS FAIR GROUNDS SUB
Classification: Not a generator, verified

Date form received by agency: 07/08/1999
Facility name: NYS FAIR GROUNDS SUB
Classification: Not a generator, verified

Date form received by agency: 11/20/1984
Facility name: NYS FAIR GROUNDS SUB
Classification: Large Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110008015423

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYS FAIRGROUNDS SLF (Continued)

1000113837

Environmental Interest/Information System

The NEI (National Emissions Inventory) database contains information on stationary and mobile sources that emit criteria air pollutants and their precursors, as well as hazardous air pollutants (HAPs).

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

NY MANIFEST:

EPA ID: NYD980782916
Country: USA
Mailing Name: NIAGARA MOHAWK POWER CORPORATION
Mailing Contact: NIAGARA MOHAWK POWER CORPORATION
Mailing Address: 300 ERIE BLVD WEST
Mailing Address 2: Not reported
Mailing City: SYRACUSE
Mailing State: NY
Mailing Zip: 13202
Mailing Zip4: Not reported
Mailing Country: USA
Mailing Phone: 315-428-2351

Document ID: NYA3734482
Manifest Status: Completed copy
Trans1 State ID: 45135GUNY
Trans2 State ID: Not reported
Generator Ship Date: 860528
Trans1 Recv Date: 860528
Trans2 Recv Date: Not reported
TSD Site Recv Date: 860528
Part A Recv Date: 860603
Part B Recv Date: 860603
Generator EPA ID: NYD980782916
Trans1 EPA ID: NYD980761191
Trans2 EPA ID: Not reported
TSD ID: NYD980647952
Waste Code: B002 - PETROLEUM OIL WITH 50 BUT < 500 PPM PCB
Quantity: 01000
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: TT - Cargo tank, tank trucks
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 089
Year: 86

Document ID: NYA1606797
Manifest Status: Completed copy
Trans1 State ID: (NY)35218
Trans2 State ID: Not reported
Generator Ship Date: 850520

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYS FAIRGROUNDS SLF (Continued)

1000113837

Trans1 Recv Date: 850520
Trans2 Recv Date: Not reported
TSD Site Recv Date: 850520
Part A Recv Date: 850603
Part B Recv Date: 850603
Generator EPA ID: NYD980782916
Trans1 EPA ID: NYD980761191
Trans2 EPA ID: Not reported
TSD ID: NYD980647952
Waste Code: B003 - PETROLEUM OIL WITH 500 PPM OR > PCB
Quantity: 00930
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: TT - Cargo tank, tank trucks
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 091
Year: 85

U105
SW
> 1
1.363 mi.
7198 ft.

NYSDOT BRIDGE BIN 1093479
RTE 5 OVER HINSDALE RD
CAMILLUS, NY 13031

RCRA-NonGen **1001119403**
FINDS **NYR000026906**
MANIFEST

Site 1 of 3 in cluster U

Relative:
Higher

RCRA-NonGen:

Date form received by agency: 01/01/2007
Facility name: NYSDOT BRIDGE BIN 1093479
Facility address: RTE 5 OVER HINSDALE RD
CAMILLUS, NY 13031
EPA ID: NYR000026906
Contact: Not reported
Contact address: RTE 5 OVER HINSDALE RD
CAMILLUS, NY 13031
Contact country: US
Contact telephone: Not reported
Contact email: Not reported
EPA Region: 02
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Actual:
466 ft.

Owner/Operator Summary:

Owner/operator name: NYSDOT
Owner/operator address: 333 E WASHINGTON ST
SYRACUSE, NY 13202
Owner/operator country: US
Owner/operator telephone: (315) 448-7349
Legal status: State
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: NYSDOT
Owner/operator address: 333 E WASHINGTON ST
SYRACUSE, NY 13202
Owner/operator country: US
Owner/operator telephone: (315) 448-7349
Legal status: State

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYSDOT BRIDGE BIN 1093479 (Continued)

1001119403

Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler accessibility indicator: Transferred to the program or state equivalent.

Handler Activities Summary:

U.S. importer of hazardous waste: Unknown
Mixed waste (haz. and radioactive): Unknown
Recycler of hazardous waste: No
Transporter of hazardous waste: Unknown
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: Unknown
Furnace exemption: Unknown
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Commercial status unknown

Historical Generators:

Date form received by agency: 01/01/2006
Facility name: NYSDOT BRIDGE BIN 1093479
Classification: Not a generator, verified

Date form received by agency: 01/31/1997
Facility name: NYSDOT BRIDGE BIN 1093479
Classification: Not a generator, verified

Date form received by agency: 07/18/1996
Facility name: NYSDOT BRIDGE BIN 1093479
Classification: Small Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110008095774

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

NY MANIFEST:

EPA ID: NYR000026906
Country: USA
Mailing Name: NYSDOT
Mailing Contact: ROBERT V TRENDELL

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

NYSDOT BRIDGE BIN 1093479 (Continued)

1001119403

Mailing Address: 109 SOUTH WARREN STREET
 Mailing Address 2: Not reported
 Mailing City: SYRACUSE
 Mailing State: NY
 Mailing Zip: 13202
 Mailing Zip4: Not reported
 Mailing Country: USA
 Mailing Phone: 315-668-7313

Document ID: MIA4561906
 Manifest Status: Completed after the designated time period for a TSDf to get a copy to the DEC
 Trans1 State ID: 71596ENY
 Trans2 State ID: 86044DNY
 Generator Ship Date: 961010
 Trans1 Recv Date: 961010
 Trans2 Recv Date: 961014
 TSD Site Recv Date: 961015
 Part A Recv Date: 961113
 Part B Recv Date: 961105
 Generator EPA ID: NYR000026906
 Trans1 EPA ID: NYD986903904
 Trans2 EPA ID: NYD986903904
 TSDf ID: MID096963194
 Waste Code: D008 - LEAD 5.0 MG/L TCLP
 Quantity: 00800
 Units: P - Pounds
 Number of Containers: 001
 Container Type: DM - Metal drums, barrels
 Handling Method: T Chemical, physical, or biological treatment.
 Specific Gravity: 100
 Year: 96

V106
 ESE
 > 1
 1.381 mi.
 7292 ft.

KINANECO
2925 MILTON AVE COR CASE ST
SYRACUSE, NY 13209
Site 1 of 4 in cluster V

RCRA-CESQG 1004759256
NYR000003673

Relative:
Higher

Actual:
436 ft.

RCRA-CESQG:
 Date form received by agency: 01/01/2007
 Facility name: KINANECO
 Facility address: 2925 MILTON AVE COR CASE ST
 SYRACUSE, NY 13209
 EPA ID: NYR000003673
 Mailing address: MILTON AVE COR CASE ST
 SYRACUSE, NY 13209
 Contact: PHIL KINANE
 Contact address: MILTON AVE COR CASE ST
 SYRACUSE, NY 13209
 Contact country: US
 Contact telephone: (315) 468-6201
 Contact email: Not reported
 EPA Region: 02
 Land type: Private
 Classification: Conditionally Exempt Small Quantity Generator
 Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time;

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

KINANECO (Continued)

1004759256

or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name: KINANECO
Owner/operator address: 2925 MILTON AVE
SYRACUSE, NY 13209

Owner/operator country: US
Owner/operator telephone: (315) 468-6201
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: KINANECO
Owner/operator address: 2925 MILTON AVE
SYRACUSE, NY 13209

Owner/operator country: US
Owner/operator telephone: (315) 468-6201
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler accessibility indicator: Transferred to the program or state equivalent.

Handler Activities Summary:

U.S. importer of hazardous waste: Unknown
Mixed waste (haz. and radioactive): Unknown
Recycler of hazardous waste: No
Transporter of hazardous waste: Unknown
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: Unknown
Furnace exemption: Unknown
Used oil fuel burner: No
Used oil processor: No
Used oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Commercial status unknown

Historical Generators:

Date form received by agency: 01/01/2006
Facility name: KINANECO

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

KINANECO (Continued)

1004759256

Classification: Small Quantity Generator
Date form received by agency: 04/19/1995
Facility name: KINANECO
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

Evaluation Action Summary:

Evaluation date: 10/19/2005
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

V107
ESE
> 1
1.382 mi.
7299 ft.

**KINANE CO
2925 MILTON AVE
SYRACUSE, NY 13209**

**FINDS 1010181422
MANIFEST N/A**

Site 2 of 4 in cluster V

**Relative:
Higher**

FINDS:

Registry ID: 110028902882

**Actual:
437 ft.**

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

NY MANIFEST:

EPA ID: NYR000003673
Country: USA
Mailing Name: KINANE CO
Mailing Contact: PHILIP T KINANE
Mailing Address: 2925 MILTON AE
Mailing Address 2: Not reported
Mailing City: SYRACUSE
Mailing State: NY
Mailing Zip: 13209
Mailing Zip4: Not reported
Mailing Country: USA
Mailing Phone: 315-468-6201

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NYD013277454
Trans2 State ID: Not reported
Generator Ship Date: 2008-03-13
Trans1 Recv Date: 2008-03-13
Trans2 Recv Date: Not reported
TSD Site Recv Date: 2008-03-13
Part A Recv Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

KINANE CO (Continued)

1010181422

Part B Recv Date: Not reported
Generator EPA ID: NYR000003673
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSD ID: NYD013277454
Waste Code: Not reported
Quantity: 110.0
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 2.0
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 1.0
Year: 08
Manifest Tracking Num: 003595779JJK
Import Ind: N
Export Ind: N
Discr Quantity Ind: N
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H141

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NYD013277454
Trans2 State ID: Not reported
Generator Ship Date: 2007-01-25
Trans1 Recv Date: 2007-01-25
Trans2 Recv Date: Not reported
TSD Site Recv Date: 2007-01-25
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000003673
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSD ID: NYD013277454
Waste Code: Not reported
Quantity: 55.0
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 1.0
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 1.0
Year: 07
Manifest Tracking Num: 000342414JJK
Import Ind: N
Export Ind: N
Discr Quantity Ind: N
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

KINANE CO (Continued)

1010181422

Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H141

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NYD013277454
Trans2 State ID: Not reported
Generator Ship Date: 1/25/2007
Trans1 Recv Date: 1/25/2007
Trans2 Recv Date: Not reported
TSD Site Recv Date: 1/25/2007
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000003673
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSD ID: NYD013277454
Waste Code: Not reported
Quantity: 55
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 1
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 1
Year: 07
Manifest Tracking Num: 000342414JJK
Import Ind: N
Export Ind: N
Discr Quantity Ind: N
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H141

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NYD013277454
Trans2 State ID: Not reported
Generator Ship Date: 2008-03-13
Trans1 Recv Date: 2008-03-13
Trans2 Recv Date: Not reported
TSD Site Recv Date: 2008-03-13
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000003673
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSD ID: NYD013277454
Waste Code: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

KINANE CO (Continued)

1010181422

Quantity: 110.0
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 2.0
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 1.0
Year: 08
Manifest Tracking Num: 003595779JJK
Import Ind: N
Export Ind: N
Discr Quantity Ind: N
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H141

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NYD013277454
Trans2 State ID: Not reported
Generator Ship Date: 2008-03-13
Trans1 Recv Date: 2008-03-13
Trans2 Recv Date: Not reported
TSD Site Recv Date: 2008-03-13
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000003673
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSD ID: NYD013277454
Waste Code: Not reported
Quantity: 110.0
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 2.0
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 1.0
Year: 08
Manifest Tracking Num: 003595779JJK
Import Ind: N
Export Ind: N
Discr Quantity Ind: N
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H141

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

KINANE CO (Continued)

1010181422

Document ID: NYG4194036
Manifest Status: Not reported
Trans1 State ID: NYD013277454
Trans2 State ID: Not reported
Generator Ship Date: 03/30/2006
Trans1 Recv Date: 03/30/2006
Trans2 Recv Date: Not reported
TSD Site Recv Date: 03/30/2006
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000003673
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSD ID: NYD013277454
Waste Code: F001 - UNKNOWN
Quantity: 00055
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 01.00
Year: 06

V108
ESE
> 1
1.386 mi.
7320 ft.

CORRENTE SERVICE STATION
2913 MILTON AVE
SOLVAY, NY 13209
Site 3 of 4 in cluster V

UST **U001848518**
HIST UST **N/A**
NY Spills
NY Hist Spills

Relative:
Higher

UST:
Facility Id: 7-122076
Region: STATE
DEC Region: 7
Site Status: Unregulated
Program Type: PBS
Expiration Date: N/A
UTM X: 400135.00154000003
UTM Y: 4768239.0638699997

Actual:
438 ft.

Affiliation Records:
Site Id: 44572
Affiliation Type: On-Site Operator
Company Name: CORRENTE SERVICE STATION
Contact Type: Not reported
Contact Name: JAMES CORRENTE
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (315) 487-0410
Phone Ext: Not reported
Email: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CORRENTE SERVICE STATION (Continued)

U001848518

Site Id: 44572
Affiliation Type: Owner
Company Name: JAMES CORRENTE
Contact Type: Not reported
Contact Name: Not reported
Address1: 2917 MILTON AVE.
Address2: Not reported
City: SOLVAY
State: NY
Zip Code: 13209
Country Code: 001
Phone: (315) 468-3459
Phone Ext: Not reported
Email: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Site Id: 44572
Affiliation Type: Emergency Contact
Company Name: JAMES CORRENTE
Contact Type: Not reported
Contact Name: PAULINS CORRENTE
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (315) 468-3459
Phone Ext: Not reported
Email: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Site Id: 44572
Affiliation Type: Mail Contact
Company Name: JAMES CORRENTE
Contact Type: Not reported
Contact Name: Not reported
Address1: 2917 MILTON AVE.
Address2: Not reported
City: SOLVAY
State: NY
Zip Code: 13209
Country Code: 001
Phone: (315) 468-3459
Phone Ext: Not reported
Email: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Equipment Records:

D02 - Pipe Type - Galvanized Steel
A00 - Tank Internal Protection - None

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CORRENTE SERVICE STATION (Continued)

U001848518

G00 - Tank Secondary Containment - None
H00 - Tank Leak Detection - None
G00 - Tank Secondary Containment - None
B00 - Tank External Protection - None
D02 - Pipe Type - Galvanized Steel
I00 - Overfill - None
J02 - Dispenser - Suction
J02 - Dispenser - Suction
H00 - Tank Leak Detection - None
A00 - Tank Internal Protection - None
I00 - Overfill - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
I00 - Overfill - None
H00 - Tank Leak Detection - None
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
A00 - Tank Internal Protection - None
J02 - Dispenser - Suction
F00 - Pipe External Protection - None
D02 - Pipe Type - Galvanized Steel
G00 - Tank Secondary Containment - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None

Tank Info:

Site ID: 44572

Tank Number: 001
Tank ID: 127846
Tank Status: Closed - Removed
Tank Model: Not reported
Pipe Model: Not reported
Install Date: 12/1/1974
Capacity Gallons: 4000
Tightness Test Method: 01
Next Test Date: Not reported
Date Tank Closed: 11/1/1992
Tank Location: 5
Tank Type: Steel/carbon steel
Date Test: 9/1/1989
Register: True
Modified By: TRANSLAT
Last Modified: 3/4/2004

Site ID: 44572

Tank Number: 002
Tank ID: 127847
Tank Status: Closed - Removed
Tank Model: Not reported
Pipe Model: Not reported
Install Date: 12/1/1974
Capacity Gallons: 4000
Tightness Test Method: 01
Next Test Date: Not reported
Date Tank Closed: 11/1/1992

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CORRENTE SERVICE STATION (Continued)

U001848518

Tank Location: 5
Tank Type: Steel/carbon steel
Date Test: 9/1/1989
Register: True
Modified By: TRANSLAT
Last Modified: 3/4/2004

Site ID: 44572

Tank Number: 003
Tank ID: 127848
Tank Status: Closed - Removed
Tank Model: Not reported
Pipe Model: Not reported
Install Date: 12/1/1972
Capacity Gallons: 5000
Tightness Test Method: 01
Next Test Date: Not reported
Date Tank Closed: 11/1/1992
Tank Location: 5
Tank Type: Steel/carbon steel
Date Test: 9/1/1989
Register: True
Modified By: TRANSLAT
Last Modified: 3/4/2004

HIST UST:

PBS Number: 7-122076
SPDES Number: Not reported
Emergency Contact: PAULINS CORRENTE
Emergency Telephone: (315) 468-3459
Operator: JAMES CORRENTE
Operator Telephone: (315) 487-0410
Owner Name: JAMES CORRENTE
Owner Address: 2917 MILTON AVE.
Owner City,St,Zip: SOLVAY, NY 13209
Owner Telephone: (315) 468-3459
Owner Type: Corporate/Commercial
Owner Subtype: Not reported
Mailing Name: JAMES CORRENTE
Mailing Address: 2917 MILTON AVE.
Mailing Address 2: Not reported
Mailing City,St,Zip: SOLVAY, NY 13209
Mailing Contact: Not reported
Mailing Telephone: (315) 468-3459
Owner Mark: First Owner
Facility Status: 2 - Unregulated by PBS (the total capacity is less than 1,101 gallons)
and Subpart 360-14.
Facility Addr2: Not reported
SWIS ID: 3132
Old PBS Number: Not reported
Facility Type: RETAIL GASOLINE SALES
Inspected Date: Not reported
Inspector: Not reported
Inspection Result: Not reported
Federal ID: Not reported
Certification Flag: False

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CORRENTE SERVICE STATION (Continued)

U001848518

Certification Date: 02/21/1992
Expiration Date: 03/10/1997
Renew Flag: False
Renewal Date: Not reported
Total Capacity: 0
FAMT: True
Facility Screen: No Missing Data
Owner Screen: Minor Data Missing
Tank Screen: 0
Dead Letter: False
CBS Number: Not reported
Town or City: GEDDES
County Code: 31
Town or City: 32
Region: 7

Tank Id: 001
Tank Location: UNDERGROUND
Tank Status: Closed-Removed
Install Date: 19741201
Capacity (gals): 4000
Product Stored: UNLEADED GASOLINE
Tank Type: Steel/carbon steel
Tank Internal: Not reported
Tank External: Not reported
Pipe Location: Not reported
Pipe Type: GALVANIZED STEEL
Pipe Internal: Not reported
Pipe External: Not reported
Second Containment: None
Leak Detection: None
Overfill Prot: Not reported
Dispenser: Suction
Date Tested: 09/01/1989
Next Test Date: Not reported
Missing Data for Tank: Minor Data Missing
Date Closed: 11/01/1992
Test Method: Petro-Tite
Deleted: False
Updated: True
Lat/long: Not reported

Tank Id: 002
Tank Location: UNDERGROUND
Tank Status: Closed-Removed
Install Date: 19741201
Capacity (gals): 4000
Product Stored: LEADED GASOLINE
Tank Type: Steel/carbon steel
Tank Internal: Not reported
Tank External: Not reported
Pipe Location: Not reported
Pipe Type: GALVANIZED STEEL
Pipe Internal: Not reported
Pipe External: Not reported
Second Containment: None

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CORRENTE SERVICE STATION (Continued)

U001848518

Leak Detection: None
Overfill Prot: Not reported
Dispenser: Suction
Date Tested: 09/01/1989
Next Test Date: Not reported
Missing Data for Tank: Minor Data Missing
Date Closed: 11/01/1992
Test Method: Petro-Tite
Deleted: False
Updated: True
Lat/long: Not reported

Tank Id: 003
Tank Location: UNDERGROUND
Tank Status: Closed-Removed
Install Date: 19721201
Capacity (gals): 5000
Product Stored: UNLEADED GASOLINE
Tank Type: Steel/carbon steel
Tank Internal: Not reported
Tank External: Not reported
Pipe Location: Not reported
Pipe Type: GALVANIZED STEEL
Pipe Internal: Not reported
Pipe External: Not reported
Second Containment: None
Leak Detection: None
Overfill Prot: Not reported
Dispenser: Suction
Date Tested: 09/01/1989
Next Test Date: Not reported
Missing Data for Tank: Minor Data Missing
Date Closed: 11/01/1992
Test Method: Petro-Tite
Deleted: False
Updated: True
Lat/long: Not reported

NY Spills:
Site ID: 325188
Facility Addr2: Not reported
Facility ID: 9209206
Spill Number: 9209206
Facility Type: ER
SWIS: 3400
Investigator: CFMANNES
Referred To: Not reported
Spill Date: 11/5/1992
Reported to Dept: 11/5/1992
CID: Not reported
Spill Cause: Unknown
Water Affected: Not reported
Spill Source: Gasoline Station
Spill Notifier: DEC
Cleanup Ceased: 10/31/1994
Cleanup Meets Std: False

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CORRENTE SERVICE STATION (Continued)

U001848518

Last Inspection: Not reported
Recommended Penalty: Penalty Not Recommended
UST Trust: True
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt: 10/31/1994
Remediation Phase: 0
Date Entered In Computer: 11/9/1992
Spill Record Last Update: 1/9/1995
Spiller Name: Not reported
Spiller Company: JAMES CORRENTE
Spiller Address: 2917 MILTON AVE
Spiller City,St,Zip: SYRACUSE, NY 13209
Spiller Company: 001
Contact Name: Not reported
Contact Phone: Not reported
DEC Region: 7
DER Facility ID: 261958
DEC Memo: Prior to Sept, 2004 data translation this spill Lead_DEC Field was "CM" 11/06/92: TANK PULL OLD GAS STATION TANKS WERE IN GOOD SHAPE, EXCAVATED SOIL HAD PETRO-LIKE SMELLS, SOIL STAGED BEHIND BUILDING. 09/28/95: This is additional information about material spilled from the translation of the old spill file: OLD GAS/OVERFILL.
Remarks: TANKPULLTANKS TESTED TIGHT, SELLING PROPERTY. CONTAMINATION MOST LIKELY DUE TO OVERFILLS OR PREVIOUS TANK REMOVAL/INSTALLATION OLD GAS STATION

Material:
Site ID: 325188
Operable Unit ID: 972861
Operable Unit: 01
Material ID: 406265
Material Code: 0009
Material Name: Gasoline
Case No.: Not reported
Material FA: Petroleum
Quantity: 0
Units: Gallons
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:
Site ID: Not reported
Spill Tank Test: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate: Not reported
Gross Fail: Not reported
Modified By: Not reported
Last Modified: Not reported
Test Method: Not reported

NY Hist Spills:
Region of Spill: 7

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CORRENTE SERVICE STATION (Continued)

U001848518

Spill Number: 9209206
Investigator: CM
Caller Name: Not reported
Caller Agency: Not reported
Caller Phone: Not reported
Notifier Name: Not reported
Notifier Agency: Not reported
Notifier Phone: Not reported
Spill Date/Time: 11/05/1992 11:30
Reported to Dept Date/Time: 11/05/92 11:30
SWIS: 31
Spiller Name: JAMES CORRENTE
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Address: 2917 MILTON AVE
Spiller City,St,Zip: SYRACUSE, NY 13209
Spill Cause: Unknown
Reported to Dept: On Land
Water Affected: Not reported
Spill Source: 05
Spill Notifier: DEC
PBS Number: Not reported
Cleanup Ceased: 10/31/94
Cleanup Meets Std: False
Last Inspection: / /
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Dt: / /
Enforcement Date: / /
Invstgn Complete: / /
UST Involvement: True
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.
Willing Responsible Party. Corrective action taken.
Spill Closed Dt: 10/31/94
Corrective Action Plan Submitted: / /
Date Region Sent Summary to Central Office: / /
Date Spill Entered In Computer Data File: 11/09/92
Date Spill Entered In Computer Data File: Not reported
Update Date: 01/09/95
Is Updated: False
Tank:
PBS Number: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported
Material:
Material Class Type: Petroleum
Quantity Spilled: 0
Unkonwn Quantity Spilled: False
Units: Gallons
Quantity Recovered: 0
Unkonwn Quantity Recovered: False
Material: GASOLINE
Class Type: GASOLINE
Times Material Entry In File: 21329

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CORRENTE SERVICE STATION (Continued)

U001848518

CAS Number: Not reported
Last Date: 19940929
DEC Remarks: 11/06/92: TANK PULL OLD GAS STATION TANKS WERE IN GOOD SHAPE, EXCAVATED SOIL HAD PETRO-LIKE SMELLS, SOIL STAGED BEHIND BUILDING. 09/28/95: This is additional information about material spilled from the translation of the old spill file: OLD GAS/OVERFILL.
Remark: TANKPULLTANKS TESTED TIGHT, SELLING PROPERTY. CONTAMINATION MOST LIKELY DUE TO OVERFILLS OR PREVIOUS TANK REMOVAL/INSTALLATION OLD GAS STATION

V109
ESE
> 1
1.388 mi.
7328 ft.

**SOLVAY BIG M
2909 MILTON AVE
SOLVAY, NY 13029**
Site 4 of 4 in cluster V

**UST U003178794
HIST UST N/A**

**Relative:
Higher**

UST:
Facility Id: 7-600521
Region: STATE
DEC Region: 7
Site Status: Active
Program Type: PBS
Expiration Date: 2012/04/18
UTM X: 400141.26325999998
UTM Y: 4768243.9707000004

**Actual:
437 ft.**

Affiliation Records:
Site Id: 46959
Affiliation Type: Emergency Contact
Company Name: SCHMITT SALES, INC.
Contact Type: Not reported
Contact Name: TERRY MAHON
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: (716) 639-1500
Phone Ext: Not reported
Email: Not reported
Fax Number: Not reported
Modified By: JDALSANT
Date Last Modified: 7/6/2010

Site Id: 46959
Affiliation Type: Mail Contact
Company Name: SCHMITT SALES, INC.
Contact Type: OPERATIONS MANAGER
Contact Name: TERRY MAHON
Address1: 2101 ST. RITA'S LANE
Address2: Not reported
City: BUFFALO
State: NY
Zip Code: 14221
Country Code: 001
Phone: (716) 639-1500
Phone Ext: Not reported
Email: TMAHON@SCHMITTSALES.COM

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOLVAY BIG M (Continued)

U003178794

Fax Number: Not reported
Modified By: jlrogers
Date Last Modified: 5/21/2010

Site Id: 46959
Affiliation Type: Owner
Company Name: SCHMITT SALES, INC.
Contact Type: OPERATIONS MANAGER
Contact Name: TERRY MAHON
Address1: 2101 ST. RITA'S LANE
Address2: Not reported
City: BUFFALO
State: NY
Zip Code: 14221
Country Code: 001
Phone: (716) 639-1500
Phone Ext: Not reported
Email: TMAHON@SCHMITTSALES.COM
Fax Number: Not reported
Modified By: jlrogers
Date Last Modified: 5/21/2010

Site Id: 46959
Affiliation Type: On-Site Operator
Company Name: SOLVAY BIG M
Contact Type: Not reported
Contact Name: TAHA ALASHWAL
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (315) 468-0907
Phone Ext: Not reported
Email: Not reported
Fax Number: Not reported
Modified By: KCKemp
Date Last Modified: 3/8/2007

Equipment Records:

A00 - Tank Internal Protection - None
D11 - Pipe Type - Flexible Piping
G04 - Tank Secondary Containment - Double-Walled (Underground)
L07 - Piping Leak Detection - Pressurized Piping Leak Detector
J01 - Dispenser - Submersible
L08 - Piping Leak Detection - Tank Top Sump
I01 - Overfill - Float Vent Valve
K01 - Spill Prevention - Catch Basin
C02 - Pipe Location - Underground/On-ground
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
F00 - Pipe External Protection - None
B05 - Tank External Protection - Jacketed
E04 - Piping Secondary Containment - Double-Walled (Underground)
I01 - Overfill - Float Vent Valve
G04 - Tank Secondary Containment - Double-Walled (Underground)
D11 - Pipe Type - Flexible Piping

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOLVAY BIG M (Continued)

U003178794

- J01 - Dispenser - Submersible
- H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
- H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
- J01 - Dispenser - Submersible
- L07 - Piping Leak Detection - Pressurized Piping Leak Detector
- D11 - Pipe Type - Flexible Piping
- G04 - Tank Secondary Containment - Double-Walled (Underground)
- L07 - Piping Leak Detection - Pressurized Piping Leak Detector
- L08 - Piping Leak Detection - Tank Top Sump
- L08 - Piping Leak Detection - Tank Top Sump
- C02 - Pipe Location - Underground/On-ground
- A00 - Tank Internal Protection - None
- C02 - Pipe Location - Underground/On-ground
- I01 - Overfill - Float Vent Valve
- A00 - Tank Internal Protection - None
- B05 - Tank External Protection - Jacketed
- E04 - Piping Secondary Containment - Double-Walled (Underground)
- E04 - Piping Secondary Containment - Double-Walled (Underground)
- K01 - Spill Prevention - Catch Basin
- K01 - Spill Prevention - Catch Basin
- B05 - Tank External Protection - Jacketed
- F00 - Pipe External Protection - None
- F00 - Pipe External Protection - None

Tank Info:

Site ID: 46959

Tank Number: 001A
Tank ID: 137963
Tank Status: In Service
Tank Model: 107
Pipe Model: Not reported
Install Date: 2/1/1997
Capacity Gallons: 10000
Tightness Test Method: NN
Next Test Date: Not reported
Date Tank Closed: Not reported
Tank Location: 5
Tank Type: Steel/carbon steel
Date Test: Not reported
Register: True
Modified By: KCKEMP
Last Modified: 9/9/2010

Site ID: 46959

Tank Number: 001B
Tank ID: 235891
Tank Status: In Service
Tank Model: 107
Pipe Model: Not reported
Install Date: 2/1/1997
Capacity Gallons: 6000
Tightness Test Method: NN
Next Test Date: Not reported
Date Tank Closed: Not reported
Tank Location: 5
Tank Type: Steel/carbon steel

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOLVAY BIG M (Continued)

U003178794

Date Test: Not reported
Register: True
Modified By: KCKEMP
Last Modified: 9/9/2010

Site ID: 46959

Tank Number: 002
Tank ID: 137964
Tank Status: In Service
Tank Model: 107
Pipe Model: Not reported
Install Date: 2/1/1997
Capacity Gallons: 1000
Tightness Test Method: NN
Next Test Date: Not reported
Date Tank Closed: Not reported
Tank Location: 5
Tank Type: Steel/carbon steel
Date Test: Not reported
Register: True
Modified By: KCKemp
Last Modified: 3/8/2007

HIST UST:

PBS Number: 7-600521
SPDES Number: Not reported
Emergency Contact: TERRY MAHON
Emergency Telephone: (716) 639-1500
Operator: RICHARD NOLAN
Operator Telephone: (315) 468-5741
Owner Name: SCHMITT SALES, INC.
Owner Address: 2101 ST. RITA'S LANE
Owner City,St,Zip: BUFFALO, NY 14221
Owner Telephone: (716) 639-1500
Owner Type: Corporate/Commercial
Owner Subtype: Not reported
Mailing Name: SCHMITT SALES, INC.
Mailing Address: 2101 ST. RITA'S LANE
Mailing Address 2: Not reported
Mailing City,St,Zip: BUFFALO, NY 14221
Mailing Contact: PETER C. SCHMITT SR.
Mailing Telephone: (716) 639-1500
Owner Mark: First Owner
Facility Status: 1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.

Facility Addr2: Not reported
SWIS ID: 3132
Old PBS Number: Not reported
Facility Type: RETAIL GASOLINE SALES
Inspected Date: Not reported
Inspector: Not reported
Inspection Result: Not reported
Federal ID: Not reported
Certification Flag: False
Certification Date: 04/30/1997

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOLVAY BIG M (Continued)

U003178794

Expiration Date: 04/18/2002
Renew Flag: False
Renewal Date: 20011217
Total Capacity: 17000
FAMT: True
Facility Screen: No Missing Data
Owner Screen: No Missing Data
Tank Screen: No Missing Data
Dead Letter: False
CBS Number: Not reported
Town or City: GEDDES
County Code: 31
Town or City: 32
Region: 7

Tank Id: 001
Tank Location: UNDERGROUND
Tank Status: In Service
Install Date: 19970201
Capacity (gals): 16000
Product Stored: UNLEADED GASOLINE
Tank Type: Equivalent technology
Tank Internal: None
Tank External: Fiberglass
Pipe Location: Underground
Pipe Type: STAINLESS STEEL ALLOY
Pipe Internal: Fiberglass Liner (FRP)
Pipe External: Fiberglass
Second Containment: Vault (w/access)
Leak Detection: Electronic
Overfill Prot: Float Vent Valve
Dispenser: Submersible
Date Tested: Not reported
Next Test Date: Not reported
Missing Data for Tank: No Missing Data
Date Closed: Not reported
Test Method: Not reported
Deleted: False
Updated: True
Lat/long: Not reported

Tank Id: 002
Tank Location: UNDERGROUND
Tank Status: In Service
Install Date: 19970201
Capacity (gals): 1000
Product Stored: KEROSENE
Tank Type: Equivalent technology
Tank Internal: None
Tank External: Fiberglass
Pipe Location: Underground
Pipe Type: STAINLESS STEEL ALLOY
Pipe Internal: Fiberglass Liner (FRP)
Pipe External: Fiberglass
Second Containment: Vault (w/access)
Leak Detection: Electronic

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

SOLVAY BIG M (Continued)

U003178794

Overfill Prot: Float Vent Valve
 Dispenser: Submersible
 Date Tested: Not reported
 Next Test Date: Not reported
 Missing Data for Tank: No Missing Data
 Date Closed: Not reported
 Test Method: Not reported
 Deleted: False
 Updated: True
 Lat/long: Not reported

W110
East
> 1
1.392 mi.
7351 ft.

SYRACUSE EXECUTIVE AIR
SYRACUSE AIRPORT
SYRACUSE, NY

LTANKS **S104782082**
HIST LTANKS **N/A**

Site 1 of 2 in cluster W

Relative:
Lower

LTANKS:

Actual:
375 ft.

Site ID: 231763
 Spill No: 0005777
 Spill Date: 8/14/2000
 Spill Cause: Tank Failure
 Spill Source: Commercial/Industrial
 Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
 Spill Closed Dt: 8/5/2002
 Facility Addr2: Not reported
 Cleanup Ceased: Not reported
 Cleanup Meets Standard: False
 SWIS: 3400
 Investigator: CFMANNES
 Referred To: Not reported
 Reported to Dept: 8/14/2000
 CID: 257
 Water Affected: Not reported
 Spill Notifier: Other
 Last Inspection: Not reported
 Recommended Penalty: Penalty Not Recommended
 UST Involvement: False
 Remediation Phase: 0
 Date Entered In Computer: 8/14/2000
 Spill Record Last Update: 8/5/2002
 Spiller Name: GENE STADELMAN
 Spiller Company: SYRACUSE EXECUTIVE AIR
 Spiller Address: SYRACUSE AIRPORT
 Spiller City,St,Zip: SYRACUSE, NY
 Spiller County: 001
 Spiller Contact: GENE STADELMAN
 Spiller Phone: (315) 455-2000
 Spiller Extention: 210
 DEC Region: 7
 DER Facility ID: 277443
 DEC Memo: Prior to Sept, 2004 data translation this spill Lead_DEC Field was "CM" NO DATA PROVIDED TO DEC
 Remarks: during a tank replacement caller found contaminated soil - unknown if product is jet fuel or oil - tank is at hanger #6

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SYRACUSE EXECUTIVE AIR (Continued)

S104782082

Material:

Site ID: 231763
Operable Unit ID: 826769
Operable Unit: 01
Material ID: 546922
Material Code: 0066A
Material Name: UNKNOWN PETROLEUM
Case No.: Not reported
Material FA: Petroleum
Quantity: 0
Units: Gallons
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:

Site ID: Not reported
Spill Tank Test: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate: Not reported
Gross Fail: Not reported
Modified By: Not reported
Last Modified: Not reported
Test Method: Not reported

HIST LTANKS:

Region of Spill: 7
Spill Number: 0005777
Spill Date: 08/14/2000
Spill Time: 13:00
Spill Cause: Tank Failure
Resource Affectd: On Land
Water Affected: Not reported
Spill Source: Other Commercial/Industrial
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.
Willing Responsible Party. Corrective action taken.
Spill Closed Dt: / /
Cleanup Ceased: / /
Cleanup Meets Standard: False
Investigator: CM
Caller Name: Not reported
Caller Agency: Not reported
Caller Phone: Not reported
Caller Extension: Not reported
Notifier Name: Not reported
Notifier Agency: Not reported
Notifier Phone: Not reported
Notifier Extension: Not reported
Reported to Department Date: 08/14/00
Reported to Department Time: 13:13
SWIS: 31
Spiller Contact: GENE STADELMAN
Spiller Phone: (315) 455-2000

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SYRACUSE EXECUTIVE AIR (Continued)

S104782082

Spiller Extention: 210
Spiller Name: SYRACUSE EXECUTIVE AIR
Spiller Address: SYRACUSE AIRPORT
Spiller City,St,Zip: SYRACUSE, NY
Spiller Cleanup Date: / /
Facility Contact: GENE STADELMAN
Facility Phone: (315) 455-2000
Facility Extention: 210
Spill Notifier: Other
PBS Number: Not reported
Last Inspection: / /
Recommended Penalty: Penalty Not Recommended
Enforcement Date: / /
Investigation Complete: / /
UST Involvement: False
Date Region Sent Summary to Central Office: / /
Corrective Action Plan Submitted: / /
Date Spill Entered In Computer Data File: 08/14/00
Time Spill Entered In Computer Data File: Not reported
Spill Record Last Update: 11/02/00
Is Updated: False

Tank:

PBS Number: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported

Material:

Material Class Type: Petroleum
Quantity Spilled: 0
Unkonwn Quantity Spilled: True
Units: Gallons
Quantity Recovered: 0
Unkonwn Quantity Recovered: False
Material: UNKNOWN PETROLEUM
Class Type: UNKNOWN PETROLEUM
Times Material Entry In File: 16414
CAS Number: Not reported
Last Date: 19940929
DEC Remarks: Not reported
Spill Cause: during a tank replacement caller found contaminated soil - unknown if product is jet fuel or oil - tank is at hanger 6

111
SSE
> 1
1.402 mi.
7403 ft.

**POOJA ENTERPRISES
3385 MILTON AVE
SYRACUSE, NY 13219**

**UST U001848561
HIST UST N/A**

**Relative:
Higher**

UST:
Facility Id: 7-128015
Region: STATE
DEC Region: 7
Site Status: Active
Program Type: PBS

**Actual:
439 ft.**

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

POOJA ENTERPRISES (Continued)

U001848561

Expiration Date: 2014/08/24
UTM X: 399471.75017000001
UTM Y: 4767622.8816

Affiliation Records:

Site Id: 44652
Affiliation Type: Mail Contact
Company Name: POOJA ENTERPRISES
Contact Type: Not reported
Contact Name: CHANDER P. LAL
Address1: 3385 MILTON AVE.
Address2: Not reported
City: SYRACUSE
State: NY
Zip Code: 13219
Country Code: 001
Phone: 315) 488-7944
Phone Ext: Not reported
Email: POOJASUNOCO@YAHOO.COM
Fax Number: Not reported
Modified By: KCKEMP
Date Last Modified: 6/12/2009

Site Id: 44652
Affiliation Type: On-Site Operator
Company Name: POOJA ENTERPRISES
Contact Type: Not reported
Contact Name: CHANDER P. LAL
Address1: Not reported
Address2: Not reported
City: Not reported
State: NY
Zip Code: Not reported
Country Code: 001
Phone: 315) 488-7944
Phone Ext: Not reported
Email: Not reported
Fax Number: Not reported
Modified By: KCKEMP
Date Last Modified: 12/18/2009

Site Id: 44652
Affiliation Type: Emergency Contact
Company Name: CHANDER PAL LAL
Contact Type: Not reported
Contact Name: CHANDER P. LAL
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: (315) 468-2415
Phone Ext: Not reported
Email: Not reported
Fax Number: Not reported
Modified By: KCKEMP
Date Last Modified: 12/18/2009

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

POOJA ENTERPRISES (Continued)

U001848561

Site Id: 44652
Affiliation Type: Owner
Company Name: CHANDER PAL LAL
Contact Type: OWNER
Contact Name: CHANDER P. LAL
Address1: 97 MAPLE RD.
Address2: Not reported
City: SYRACUSE
State: NY
Zip Code: 13219
Country Code: 001
Phone: (315) 468-2415
Phone Ext: Not reported
Email: Not reported
Fax Number: Not reported
Modified By: KCKEMP
Date Last Modified: 12/18/2009

Equipment Records:

F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
C00 - Pipe Location - No Piping
G00 - Tank Secondary Containment - None
A01 - Tank Internal Protection - Epoxy Liner
H99 - Tank Leak Detection - Other
H05 - Tank Leak Detection - In-Tank System (ATG)
H99 - Tank Leak Detection - Other
J01 - Dispenser - Submersible
A00 - Tank Internal Protection - None
L01 - Piping Leak Detection - Interstitial - Electronic Monitoring
G04 - Tank Secondary Containment - Double-Walled (Underground)
L07 - Piping Leak Detection - Pressurized Piping Leak Detector
D02 - Pipe Type - Galvanized Steel
A00 - Tank Internal Protection - None
A00 - Tank Internal Protection - None
J01 - Dispenser - Submersible
J01 - Dispenser - Submersible
D02 - Pipe Type - Galvanized Steel
A00 - Tank Internal Protection - None
B00 - Tank External Protection - None
B00 - Tank External Protection - None
B00 - Tank External Protection - None
E04 - Piping Secondary Containment - Double-Walled (Underground)
J01 - Dispenser - Submersible
I03 - Overfill - Automatic Shut-Off
E04 - Piping Secondary Containment - Double-Walled (Underground)
L01 - Piping Leak Detection - Interstitial - Electronic Monitoring
A01 - Tank Internal Protection - Epoxy Liner
J01 - Dispenser - Submersible
D02 - Pipe Type - Galvanized Steel
J01 - Dispenser - Submersible
L01 - Piping Leak Detection - Interstitial - Electronic Monitoring
I00 - Overfill - None
H05 - Tank Leak Detection - In-Tank System (ATG)
G00 - Tank Secondary Containment - None
I03 - Overfill - Automatic Shut-Off
I00 - Overfill - None

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

POOJA ENTERPRISES (Continued)

U001848561

- I03 - Overfill - Automatic Shut-Off
- H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
- A00 - Tank Internal Protection - None
- H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
- H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
- F00 - Pipe External Protection - None
- K01 - Spill Prevention - Catch Basin
- C00 - Pipe Location - No Piping
- I04 - Overfill - Product Level Gauge (A/G)
- C00 - Pipe Location - No Piping
- F00 - Pipe External Protection - None
- C00 - Pipe Location - No Piping
- C00 - Pipe Location - No Piping
- C00 - Pipe Location - No Piping
- K01 - Spill Prevention - Catch Basin
- C00 - Pipe Location - No Piping
- F00 - Pipe External Protection - None
- K01 - Spill Prevention - Catch Basin
- D11 - Pipe Type - Flexible Piping
- D11 - Pipe Type - Flexible Piping
- G00 - Tank Secondary Containment - None
- F05 - Pipe External Protection - Jacketed
- B00 - Tank External Protection - None
- B00 - Tank External Protection - None
- G00 - Tank Secondary Containment - None
- B00 - Tank External Protection - None
- F05 - Pipe External Protection - Jacketed
- G04 - Tank Secondary Containment - Double-Walled (Underground)
- G04 - Tank Secondary Containment - Double-Walled (Underground)
- F05 - Pipe External Protection - Jacketed
- L07 - Piping Leak Detection - Pressurized Piping Leak Detector
- B00 - Tank External Protection - None
- L07 - Piping Leak Detection - Pressurized Piping Leak Detector
- D11 - Pipe Type - Flexible Piping
- E04 - Piping Secondary Containment - Double-Walled (Underground)
- D02 - Pipe Type - Galvanized Steel
- J01 - Dispenser - Submersible
- J01 - Dispenser - Submersible
- A01 - Tank Internal Protection - Epoxy Liner
- H99 - Tank Leak Detection - Other
- D02 - Pipe Type - Galvanized Steel
- G00 - Tank Secondary Containment - None
- B00 - Tank External Protection - None
- F00 - Pipe External Protection - None
- I04 - Overfill - Product Level Gauge (A/G)
- C00 - Pipe Location - No Piping

Tank Info:

Site ID: 44652

Tank Number: 001
Tank ID: 128163
Tank Status: Closed Prior to Micro Conversion, 03/91
Tank Model: Not reported
Pipe Model: Not reported
Install Date: 10/1/1969
Capacity Gallons: 8000
Tightness Test Method: 01

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

POOJA ENTERPRISES (Continued)

U001848561

Next Test Date: Not reported
Date Tank Closed: Not reported
Tank Location: 5
Tank Type: Steel/carbon steel
Date Test: 7/1/1986
Register: True
Modified By: TRANSLAT
Last Modified: 3/4/2004

Site ID: 44652

Tank Number: 002
Tank ID: 128164
Tank Status: Closed Prior to Micro Conversion, 03/91
Tank Model: Not reported
Pipe Model: Not reported
Install Date: 10/1/1969
Capacity Gallons: 8000
Tightness Test Method: 01
Next Test Date: Not reported
Date Tank Closed: Not reported
Tank Location: 5
Tank Type: Steel/carbon steel
Date Test: 7/1/1986
Register: True
Modified By: TRANSLAT
Last Modified: 3/4/2004

Site ID: 44652

Tank Number: 003
Tank ID: 128165
Tank Status: Closed Prior to Micro Conversion, 03/91
Tank Model: Not reported
Pipe Model: Not reported
Install Date: 6/1/1974
Capacity Gallons: 8000
Tightness Test Method: 01
Next Test Date: Not reported
Date Tank Closed: Not reported
Tank Location: 5
Tank Type: Steel/carbon steel
Date Test: 7/1/1986
Register: True
Modified By: TRANSLAT
Last Modified: 3/4/2004

Site ID: 44652

Tank Number: 004-M1
Tank ID: 128166
Tank Status: In Service
Tank Model: Not reported
Pipe Model: E
Install Date: 12/1/1989
Capacity Gallons: 10000
Tightness Test Method: 21

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

POOJA ENTERPRISES (Continued)

U001848561

Next Test Date: Not reported
Date Tank Closed: Not reported
Tank Location: 5
Tank Type: Equivalent technology
Date Test: 5/13/2009
Register: True
Modified By: KCKEMP
Last Modified: 12/18/2009

Site ID: 44652

Tank Number: 005-S1
Tank ID: 128167
Tank Status: In Service
Tank Model: Not reported
Pipe Model: E
Install Date: 12/1/1989
Capacity Gallons: 10000
Tightness Test Method: 21
Next Test Date: Not reported
Date Tank Closed: Not reported
Tank Location: 5
Tank Type: Equivalent technology
Date Test: 5/13/2009
Register: True
Modified By: KCKEMP
Last Modified: 12/18/2009

Site ID: 44652

Tank Number: 006
Tank ID: 128168
Tank Status: In Service
Tank Model: Not reported
Pipe Model: E
Install Date: 12/1/1989
Capacity Gallons: 10000
Tightness Test Method: 21
Next Test Date: Not reported
Date Tank Closed: Not reported
Tank Location: 5
Tank Type: Equivalent technology
Date Test: 5/13/2009
Register: True
Modified By: KCKEMP
Last Modified: 12/18/2009

Site ID: 44652

Tank Number: 007
Tank ID: 135175
Tank Status: Closed - Removed
Tank Model: Not reported
Pipe Model: Not reported
Install Date: 1/1/1962
Capacity Gallons: 550
Tightness Test Method: 20

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

POOJA ENTERPRISES (Continued)

U001848561

Next Test Date: Not reported
Date Tank Closed: 4/1/1995
Tank Location: 5
Tank Type: Steel/carbon steel
Date Test: 12/1/1994
Register: True
Modified By: TRANSLAT
Last Modified: 3/4/2004

Site ID: 44652

Tank Number: 008
Tank ID: 135176
Tank Status: Closed - Removed
Tank Model: Not reported
Pipe Model: Not reported
Install Date: 1/1/1962
Capacity Gallons: 550
Tightness Test Method: NN
Next Test Date: Not reported
Date Tank Closed: Not reported
Tank Location: 5
Tank Type: Steel/carbon steel
Date Test: Not reported
Register: True
Modified By: TRANSLAT
Last Modified: 3/4/2004

HIST UST:

PBS Number: 7-128015
SPDES Number: Not reported
Emergency Contact: LARRY BALLAY
Emergency Telephone: (800) 786-9494
Operator: CHANDER P. LAL
Operator Telephone: (315) 488-7944
Owner Name: ATLANTIC REFINING & MARKETING CORP.
Owner Address: 1801 MARKET ST.
Owner City,St,Zip: PHILADELPHIA, PA 19103
Owner Telephone: (215) 246-8513
Owner Type: Corporate/Commercial
Owner Subtype: Not reported
Mailing Name: ATLANTIC REFINING & MARKETING CORP.
Mailing Address: 1801 MARKET ST.
Mailing Address 2: 20/10PC
Mailing City,St,Zip: PHILADELPHIA, PA 19103
Mailing Contact: UST COORDINATOR
Mailing Telephone: (215) 246-8513
Owner Mark: First Owner
Facility Status: 1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.

Facility Addr2: Not reported
SWIS ID: 3120
Old PBS Number: Not reported
Facility Type: RETAIL GASOLINE SALES
Inspected Date: Not reported
Inspector: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

POOJA ENTERPRISES (Continued)

U001848561

Inspection Result: Not reported
Federal ID: Not reported
Certification Flag: False
Certification Date: 11/19/1998
Expiration Date: 03/24/2002
Renew Flag: False
Renewal Date: 20011113
Total Capacity: 30000
FAMT: True
Facility Screen: No Missing Data
Owner Screen: No Missing Data
Tank Screen: Minor Data Missing
Dead Letter: False
CBS Number: Not reported
Town or City: CAMILLUS
County Code: 31
Town or City: 20
Region: 7

Tank Id: 001
Tank Location: UNDERGROUND
Tank Status: Closed Before April 1, 1991
Install Date: 19691001
Capacity (gals): 8000
Product Stored: UNLEADED GASOLINE
Tank Type: Steel/carbon steel
Tank Internal: Epoxy Liner
Tank External: Not reported
Pipe Location: Not reported
Pipe Type: GALVANIZED STEEL
Pipe Internal: Not reported
Pipe External: Not reported
Second Containment: None
Leak Detection: Other
Overfill Prot: Product Level Gauge
Dispenser: Submersible
Date Tested: 07/01/1986
Next Test Date: Not reported
Missing Data for Tank: Minor Data Missing
Date Closed: Not reported
Test Method: Petro-Tite
Deleted: False
Updated: False
Lat/long: Not reported

Tank Id: 002
Tank Location: UNDERGROUND
Tank Status: Closed Before April 1, 1991
Install Date: 19691001
Capacity (gals): 8000
Product Stored: LEADED GASOLINE
Tank Type: Steel/carbon steel
Tank Internal: Epoxy Liner
Tank External: Not reported
Pipe Location: Not reported
Pipe Type: GALVANIZED STEEL

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

POOJA ENTERPRISES (Continued)

U001848561

Pipe Internal: Not reported
Pipe External: Not reported
Second Containment: None
Leak Detection: Other
Overfill Prot: Product Level Gauge
Dispenser: Submersible
Date Tested: 07/01/1986
Next Test Date: Not reported
Missing Data for Tank: Minor Data Missing
Date Closed: Not reported
Test Method: Petro-Tite
Deleted: False
Updated: False
Lat/long: Not reported

Tank Id: 003
Tank Location: UNDERGROUND
Tank Status: Closed Before April 1, 1991
Install Date: 19740601
Capacity (gals): 8000
Product Stored: UNLEADED GASOLINE
Tank Type: Steel/carbon steel
Tank Internal: Epoxy Liner
Tank External: Not reported
Pipe Location: Not reported
Pipe Type: GALVANIZED STEEL
Pipe Internal: Not reported
Pipe External: Not reported
Second Containment: None
Leak Detection: Other
Overfill Prot: Product Level Gauge
Dispenser: Submersible
Date Tested: 07/01/1986
Next Test Date: Not reported
Missing Data for Tank: Minor Data Missing
Date Closed: Not reported
Test Method: Petro-Tite
Deleted: False
Updated: False
Lat/long: Not reported

Tank Id: 004
Tank Location: UNDERGROUND
Tank Status: In Service
Install Date: 19891201
Capacity (gals): 10000
Product Stored: UNLEADED GASOLINE
Tank Type: Fiberglass reinforced plastic [FRP]
Tank Internal: Not reported
Tank External: Not reported
Pipe Location: Not reported
Pipe Type: STAINLESS STEEL ALLOY
Pipe Internal: Fiberglass Liner (FRP)
Pipe External: Jacketed
Second Containment: Vault (w/access)

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

POOJA ENTERPRISES (Continued)

U001848561

Leak Detection: 14
Overfill Prot: Automatic Shut-Off, Catch Basin
Dispenser: Submersible
Date Tested: 09/01/1993
Next Test Date: Not reported
Missing Data for Tank: Minor Data Missing
Date Closed: Not reported
Test Method: Unknown
Deleted: False
Updated: True
Lat/long: Not reported

Tank Id: 005
Tank Location: UNDERGROUND
Tank Status: In Service
Install Date: 19891201
Capacity (gals): 10000
Product Stored: UNLEADED GASOLINE
Tank Type: Fiberglass reinforced plastic [FRP]
Tank Internal: Not reported
Tank External: Not reported
Pipe Location: Not reported
Pipe Type: STAINLESS STEEL ALLOY
Pipe Internal: Fiberglass Liner (FRP)
Pipe External: Jacketed
Second Containment: Vault (w/access)
Leak Detection: 14
Overfill Prot: Automatic Shut-Off, Catch Basin
Dispenser: Submersible
Date Tested: 09/01/1993
Next Test Date: Not reported
Missing Data for Tank: Minor Data Missing
Date Closed: Not reported
Test Method: Unknown
Deleted: False
Updated: True
Lat/long: Not reported

Tank Id: 006
Tank Location: UNDERGROUND
Tank Status: In Service
Install Date: 19891201
Capacity (gals): 10000
Product Stored: UNLEADED GASOLINE
Tank Type: Fiberglass reinforced plastic [FRP]
Tank Internal: Not reported
Tank External: Not reported
Pipe Location: Not reported
Pipe Type: STAINLESS STEEL ALLOY
Pipe Internal: Fiberglass Liner (FRP)
Pipe External: Jacketed
Second Containment: Vault (w/access)
Leak Detection: 14
Overfill Prot: Automatic Shut-Off, Catch Basin
Dispenser: Submersible

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

POOJA ENTERPRISES (Continued)

U001848561

Date Tested: 09/01/1993
Next Test Date: Not reported
Missing Data for Tank: Minor Data Missing
Date Closed: Not reported
Test Method: Unknown
Deleted: False
Updated: True
Lat/long: Not reported

Tank Id: 007
Tank Location: UNDERGROUND
Tank Status: Closed-Removed
Install Date: 19620101
Capacity (gals): 550
Product Stored: NOS 1,2, OR 4 FUEL OIL
Tank Type: Steel/carbon steel
Tank Internal: Not reported
Tank External: Not reported
Pipe Location: Not reported
Pipe Type: GALVANIZED STEEL
Pipe Internal: Not reported
Pipe External: Not reported
Second Containment: None
Leak Detection: In-tank System
Overfill Prot: Not reported
Dispenser: Submersible
Date Tested: 12/01/1994
Next Test Date: Not reported
Missing Data for Tank: Minor Data Missing
Date Closed: 04/01/1995
Test Method: USTest 2000
Deleted: False
Updated: True
Lat/long: Not reported

Tank Id: 008
Tank Location: UNDERGROUND
Tank Status: Closed-Removed
Install Date: 19620101
Capacity (gals): 550
Product Stored: UNKNOWN
Tank Type: Steel/carbon steel
Tank Internal: Not reported
Tank External: Not reported
Pipe Location: Not reported
Pipe Type: GALVANIZED STEEL
Pipe Internal: Not reported
Pipe External: Not reported
Second Containment: None
Leak Detection: In-tank System
Overfill Prot: Not reported
Dispenser: Submersible
Date Tested: Not reported
Next Test Date: Not reported
Missing Data for Tank: Minor Data Missing

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

POOJA ENTERPRISES (Continued)

U001848561

Date Closed: Not reported
Test Method: Not reported
Deleted: False
Updated: True
Lat/long: Not reported

U112
SW
> 1
1.415 mi.
7470 ft.

NORTHSIDE COLLISION
509 HINSDALE RD
CAMILLUS, NY 13031

RCRA-SQG 1012187093
NYR000169573

Site 2 of 3 in cluster U

Relative:
Higher

RCRA-SQG:

Actual:
466 ft.

Date form received by agency: 10/28/2009
Facility name: NORTHSIDE COLLISION
Facility address: 509 HINSDALE RD
CAMILLUS, NY 13031
EPA ID: NYR000169573
Mailing address: HINSDALE RD
CAMILLUS, NY 13031
Contact: BRYAN REYNOLDS
Contact address: HINSDALE RD
CAMILLUS, NY 13031
Contact country: US
Contact telephone: (315) 484-4448
Contact email: BRYANR@NORTHSIDECOLLISION.COM
EPA Region: 02
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name: SCOTT JONES
Owner/operator address: MANLIUS CENTER RD
EAST SYRACUSE, NY 13057
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 08/07/2009
Owner/Op end date: Not reported

Owner/operator name: NORTHSIDE COLLISION
Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 08/07/2009
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NORTHSIDE COLLISION (Continued)

1012187093

Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Commercial status unknown

Universal Waste Summary:

Waste type: Consumer Electronics
Accumulated waste on-site: No
Generated waste on-site: No

Waste type: Oil-Based Finishes
Accumulated waste on-site: No
Generated waste on-site: No

Waste type: Any Universal Waste
Accumulated waste on-site: No
Generated waste on-site: No

Waste type: Batteries
Accumulated waste on-site: No
Generated waste on-site: Not reported

Waste type: Lamps
Accumulated waste on-site: No
Generated waste on-site: Not reported

Waste type: Pesticides
Accumulated waste on-site: No
Generated waste on-site: Not reported

Waste type: Thermostats
Accumulated waste on-site: No
Generated waste on-site: Not reported

Hazardous Waste Summary:

Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSLEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Waste code: F003

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

NORTHSIDE COLLISION (Continued)

1012187093

Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste code: F005

Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Violation Status: No violations found

**U113
 SW
 > 1
 1.415 mi.
 7470 ft.**

**NORTHSIDE COLLISION
 509 HINSDALE RD
 CAMILLUS, NY 13031
 Site 3 of 3 in cluster U**

**MANIFEST S110138184
 N/A**

**Relative:
 Higher
 Actual:
 466 ft.**

NY MANIFEST:
 EPA ID: NYR000169573
 Country: USA
 Mailing Name: NORTHSIDE COLLISION
 Mailing Contact: NORTHSIDE COLLISION
 Mailing Address: 509 HINSDALE RD
 Mailing Address 2: Not reported
 Mailing City: CAMILLUS
 Mailing State: NY
 Mailing Zip: 13031
 Mailing Zip4: Not reported
 Mailing Country: USA
 Mailing Phone: 315-484-4448

Document ID: Not reported
 Manifest Status: Not reported
 Trans1 State ID: NYD013277454
 Trans2 State ID: Not reported
 Generator Ship Date: 2010-04-15
 Trans1 Recv Date: 2010-04-15
 Trans2 Recv Date: Not reported
 TSD Site Recv Date: 2010-04-15
 Part A Recv Date: Not reported
 Part B Recv Date: Not reported
 Generator EPA ID: NYR000169573
 Trans1 EPA ID: Not reported
 Trans2 EPA ID: Not reported
 TSDF ID: NYD013277454
 Waste Code: Not reported
 Quantity: 200.0

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NORTHSIDE COLLISION (Continued)

S110138184

Units: P - Pounds
Number of Containers: 1.0
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 1.0
Year: 2010
Manifest Tracking Num: 006644870JJK
Import Ind: N
Export Ind: N
Discr Quantity Ind: N
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H141

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NYD013277454
Trans2 State ID: Not reported
Generator Ship Date: 2010-08-25
Trans1 Recv Date: 2010-08-25
Trans2 Recv Date: Not reported
TSD Site Recv Date: 2010-08-25
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000169573
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID: NYD013277454
Waste Code: Not reported
Quantity: 400.0
Units: P - Pounds
Number of Containers: 1.0
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 1.0
Year: 2010
Manifest Tracking Num: 006643337JJK
Import Ind: N
Export Ind: N
Discr Quantity Ind: N
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H141

Document ID: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NORTHSIDE COLLISION (Continued)

S110138184

Manifest Status: Not reported
Trans1 State ID: NYD013277454
Trans2 State ID: Not reported
Generator Ship Date: 2010-05-20
Trans1 Recv Date: 2010-05-20
Trans2 Recv Date: Not reported
TSD Site Recv Date: 2010-05-20
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000169573
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSD ID: NYD013277454
Waste Code: Not reported
Quantity: 125.0
Units: P - Pounds
Number of Containers: 1.0
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 1.0
Year: 2010
Manifest Tracking Num: 006644988JJK
Import Ind: N
Export Ind: N
Discr Quantity Ind: N
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H141

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NYD013277454
Trans2 State ID: Not reported
Generator Ship Date: 2010-01-14
Trans1 Recv Date: 2010-01-14
Trans2 Recv Date: Not reported
TSD Site Recv Date: 2010-01-14
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000169573
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSD ID: NYD013277454
Waste Code: Not reported
Quantity: 80.0
Units: P - Pounds
Number of Containers: 1.0
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 1.0
Year: 2010

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NORTHSIDE COLLISION (Continued)

S110138184

Manifest Tracking Num: 006644580JJK
Import Ind: N
Export Ind: N
Discr Quantity Ind: N
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H141

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NYD013277454
Trans2 State ID: Not reported
Generator Ship Date: 2009-12-30
Trans1 Recv Date: 2009-12-30
Trans2 Recv Date: Not reported
TSD Site Recv Date: 2009-12-30
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000169573
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSD ID: NYD013277454
Waste Code: Not reported
Quantity: 150.0
Units: P - Pounds
Number of Containers: 1.0
Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 1.0
Year: 09

Manifest Tracking Num: 006644532JJK
Import Ind: N
Export Ind: N
Discr Quantity Ind: N
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H141

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NYD013277454
Trans2 State ID: Not reported
Generator Ship Date: 2010-01-14
Trans1 Recv Date: 2010-01-14
Trans2 Recv Date: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

NORTHSIDE COLLISION (Continued)

S110138184

TSD Site Recv Date: 2010-01-14
 Part A Recv Date: Not reported
 Part B Recv Date: Not reported
 Generator EPA ID: NYR000169573
 Trans1 EPA ID: Not reported
 Trans2 EPA ID: Not reported
 TSD ID: NYD013277454
 Waste Code: Not reported
 Quantity: 80.0
 Units: P - Pounds
 Number of Containers: 1.0
 Container Type: DM - Metal drums, barrels
 Handling Method: B Incineration, heat recovery, burning.
 Specific Gravity: 1.0
 Year: 10
 Manifest Tracking Num: 006644580JJK
 Import Ind: N
 Export Ind: N
 Discr Quantity Ind: N
 Discr Type Ind: N
 Discr Residue Ind: N
 Discr Partial Reject Ind: N
 Discr Full Reject Ind: N
 Manifest Ref Num: Not reported
 Alt Fac RCRA Id: Not reported
 Alt Fac Sign Date: Not reported
 Mgmt Method Type Code: H141

114
 SW
 > 1
 1.437 mi.
 7586 ft.

FASTRAC MARKET #287
507 HINSDALE RD
CAMILLUS, NY 13031

UST U003800508
HIST UST N/A

Relative:
Higher

UST:
 Facility Id: 7-600811
 Region: STATE
 DEC Region: 7
 Site Status: Active
 Program Type: PBS
 Expiration Date: 2014/01/16
 UTM X: 396893.13686000003
 UTM Y: 4767835.4702000003

Actual:
466 ft.

Affiliation Records:
 Site Id: 47247
 Affiliation Type: Emergency Contact
 Company Name: FASTRAC MARKETS, LLC
 Contact Type: Not reported
 Contact Name: JEFF SZKOLNIK
 Address1: Not reported
 Address2: Not reported
 City: Not reported
 State: NN
 Zip Code: Not reported
 Country Code: 999
 Phone: (315) 552-6800
 Phone Ext: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FASTRAC MARKET #287 (Continued)

U003800508

Email: Not reported
Fax Number: Not reported
Modified By: BVCAMPBE
Date Last Modified: 7/6/2010

Site Id: 47247
Affiliation Type: Owner
Company Name: FASTRAC MARKETS, LLC
Contact Type: PRESIDENT
Contact Name: TOM WADDLE
Address1: 6500 NEW VENTURE GEAR DR - SUITE 100
Address2: Not reported
City: EAST SYRACUSE
State: NY
Zip Code: 13057
Country Code: 001
Phone: (315) 552-6800
Phone Ext: Not reported
Email: Not reported
Fax Number: Not reported
Modified By: KCKEMP
Date Last Modified: 12/15/2008

Site Id: 47247
Affiliation Type: Mail Contact
Company Name: FASTRAC MARKETS, LLC
Contact Type: Not reported
Contact Name: JEFF SZKOLNIK
Address1: 6500 NEW VENTURE GEAR DR
Address2: SUITE 100
City: EAST SYRACUSE
State: NY
Zip Code: 13057
Country Code: 001
Phone: (315) 552-6800
Phone Ext: Not reported
Email: JEFFS@FASTRACMARKETS.COM
Fax Number: Not reported
Modified By: KCKEMP
Date Last Modified: 12/15/2008

Site Id: 47247
Affiliation Type: On-Site Operator
Company Name: FASTRAC MARKET #287
Contact Type: Not reported
Contact Name: FASTRAC MARKETS LLC
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (315) 488-4369
Phone Ext: Not reported
Email: Not reported
Fax Number: Not reported
Modified By: KCKEMP

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FASTRAC MARKET #287 (Continued)

U003800508

Date Last Modified: 12/15/2008

Equipment Records:

- I00 - Overfill - None
- I00 - Overfill - None
- A00 - Tank Internal Protection - None
- G00 - Tank Secondary Containment - None
- B00 - Tank External Protection - None
- D01 - Pipe Type - Steel/Carbon Steel/Iron
- J00 - Dispenser - None
- C02 - Pipe Location - Underground/On-ground
- H00 - Tank Leak Detection - None
- F00 - Pipe External Protection - None
- I00 - Overfill - None
- B04 - Tank External Protection - Fiberglass
- J01 - Dispenser - Submersible
- L08 - Piping Leak Detection - Tank Top Sump
- I01 - Overfill - Float Vent Valve
- A00 - Tank Internal Protection - None
- L07 - Piping Leak Detection - Pressurized Piping Leak Detector
- E04 - Piping Secondary Containment - Double-Walled (Underground)
- J00 - Dispenser - None
- F05 - Pipe External Protection - Jacketed
- G00 - Tank Secondary Containment - None
- G04 - Tank Secondary Containment - Double-Walled (Underground)
- D11 - Pipe Type - Flexible Piping
- H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
- C02 - Pipe Location - Underground/On-ground
- I02 - Overfill - High Level Alarm
- C02 - Pipe Location - Underground/On-ground
- H00 - Tank Leak Detection - None
- D01 - Pipe Type - Steel/Carbon Steel/Iron
- J01 - Dispenser - Submersible
- A00 - Tank Internal Protection - None
- D01 - Pipe Type - Steel/Carbon Steel/Iron
- A00 - Tank Internal Protection - None
- A00 - Tank Internal Protection - None
- A00 - Tank Internal Protection - None
- J01 - Dispenser - Submersible
- A00 - Tank Internal Protection - None
- D01 - Pipe Type - Steel/Carbon Steel/Iron
- C02 - Pipe Location - Underground/On-ground
- H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
- I02 - Overfill - High Level Alarm
- B00 - Tank External Protection - None
- K01 - Spill Prevention - Catch Basin
- C02 - Pipe Location - Underground/On-ground
- C02 - Pipe Location - Underground/On-ground
- I02 - Overfill - High Level Alarm
- H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
- C02 - Pipe Location - Underground/On-ground
- I00 - Overfill - None
- I01 - Overfill - Float Vent Valve
- L08 - Piping Leak Detection - Tank Top Sump
- F00 - Pipe External Protection - None
- F05 - Pipe External Protection - Jacketed
- J00 - Dispenser - None

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FASTRAC MARKET #287 (Continued)

U003800508

- L08 - Piping Leak Detection - Tank Top Sump
- J00 - Dispenser - None
- B04 - Tank External Protection - Fiberglass
- B00 - Tank External Protection - None
- D11 - Pipe Type - Flexible Piping
- I00 - Overfill - None
- J00 - Dispenser - None
- F05 - Pipe External Protection - Jacketed
- G00 - Tank Secondary Containment - None
- G00 - Tank Secondary Containment - None
- G00 - Tank Secondary Containment - None
- L07 - Piping Leak Detection - Pressurized Piping Leak Detector
- G04 - Tank Secondary Containment - Double-Walled (Underground)
- A00 - Tank Internal Protection - None
- L07 - Piping Leak Detection - Pressurized Piping Leak Detector
- G04 - Tank Secondary Containment - Double-Walled (Underground)
- I00 - Overfill - None
- B00 - Tank External Protection - None
- I00 - Overfill - None
- H00 - Tank Leak Detection - None
- B00 - Tank External Protection - None
- I01 - Overfill - Float Vent Valve
- H00 - Tank Leak Detection - None
- H00 - Tank Leak Detection - None
- B04 - Tank External Protection - Fiberglass
- D01 - Pipe Type - Steel/Carbon Steel/Iron
- D11 - Pipe Type - Flexible Piping
- K01 - Spill Prevention - Catch Basin
- F00 - Pipe External Protection - None
- F00 - Pipe External Protection - None
- F00 - Pipe External Protection - None
- K01 - Spill Prevention - Catch Basin
- C02 - Pipe Location - Underground/On-ground
- E04 - Piping Secondary Containment - Double-Walled (Underground)
- E04 - Piping Secondary Containment - Double-Walled (Underground)
- J00 - Dispenser - None
- D01 - Pipe Type - Steel/Carbon Steel/Iron
- A00 - Tank Internal Protection - None
- C02 - Pipe Location - Underground/On-ground
- C02 - Pipe Location - Underground/On-ground
- B00 - Tank External Protection - None
- H00 - Tank Leak Detection - None
- A00 - Tank Internal Protection - None
- B00 - Tank External Protection - None
- D01 - Pipe Type - Steel/Carbon Steel/Iron
- F00 - Pipe External Protection - None
- J00 - Dispenser - None
- H00 - Tank Leak Detection - None
- G00 - Tank Secondary Containment - None
- G00 - Tank Secondary Containment - None
- F00 - Pipe External Protection - None

Tank Info:

Site ID: 47247

Tank Number: 1
Tank ID: 175566
Tank Status: In Service

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FASTRAC MARKET #287 (Continued)

U003800508

Tank Model: 106
Pipe Model: E
Install Date: 12/1/2003
Capacity Gallons: 20000
Tightness Test Method: 00
Next Test Date: Not reported
Date Tank Closed: Not reported
Tank Location: 5
Tank Type: Fiberglass coated steel
Date Test: Not reported
Register: True
Modified By: KCKEMP
Last Modified: 12/15/2008

Site ID: 47247

Tank Number: 1-A
Tank ID: 175567
Tank Status: Closed - Removed
Tank Model: Not reported
Pipe Model: Not reported
Install Date: Not reported
Capacity Gallons: 4000
Tightness Test Method: NN
Next Test Date: Not reported
Date Tank Closed: 10/29/2001
Tank Location: 5
Tank Type: Steel/carbon steel
Date Test: Not reported
Register: True
Modified By: TRANSLAT
Last Modified: 3/4/2004

Site ID: 47247

Tank Number: 2
Tank ID: 139808
Tank Status: Closed - Removed
Tank Model: Not reported
Pipe Model: Not reported
Install Date: Not reported
Capacity Gallons: 4000
Tightness Test Method: NN
Next Test Date: Not reported
Date Tank Closed: 10/29/2001
Tank Location: 5
Tank Type: Steel/carbon steel
Date Test: Not reported
Register: True
Modified By: TRANSLAT
Last Modified: 3/4/2004

Site ID: 47247

Tank Number: 2A
Tank ID: 140650
Tank Status: In Service

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FASTRAC MARKET #287 (Continued)

U003800508

Tank Model: 106
Pipe Model: E
Install Date: 12/1/2003
Capacity Gallons: 12000
Tightness Test Method: 00
Next Test Date: Not reported
Date Tank Closed: Not reported
Tank Location: 5
Tank Type: Fiberglass coated steel
Date Test: Not reported
Register: True
Modified By: KCKEMP
Last Modified: 12/15/2008

Site ID: 47247

Tank Number: 2B
Tank ID: 140651
Tank Status: In Service
Tank Model: 106
Pipe Model: E
Install Date: 12/1/2003
Capacity Gallons: 8000
Tightness Test Method: 00
Next Test Date: Not reported
Date Tank Closed: Not reported
Tank Location: 5
Tank Type: Fiberglass coated steel
Date Test: Not reported
Register: True
Modified By: KCKEMP
Last Modified: 12/15/2008

Site ID: 47247

Tank Number: 3
Tank ID: 139809
Tank Status: Closed - Removed
Tank Model: Not reported
Pipe Model: Not reported
Install Date: Not reported
Capacity Gallons: 4000
Tightness Test Method: NN
Next Test Date: Not reported
Date Tank Closed: 10/29/2001
Tank Location: 5
Tank Type: Steel/carbon steel
Date Test: Not reported
Register: True
Modified By: TRANSLAT
Last Modified: 3/4/2004

Site ID: 47247

Tank Number: 4
Tank ID: 139810
Tank Status: Closed - Removed

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FASTRAC MARKET #287 (Continued)

U003800508

Tank Model: Not reported
Pipe Model: Not reported
Install Date: Not reported
Capacity Gallons: 4000
Tightness Test Method: NN
Next Test Date: Not reported
Date Tank Closed: 10/29/2001
Tank Location: 5
Tank Type: Steel/carbon steel
Date Test: Not reported
Register: True
Modified By: TRANSLAT
Last Modified: 3/4/2004

Site ID: 47247

Tank Number: 5
Tank ID: 139811
Tank Status: Closed - Removed
Tank Model: Not reported
Pipe Model: Not reported
Install Date: Not reported
Capacity Gallons: 4000
Tightness Test Method: NN
Next Test Date: Not reported
Date Tank Closed: 10/29/2001
Tank Location: 5
Tank Type: Steel/carbon steel
Date Test: Not reported
Register: True
Modified By: TRANSLAT
Last Modified: 3/4/2004

Site ID: 47247

Tank Number: 6
Tank ID: 139812
Tank Status: Closed - Removed
Tank Model: Not reported
Pipe Model: Not reported
Install Date: Not reported
Capacity Gallons: 1000
Tightness Test Method: NN
Next Test Date: Not reported
Date Tank Closed: 10/29/2001
Tank Location: 5
Tank Type: Steel/carbon steel
Date Test: Not reported
Register: True
Modified By: TRANSLAT
Last Modified: 3/4/2004

Site ID: 47247

Tank Number: 7
Tank ID: 139813
Tank Status: Closed - Removed

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FASTRAC MARKET #287 (Continued)

U003800508

Tank Model: Not reported
Pipe Model: Not reported
Install Date: Not reported
Capacity Gallons: 1000
Tightness Test Method: NN
Next Test Date: Not reported
Date Tank Closed: 10/29/2001
Tank Location: 5
Tank Type: Steel/carbon steel
Date Test: Not reported
Register: True
Modified By: TRANSLAT
Last Modified: 3/4/2004

HIST UST:

PBS Number: 7-600811
SPDES Number: Not reported
Emergency Contact: LAWRENCE MCGRAW
Emergency Telephone: (315) 487-8861
Operator: LAWRENCE MCGRAW
Operator Telephone: (315) 487-8861
Owner Name: LAWRENCE MCGRAW
Owner Address: P.O. BOX 151
Owner City,St,Zip: CAMILLUS, NY 13031
Owner Telephone: (315) 487-8861
Owner Type: Private Resident
Owner Subtype: Not reported
Mailing Name: LAWRENCE MCGRAW
Mailing Address: P.O. BOX 151
Mailing Address 2: Not reported
Mailing City,St,Zip: CAMILLUS, NY 13031
Mailing Contact: Not reported
Mailing Telephone: (315) 487-8861
Owner Mark: First Owner
Facility Status: 2 - Unregulated by PBS (the total capacity is less than 1,101 gallons) and Subpart 360-14.
Facility Addr2: Not reported
SWIS ID: 3120
Old PBS Number: Not reported
Facility Type: OTHER
Inspected Date: Not reported
Inspector: Not reported
Inspection Result: Not reported
Federal ID: Not reported
Certification Flag: False
Certification Date: 07/18/2001
Expiration Date: 07/17/2006
Renew Flag: False
Renewal Date: Not reported
Total Capacity: 0
FAMT: True
Facility Screen: No Missing Data
Owner Screen: No Missing Data
Tank Screen: 0
Dead Letter: False
CBS Number: Not reported
Town or City: CAMILLUS

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FASTRAC MARKET #287 (Continued)

U003800508

County Code: 31
Town or City: 20
Region: 7

Tank Id: 1
Tank Location: UNDERGROUND
Tank Status: Closed-Removed
Install Date: Not reported
Capacity (gals): 4000
Product Stored: EMPTY
Tank Type: Steel/carbon steel
Tank Internal: Not reported
Tank External: Not reported
Pipe Location: Underground
Pipe Type: STEEL/IRON
Pipe Internal: Not reported
Pipe External: Not reported
Second Containment: Not reported
Leak Detection: Not reported
Overfill Prot: Not reported
Dispenser: Not reported
Date Tested: Not reported
Next Test Date: Not reported
Missing Data for Tank: Minor Data Missing
Date Closed: 10/29/2001
Test Method: Not reported
Deleted: False
Updated: True
Lat/long: Not reported

Tank Id: 2
Tank Location: UNDERGROUND
Tank Status: Closed-Removed
Install Date: Not reported
Capacity (gals): 4000
Product Stored: EMPTY
Tank Type: Steel/carbon steel
Tank Internal: Not reported
Tank External: Not reported
Pipe Location: Underground
Pipe Type: STEEL/IRON
Pipe Internal: Not reported
Pipe External: Not reported
Second Containment: Not reported
Leak Detection: Not reported
Overfill Prot: Not reported
Dispenser: Not reported
Date Tested: Not reported
Next Test Date: Not reported
Missing Data for Tank: Minor Data Missing
Date Closed: 10/29/2001
Test Method: Not reported
Deleted: False
Updated: True
Lat/long: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FASTRAC MARKET #287 (Continued)

U003800508

Tank Id: 3
Tank Location: UNDERGROUND
Tank Status: Closed-Removed
Install Date: Not reported
Capacity (gals): 4000
Product Stored: EMPTY
Tank Type: Steel/carbon steel
Tank Internal: Not reported
Tank External: Not reported
Pipe Location: Underground
Pipe Type: STEEL/IRON
Pipe Internal: Not reported
Pipe External: Not reported
Second Containment: Not reported
Leak Detection: Not reported
Overfill Prot: Not reported
Dispenser: Not reported
Date Tested: Not reported
Next Test Date: Not reported
Missing Data for Tank: Minor Data Missing
Date Closed: 10/29/2001
Test Method: Not reported
Deleted: False
Updated: True
Lat/long: Not reported

Tank Id: 4
Tank Location: UNDERGROUND
Tank Status: Closed-Removed
Install Date: Not reported
Capacity (gals): 4000
Product Stored: EMPTY
Tank Type: Steel/carbon steel
Tank Internal: Not reported
Tank External: Not reported
Pipe Location: Underground
Pipe Type: STEEL/IRON
Pipe Internal: Not reported
Pipe External: Not reported
Second Containment: Not reported
Leak Detection: Not reported
Overfill Prot: Not reported
Dispenser: Not reported
Date Tested: Not reported
Next Test Date: Not reported
Missing Data for Tank: Minor Data Missing
Date Closed: 10/29/2001
Test Method: Not reported
Deleted: False
Updated: True
Lat/long: Not reported

Tank Id: 5
Tank Location: UNDERGROUND
Tank Status: Closed-Removed

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FASTRAC MARKET #287 (Continued)

U003800508

Install Date: Not reported
Capacity (gals): 4000
Product Stored: EMPTY
Tank Type: Steel/carbon steel
Tank Internal: Not reported
Tank External: Not reported
Pipe Location: Underground
Pipe Type: STEEL/IRON
Pipe Internal: Not reported
Pipe External: Not reported
Second Containment: Not reported
Leak Detection: Not reported
Overfill Prot: Not reported
Dispenser: Not reported
Date Tested: Not reported
Next Test Date: Not reported
Missing Data for Tank: Minor Data Missing
Date Closed: 10/29/2001
Test Method: Not reported
Deleted: False
Updated: True
Lat/long: Not reported

Tank Id: 6
Tank Location: UNDERGROUND
Tank Status: Closed-Removed
Install Date: Not reported
Capacity (gals): 1000
Product Stored: EMPTY
Tank Type: Steel/carbon steel
Tank Internal: Not reported
Tank External: Not reported
Pipe Location: Underground
Pipe Type: STEEL/IRON
Pipe Internal: Not reported
Pipe External: Not reported
Second Containment: Not reported
Leak Detection: Not reported
Overfill Prot: Not reported
Dispenser: Not reported
Date Tested: Not reported
Next Test Date: Not reported
Missing Data for Tank: Minor Data Missing
Date Closed: 10/29/2001
Test Method: Not reported
Deleted: False
Updated: True
Lat/long: Not reported

Tank Id: 7
Tank Location: UNDERGROUND
Tank Status: Closed-Removed
Install Date: Not reported
Capacity (gals): 1000
Product Stored: EMPTY

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FASTRAC MARKET #287 (Continued)

U003800508

Tank Type: Steel/carbon steel
Tank Internal: Not reported
Tank External: Not reported
Pipe Location: Underground
Pipe Type: STEEL/IRON
Pipe Internal: Not reported
Pipe External: Not reported
Second Containment: Not reported
Leak Detection: Not reported
Overfill Prot: Not reported
Dispenser: Not reported
Date Tested: Not reported
Next Test Date: Not reported
Missing Data for Tank: Minor Data Missing
Date Closed: 10/29/2001
Test Method: Not reported
Deleted: False
Updated: True
Lat/long: Not reported

115
SSE
> 1
1.455 mi.
7683 ft.

**ATLANTIC STA. RT. 173
RTE. 173 & MILTON AVE.
CAMILLUS, NY**

**LTANKS 1000458186
HIST LTANKS N/A**

**Relative:
Higher**

LTANKS:
Site ID: 265699
Spill No: 8908599
Spill Date: 11/30/1989
Spill Cause: Tank Failure
Spill Source: Gasoline Station
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.
Willing Responsible Party. Corrective action taken.
Spill Closed Dt: 11/14/1990
Facility Addr2: Not reported
Cleanup Ceased: 11/14/1990
Cleanup Meets Standard: True
SWIS: 3420
Investigator: CAPONE
Referred To: Not reported
Reported to Dept: 11/30/1989
CID: Not reported
Water Affected: Not reported
Spill Notifier: DEC
Last Inspection: Not reported
Recommended Penalty: Penalty Not Recommended
UST Involvement: True
Remediation Phase: 0
Date Entered In Computer: 12/6/1989
Spill Record Last Update: 3/25/1991
Spiller Name: Not reported
Spiller Company: ATLANTIC REFIN. & MKT.
Spiller Address: 550 SOLAR ST.
Spiller City,St,Zip: SYRACUSE, NY 13204
Spiller County: 001
Spiller Contact: Not reported
Spiller Phone: Not reported

**Actual:
437 ft.**

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ATLANTIC STA. RT. 173 (Continued)

1000458186

Spiller Extention: Not reported
DEC Region: 7
DER Facility ID: 216492
DEC Memo: Prior to Sept, 2004 data translation this spill Lead_DEC Field was "HC" 11/30/89: LETTER SENT TO INITIATE PHASE I HYDRO. STUDY. 01/10/90: MET W/ ATLANTIC/SUN CONSULTANT LARRY MARTIN OF PEI. THEY HAVE NOT BEEN NOTIFIED OF THIS SITE YET. 07/23/90: MEETING W/ CARL BORKLAND OF SUN. HE HAD NOT BEEN FORWARDED A COPY OF THE 11/30/89 LETTER SENT TO ATLANTIC. PROVIDED HIM WITH ANOTHER COPY. 08/14/90: HYDRO REPORT RECEIVED. NO CONTAMINATION NOTED DURING DRILLING. GW ANALYSIS FOR BTEX AND MTBE ALL ND. 08/14/90: MARCOR CONTRACTED BY SUN TO DO THE HYDRO INVESTIGATION FOR THIS SITE.
Remarks: GROUNDWATER CONTAMINATION OBSERVED DURING TANK REMOVAL.

Material:
Site ID: 265699
Operable Unit ID: 935931
Operable Unit: 01
Material ID: 445335
Material Code: 0009
Material Name: Gasoline
Case No.: Not reported
Material FA: Petroleum
Quantity: 0
Units: Not reported
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:
Site ID: Not reported
Spill Tank Test: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate: Not reported
Gross Fail: Not reported
Modified By: Not reported
Last Modified: Not reported
Test Method: Not reported

HIST LTANKS:
Region of Spill: 7
Spill Number: 8908599
Spill Date: 11/30/1989
Spill Time: 13:00
Spill Cause: Tank Failure
Resource Affectd: Groundwater
Water Affected: Not reported
Spill Source: Gas Station
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt: 11/14/90
Cleanup Ceased: 11/14/90
Cleanup Meets Standard: True

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ATLANTIC STA. RT. 173 (Continued)

1000458186

Investigator: HC
Caller Name: Not reported
Caller Agency: Not reported
Caller Phone: Not reported
Caller Extension: Not reported
Notifier Name: Not reported
Notifier Agency: Not reported
Notifier Phone: Not reported
Notifier Extension: Not reported
Reported to Department Date: 11/30/89
Reported to Department Time: 13:00
SWIS: 31
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
Spiller Name: ATLANTIC REFIN. & MKT.
Spiller Address: 550 SOLAR ST.
Spiller City,St,Zip: SYRACUSE, NY 13204
Spiller Cleanup Date: / /
Facility Contact: Not reported
Facility Phone: (315) 424-8893
Facility Extention: Not reported
Spill Notifier: DEC
PBS Number: Not reported
Last Inspection: / /
Recommended Penalty: Penalty Not Recommended
Enforcement Date: / /
Investigation Complete: / /
UST Involvement: True
Date Region Sent Summary to Central Office: / /
Corrective Action Plan Submitted: / /
Date Spill Entered In Computer Data File: 12/06/89
Time Spill Entered In Computer Data File: Not reported
Spill Record Last Update: 03/25/91
Is Updated: False

Tank:

PBS Number: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported

Material:

Material Class Type: Petroleum
Quantity Spilled: 0
Unkonwn Quantity Spilled: False
Units: Not reported
Quantity Recovered: 0
Unkonwn Quantity Recovered: False
Material: GASOLINE
Class Type: GASOLINE
Times Material Entry In File: 21329
CAS Number: Not reported
Last Date: 19940929
DEC Remarks: 11/30/89: LETTER SENT TO INITIATE PHASE I HYDRO. STUDY. 01/10/90: MET W/

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ATLANTIC STA. RT. 173 (Continued)

1000458186

ATLANTIC/SUN CONSULTANT LARRY MARTIN OF PEI. THEY HAVE NOT BEEN NOTIFIED OF THIS SITE YET. 07/23/90: MEETING W/ CARL BORKLAND OF SUN. HE HAD NOT BEEN FORWARDED A COPY OF THE 11/30/89 LETTER SENT TO ATLANTIC. PROVIDED HIM WITH ANOTHER COPY. 08/14/90: HYDRO REPORT RECEIVED. NO CONTAMINATION NOTED DURING DRILLING. GW ANALYSIS FOR BTEX AND MTBE ALL ND. 08/14/90: MARCOR CONTRACTED BY SUN TO DO THE HYDRO INVESTIGATION FOR THIS SITE.

Spill Cause: GROUNDWATER CONTAMINATION OBSERVED DURING TANK REMOVAL.

W116
East
> 1
1.460 mi.
7706 ft.

NEW YORK STATE FAIR DIV
DEPT OF AGRICULTURE & MARKETS
SYRACUSE, NY 13209

Site 2 of 2 in cluster W

UST U003077693
HIST UST N/A
AST
HIST AST

Relative:
Lower

UST:
Facility Id: 7-007927
Region: STATE
DEC Region: 7
Site Status: Unregulated
Program Type: PBS
Expiration Date: N/A
UTM X: Not reported
UTM Y: Not reported

Actual:
376 ft.

Affiliation Records:
Site Id: 43934
Affiliation Type: Emergency Contact
Company Name: NYS DEPT AG & MKT
Contact Type: Not reported
Contact Name: PAUL ALTENBERG MOTOR EQUIP MEC
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (315) 451-1725
Phone Ext: Not reported
Email: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Site Id: 43934
Affiliation Type: Mail Contact
Company Name: NYS DEPT AG & MKT
Contact Type: Not reported
Contact Name: Not reported
Address1: NEW YORK STATE FAIR DIVISION
Address2: Not reported
City: SYRACUSE
State: NY
Zip Code: 13209
Country Code: 001
Phone: (315) 487-7711
Phone Ext: Not reported
Email: Not reported
Fax Number: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NEW YORK STATE FAIR DIV (Continued)

U003077693

Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Site Id: 43934
Affiliation Type: On-Site Operator
Company Name: NEW YORK STATE FAIR DIV
Contact Type: Not reported
Contact Name: NEW YORK STATE FAIR DIV
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (315) 487-7711
Phone Ext: Not reported
Email: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Site Id: 43934
Affiliation Type: Owner
Company Name: NYS DEPT AG & MKT
Contact Type: Not reported
Contact Name: Not reported
Address1: NEW YORK STATE FAIR DIVISION
Address2: Not reported
City: SYRACUSE
State: NY
Zip Code: 13209
Country Code: 001
Phone: (315) 487-7711
Phone Ext: Not reported
Email: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Equipment Records:

G00 - Tank Secondary Containment - None
H00 - Tank Leak Detection - None
H00 - Tank Leak Detection - None
D00 - Pipe Type - No Piping
J02 - Dispenser - Suction
A00 - Tank Internal Protection - None
B00 - Tank External Protection - None
A00 - Tank Internal Protection - None
B00 - Tank External Protection - None
J02 - Dispenser - Suction
I00 - Overfill - None
D00 - Pipe Type - No Piping
I00 - Overfill - None
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction
F00 - Pipe External Protection - None
C00 - Pipe Location - No Piping

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NEW YORK STATE FAIR DIV (Continued)

U003077693

F00 - Pipe External Protection - None
C00 - Pipe Location - No Piping
D00 - Pipe Type - No Piping
G00 - Tank Secondary Containment - None
H00 - Tank Leak Detection - None
A00 - Tank Internal Protection - None
I00 - Overfill - None
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
C00 - Pipe Location - No Piping

Tank Info:

Site ID: 43934

Tank Number: 001
Tank ID: 133954
Tank Status: Closed Prior to Micro Conversion, 03/91
Tank Model: Not reported
Pipe Model: Not reported
Install Date: 12/1/1968
Capacity Gallons: 5000
Tightness Test Method: NN
Next Test Date: Not reported
Date Tank Closed: Not reported
Tank Location: 5
Tank Type: Steel/carbon steel
Date Test: Not reported
Register: True
Modified By: TRANSLAT
Last Modified: 3/4/2004

Site ID: 43934

Tank Number: 002
Tank ID: 133955
Tank Status: Closed Prior to Micro Conversion, 03/91
Tank Model: Not reported
Pipe Model: Not reported
Install Date: Not reported
Capacity Gallons: 550
Tightness Test Method: NN
Next Test Date: Not reported
Date Tank Closed: Not reported
Tank Location: 5
Tank Type: Steel/carbon steel
Date Test: Not reported
Register: True
Modified By: TRANSLAT
Last Modified: 3/4/2004

HIST UST:

PBS Number: 7-007927
SPDES Number: Not reported
Emergency Contact: PAUL ALTENBERG MOTOR EQUIP MEC
Emergency Telephone: (315) 451-1725
Operator: NEW YORK STATE FAIR DIV
Operator Telephone: (315) 487-7711

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NEW YORK STATE FAIR DIV (Continued)

U003077693

Owner Name: NYS DEPT AG & MKT
Owner Address: NEW YORK STATE FAIR DIVISION
Owner City,St,Zip: SYRACUSE, NY 13209
Owner Telephone: (315) 487-7711
Owner Type: State Government
Owner Subtype: NYS Department of Agriculture and Marketing
Mailing Name: NYS DEPT AG & MKT
Mailing Address: NEW YORK STATE FAIR DIVISION
Mailing Address 2: Not reported
Mailing City,St,Zip: SYRACUSE, NY 13209
Mailing Contact: Not reported
Mailing Telephone: (315) 487-7711
Owner Mark: First Owner
Facility Status: 2 - Unregulated by PBS (the total capacity is less than 1,101 gallons)
and Subpart 360-14.
Facility Addr2: Not reported
SWIS ID: 3115
Old PBS Number: Not reported
Facility Type: Not reported
Inspected Date: Not reported
Inspector: Not reported
Inspection Result: Not reported
Federal ID: Not reported
Certification Flag: False
Certification Date: 09/02/1986
Expiration Date: 09/02/1991
Renew Flag: False
Renewal Date: Not reported
Total Capacity: 0
FAMT: True
Facility Screen: Minor Data Missing
Owner Screen: Minor Data Missing
Tank Screen: 0
Dead Letter: False
CBS Number: Not reported
Town or City: SYRACUSE (C)
County Code: 31
Town or City: 15
Region: 7
Tank Id: 001
Tank Location: UNDERGROUND
Tank Status: Closed Before April 1, 1991
Install Date: 19681201
Capacity (gals): 5000
Product Stored: UNLEADED GASOLINE
Tank Type: Steel/carbon steel
Tank Internal: Not reported
Tank External: Not reported
Pipe Location: Not reported
Pipe Type: Not reported
Pipe Internal: Not reported
Pipe External: Not reported
Second Containment: None
Leak Detection: None
Overfill Prot: Not reported
Dispenser: Suction

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NEW YORK STATE FAIR DIV (Continued)

U003077693

Date Tested: Not reported
Next Test Date: Not reported
Missing Data for Tank: Minor Data Missing
Date Closed: Not reported
Test Method: Not reported
Deleted: False
Updated: False
Lat/long: Not reported

Tank Id: 002
Tank Location: UNDERGROUND
Tank Status: Closed Before April 1, 1991
Install Date: Not reported
Capacity (gals): 550
Product Stored: DIESEL
Tank Type: Steel/carbon steel
Tank Internal: Not reported
Tank External: Not reported
Pipe Location: Not reported
Pipe Type: Not reported
Pipe Internal: Not reported
Pipe External: Not reported
Second Containment: None
Leak Detection: None
Overfill Prot: Not reported
Dispenser: Suction
Date Tested: Not reported
Next Test Date: Not reported
Missing Data for Tank: Minor Data Missing
Date Closed: Not reported
Test Method: Not reported
Deleted: False
Updated: False
Lat/long: Not reported

AST:

Region: STATE
DEC Region: 7
Site Status: Unregulated
Facility Id: 7-007927
Program Type: PBS
UTM X: Not reported
UTM Y: Not reported
Expiration Date: N/A

Affiliation Records:

Site Id: 43934
Affiliation Type: Emergency Contact
Company Name: NYS DEPT AG & MKT
Contact Type: Not reported
Contact Name: PAUL ALTENBERG MOTOR EQUIP MEC
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NEW YORK STATE FAIR DIV (Continued)

U003077693

Country Code: 001
Phone: (315) 451-1725
Phone Ext: Not reported
Email: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Site Id: 43934
Affiliation Type: Mail Contact
Company Name: NYS DEPT AG & MKT
Contact Type: Not reported
Contact Name: Not reported
Address1: NEW YORK STATE FAIR DIVISION
Address2: Not reported
City: SYRACUSE
State: NY
Zip Code: 13209
Country Code: 001
Phone: (315) 487-7711
Phone Ext: Not reported
Email: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Site Id: 43934
Affiliation Type: On-Site Operator
Company Name: NEW YORK STATE FAIR DIV
Contact Type: Not reported
Contact Name: NEW YORK STATE FAIR DIV
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (315) 487-7711
Phone Ext: Not reported
Email: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Site Id: 43934
Affiliation Type: Owner
Company Name: NYS DEPT AG & MKT
Contact Type: Not reported
Contact Name: Not reported
Address1: NEW YORK STATE FAIR DIVISION
Address2: Not reported
City: SYRACUSE
State: NY
Zip Code: 13209
Country Code: 001
Phone: (315) 487-7711
Phone Ext: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NEW YORK STATE FAIR DIV (Continued)

U003077693

Email: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Equipment Records:

G00 - Tank Secondary Containment - None
H00 - Tank Leak Detection - None
H00 - Tank Leak Detection - None
D00 - Pipe Type - No Piping
J02 - Dispenser - Suction
A00 - Tank Internal Protection - None
B00 - Tank External Protection - None
A00 - Tank Internal Protection - None
B00 - Tank External Protection - None
J02 - Dispenser - Suction
I00 - Overfill - None
D00 - Pipe Type - No Piping
I00 - Overfill - None
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction
F00 - Pipe External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
C00 - Pipe Location - No Piping
D00 - Pipe Type - No Piping
G00 - Tank Secondary Containment - None
H00 - Tank Leak Detection - None
A00 - Tank Internal Protection - None
I00 - Overfill - None
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
C00 - Pipe Location - No Piping

Tank Info:

Tank Number: 003
Tank Id: 133956
Tank Location: 1
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Closed Prior to Micro Conversion, 03/91
Tank Model: Not reported
Pipe Model: Not reported
Install Date: Not reported
Capacity Gallons: 275
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: TRANSLAT
Last Modified: 3/4/2004

HIST AST:

PBS Number: 7-007927
SWIS Code: 3115
Operator: NEW YORK STATE FAIR DIV

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NEW YORK STATE FAIR DIV (Continued)

U003077693

Facility Phone: (315) 487-7711
Facility Addr2: Not reported
Facility Type: Not reported
Emergency: PAUL ALTENBERG MOTOR EQUIP MEC
Emergency Tel: (315) 451-1725
Old PBSNO: Not reported
Date Inspected: Not reported
Inspector: Not reported
Result of Inspection: Not reported
Owner Name: NYS DEPT AG & MKT
Owner Address: NEW YORK STATE FAIR DIVISION
Owner City,St,Zip: SYRACUSE, NY 13209
Federal ID: Not reported
Owner Tel: (315) 487-7711
Owner Type: State Government
Owner Subtype: 15
Mailing Contact: Not reported
Mailing Name: NYS DEPT AG & MKT
Mailing Address: NEW YORK STATE FAIR DIVISION
Mailing Address 2: Not reported
Mailing City,St,Zip: SYRACUSE, NY 13209
Mailing Telephone: (315) 487-7711
Owner Mark: First Owner
Facility Status: 2 - Unregulated by PBS (the total capacity is less than 1,101 gallons) and Subpart 360-14.

Certification Flag: False
Certification Date: 09/02/1986
Expiration: 09/02/1991
Renew Flag: False
Renew Date: Not reported
Total Capacity: 0
FAMT: True
Facility Screen: Minor Data Missing
Owner Screen: Minor Data Missing
Tank Screen: 0
Dead Letter: False
CBS Number: Not reported
Town or City: SYRACUSE (C)
County Code: 31
Town or City Code: 15
Region: 7

Tank ID: 003
Tank Location: ABOVEGROUND
Tank Status: Closed Before April 1, 1991
Install Date: Not reported
Capacity (Gal): 275
Product Stored: KEROSENE
Tank Type: Steel/carbon steel
Tank Internal: Not reported
Tank External: Not reported
Pipe Location: Not reported
Pipe Type: Not reported
Pipe Internal: Not reported
Pipe External: Not reported
Tank Containment: None
Leak Detection: 0

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

NEW YORK STATE FAIR DIV (Continued)

U003077693

Overfill Protection: Not reported
 Dispenser Method: Suction
 Date Tested: Not reported
 Next Test Date: Not reported
 Missing Data for Tank: Minor Data Missing
 Date Closed: Not reported
 Test Method: Not reported
 Deleted: False
 Updated: False
 SPDES Number: Not reported
 Lat/Long: Not reported

117
 ENE
 > 1
 1.488 mi.
 7854 ft.

**CLARKS PETROLEUM SERVICE
 690W NEAR FAIRGRD
 GEDDES, NY**

**LTANKS S101102559
 HIST LTANKS N/A**

**Relative:
 Lower**

LTANKS:

Site ID: 263207
 Spill No: 9402376
 Spill Date: 4/20/1994
 Spill Cause: Tank Failure
 Spill Source: Tank Truck
 Spill Class: Known release with minimal potential for fire or hazard. DEC Response.
 Willing Responsible Party. Corrective action taken.

**Actual:
 382 ft.**

Spill Closed Dt: 5/24/1994
 Facility Addr2: Not reported
 Cleanup Ceased: 4/20/1994
 Cleanup Meets Standard: True
 SWIS: 3432
 Investigator: HDWARNER
 Referred To: Not reported
 Reported to Dept: 4/20/1994
 CID: Not reported
 Water Affected: Not reported
 Spill Notifier: Local Agency
 Last Inspection: 4/20/1994
 Recommended Penalty: Penalty Not Recommended
 UST Involvement: False
 Remediation Phase: 0
 Date Entered In Computer: Not reported
 Spill Record Last Update: 12/2/2003
 Spiller Name: Not reported
 Spiller Company: CLARKS PETROLEUM
 Spiller Address: OXBOW RD
 Spiller City,St,Zip: CANASTOTA, NY
 Spiller County: 001
 Spiller Contact: Not reported
 Spiller Phone: Not reported
 Spiller Extention: Not reported
 DEC Region: 7
 DER Facility ID: 214571
 DEC Memo: Prior to Sept, 2004 data translation this spill Lead_DEC Field was

Remarks:

SADDLETANK ON TRUCK RUPTURED BY DEBRIS ON RD. ABSORBANTS APPLIED ON
 EDGE OF RD. TRUCK WILL NOT BE REMOVED UNTIL LEAK IS FIXED.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CLARKS PETROLEUM SERVICE (Continued)

S101102559

Material:

Site ID: 263207
Operable Unit ID: 996163
Operable Unit: 01
Material ID: 382570
Material Code: 0008
Material Name: Diesel
Case No.: Not reported
Material FA: Petroleum
Quantity: 20
Units: Gallons
Recovered: 5
Resource Affected: Not reported
Oxygenate: False

Tank Test:

Site ID: Not reported
Spill Tank Test: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate: Not reported
Gross Fail: Not reported
Modified By: Not reported
Last Modified: Not reported
Test Method: Not reported

HIST LTANKS:

Region of Spill: 7
Spill Number: 9402376
Spill Date: 04/20/1994
Spill Time: 11:00
Spill Cause: Tank Failure
Resource Affectd: On Land
Water Affected: Not reported
Spill Source: Tank Truck
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.
Willing Responsible Party. Corrective action taken.
Spill Closed Dt: 05/24/94
Cleanup Ceased: 04/20/94
Cleanup Meets Standard: True
Investigator: HW
Caller Name: Not reported
Caller Agency: Not reported
Caller Phone: Not reported
Caller Extension: Not reported
Notifier Name: Not reported
Notifier Agency: Not reported
Notifier Phone: Not reported
Notifier Extension: Not reported
Reported to Department Date: 04/20/94
Reported to Department Time: 11:15
SWIS: 31
Spiller Contact: Not reported
Spiller Phone: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CLARKS PETROLEUM SERVICE (Continued)

S101102559

Spiller Extention: Not reported
Spiller Name: CLARKS PETROLEUM
Spiller Address: OXBOW RD
Spiller City,St,Zip: CANASTOTA
Spiller Cleanup Date: / /
Facility Contact: Not reported
Facility Phone: Not reported
Facility Extention: Not reported
Spill Notifier: Local Agency
PBS Number: Not reported
Last Inspection: 04/20/94
Recommended Penalty: Penalty Not Recommended
Enforcement Date: / /
Investigation Complete: / /
UST Involvement: False
Date Region Sent Summary to Central Office: / /
Corrective Action Plan Submitted: / /
Date Spill Entered In Computer Data File: 05/24/94
Time Spill Entered In Computer Data File: Not reported
Spill Record Last Update: / /
Is Updated: False

Tank:

PBS Number: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported

Material:

Material Class Type: Petroleum
Quantity Spilled: 20
Unkonwn Quantity Spilled: False
Units: Gallons
Quantity Recovered: 5
Unkonwn Quantity Recovered: False
Material: DIESEL
Class Type: DIESEL
Times Material Entry In File: 10625
CAS Number: Not reported
Last Date: 19940728
DEC Remarks: 05/24/94: NO FURTHER ACTION NECCESARY.
Spill Cause: SADDLETANK ON TRUCK RUPTURED BY DEBRIS ON RD. ABSORBANTS APPLIED ON EDGE OF RD.
TRUCK WILL NOT BE REMOVED UNTIL LEAK IS FIXED.

X118 T.E.K. DRY CLEANERS
NNE 852 STATE FAIR BLVD
> 1 LAKELAND, NY 13209
1.500 mi.
7921 ft. Site 1 of 2 in cluster X

CERC-NFRAP 1000107362
RCRA-NonGen NYD981077878
FINDS
MANIFEST

Relative: CERC-NFRAP:
Higher Site ID: 0202820
Federal Facility: Not a Federal Facility
Actual: NPL Status: Not on the NPL
477 ft. Non NPL Status: NFRAP

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

T.E.K. DRY CLEANERS (Continued)

1000107362

CERCLIS-NFRAP Site Alias Name(s):

Alias Name: T.E.K. DRY CLEANERS
Alias Address: Not reported
ONONDAGA, NY

CERCLIS-NFRAP Assessment History:

Action: DISCOVERY
Date Started: Not reported
Date Completed: 04/19/1988
Priority Level: Not reported

Action: PRELIMINARY ASSESSMENT
Date Started: 12/01/1989
Date Completed: 03/26/1990
Priority Level: NFRAP: No further Remedial Action planned

Action: ARCHIVE SITE
Date Started: Not reported
Date Completed: 03/26/1990
Priority Level: Not reported

RCRA-NonGen:

Date form received by agency: 01/01/2007
Facility name: TEK CLEANERS
Facility address: 852 STATE FAIR BLVD
SYRACUSE, NY 132091316
EPA ID: NYD981077878
Mailing address: STATE FAIR BLVD
SYRACUSE, NY 13209
Contact: Not reported
Contact address: STATE FAIR BLVD
SYRACUSE, NY 13209
Contact country: US
Contact telephone: Not reported
Contact email: Not reported
EPA Region: 02
Land type: Facility is not located on Indian land. Additional information is not known.
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: Not reported
Owner/operator address: NOT REQUIRED
NOT REQUIRED, WY 99999
Owner/operator country: US
Owner/operator telephone: (212) 555-1212
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: Not reported
Owner/operator address: NOT REQUIRED
NOT REQUIRED, WY 99999
Owner/operator country: US

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

T.E.K. DRY CLEANERS (Continued)

1000107362

Owner/operator telephone: (212) 555-1212
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler accessibility indicator: Transferred to the program or state equivalent.

Handler Activities Summary:

U.S. importer of hazardous waste: Unknown
Mixed waste (haz. and radioactive): Unknown
Recycler of hazardous waste: No
Transporter of hazardous waste: Unknown
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: Unknown
Furnace exemption: Unknown
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Commercial status unknown

Historical Generators:

Date form received by agency: 01/01/2006
Facility name: TEK CLEANERS
Classification: Not a generator, verified

Date form received by agency: 07/08/1999
Facility name: TEK CLEANERS
Classification: Not a generator, verified

Date form received by agency: 04/25/1985
Facility name: TEK CLEANERS
Classification: Large Quantity Generator

Facility Has Received Notices of Violations:

Regulation violated: SR - 372.2(C)(2)
Area of violation: Generators - General
Date violation determined: 08/13/1990
Date achieved compliance: 08/13/1990
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 09/21/1989

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

T.E.K. DRY CLEANERS (Continued)

1000107362

Date achieved compliance: 09/21/1989
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:

Evaluation date: 08/13/1990
Evaluation: NON-FINANCIAL RECORD REVIEW
Area of violation: Generators - General
Date achieved compliance: 08/13/1990
Evaluation lead agency: State

Evaluation date: 09/21/1989
Evaluation: NON-FINANCIAL RECORD REVIEW
Area of violation: Generators - General
Date achieved compliance: 09/21/1989
Evaluation lead agency: State

FINDS:

Registry ID: 110004394851

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

NY MANIFEST:

EPA ID: NYD981077878
Country: USA
Mailing Name: TEK CLEANERS
Mailing Contact: TEK CLEANERS
Mailing Address: 852 STATE FAIR BLVD
Mailing Address 2: Not reported
Mailing City: SYRACUSE
Mailing State: NY
Mailing Zip: 13209
Mailing Zip4: Not reported
Mailing Country: USA
Mailing Phone: 315-487-7319

Document ID: NYA3831930
Manifest Status: Completed after the designated time period for a TSDf to get a copy to the DEC
Trans1 State ID: IL009
Trans2 State ID: Not reported
Generator Ship Date: 861112

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

T.E.K. DRY CLEANERS (Continued)

1000107362

Trans1 Recv Date: 861112
Trans2 Recv Date: Not reported
TSD Site Recv Date: 861120
Part A Recv Date: 870105
Part B Recv Date: 861124
Generator EPA ID: NYD981077878
Trans1 EPA ID: ILD000805911
Trans2 EPA ID: Not reported
TSD ID: NYD000824581
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00840
Units: P - Pounds
Number of Containers: 007
Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100
Year: 86

Document ID: NYA6836602
Manifest Status: Completed copy
Trans1 State ID: NYCR7085
Trans2 State ID: Not reported
Generator Ship Date: 871026
Trans1 Recv Date: 871026
Trans2 Recv Date: Not reported
TSD Site Recv Date: 871026
Part A Recv Date: 871120
Part B Recv Date: 871030
Generator EPA ID: NYD981077878
Trans1 EPA ID: ILD051060408
Trans2 EPA ID: Not reported
TSD ID: NYD000824581
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00675
Units: P - Pounds
Number of Containers: 005
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100
Year: 87

Document ID: NYA5642289
Manifest Status: Completed after the designated time period for a TSD ID to get a copy to the DEC
Trans1 State ID: Not reported
Trans2 State ID: Not reported
Generator Ship Date: 870623
Trans1 Recv Date: 870623
Trans2 Recv Date: Not reported
TSD Site Recv Date: 870623
Part A Recv Date: 870811
Part B Recv Date: 870630
Generator EPA ID: NYD981077878
Trans1 EPA ID: ILD000805911
Trans2 EPA ID: Not reported
TSD ID: NYD000824581

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

T.E.K. DRY CLEANERS (Continued)

1000107362

Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00204
Units: P - Pounds
Number of Containers: 002
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100
Waste Code: Not reported
Quantity: 00204
Units: P - Pounds
Number of Containers: 002
Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100
Year: 87

Document ID: NYA6625912
Manifest Status: Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID: OH9B3357
Trans2 State ID: Not reported
Generator Ship Date: 870402
Trans1 Recv Date: 870402
Trans2 Recv Date: Not reported
TSD Site Recv Date: 870402
Part A Recv Date: 870512
Part B Recv Date: 870409
Generator EPA ID: NYD981077878
Trans1 EPA ID: ILD000805911
Trans2 EPA ID: Not reported
TSDF ID: NYD000824581
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00135
Units: P - Pounds
Number of Containers: 001
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100
Year: 87

Document ID: NYC2059615
Manifest Status: Completed copy
Trans1 State ID: NYAM6504
Trans2 State ID: Not reported
Generator Ship Date: 921223
Trans1 Recv Date: 921223
Trans2 Recv Date: Not reported
TSD Site Recv Date: 921223
Part A Recv Date: 930107
Part B Recv Date: 930107
Generator EPA ID: NYD981077878
Trans1 EPA ID: ILD051060408
Trans2 EPA ID: Not reported
TSDF ID: NYD000824581
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00303

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

T.E.K. DRY CLEANERS (Continued)

1000107362

Units: P - Pounds
Number of Containers: 003
Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100
Year: 92

Document ID: NYC1532867
Manifest Status: Completed copy
Trans1 State ID: NYNF6576
Trans2 State ID: Not reported
Generator Ship Date: 920318
Trans1 Recv Date: 920318
Trans2 Recv Date: Not reported
TSD Site Recv Date: 920318
Part A Recv Date: Not reported
Part B Recv Date: 920401
Generator EPA ID: NYD981077878
Trans1 EPA ID: ILD051060408
Trans2 EPA ID: Not reported
TSDF ID: NYD000824581
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00303
Units: P - Pounds
Number of Containers: 003
Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100
Year: 92

Document ID: NYC1561274
Manifest Status: Completed copy
Trans1 State ID: NYNS7862
Trans2 State ID: Not reported
Generator Ship Date: 920415
Trans1 Recv Date: 920415
Trans2 Recv Date: Not reported
TSD Site Recv Date: 920415
Part A Recv Date: 920427
Part B Recv Date: 920423
Generator EPA ID: NYD981077878
Trans1 EPA ID: ILD051060408
Trans2 EPA ID: Not reported
TSDF ID: NYD000824581
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00303
Units: P - Pounds
Number of Containers: 003
Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100
Year: 92

Document ID: NYC1682188

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

T.E.K. DRY CLEANERS (Continued)

1000107362

Manifest Status: Completed copy
Trans1 State ID: NYNS7862
Trans2 State ID: Not reported
Generator Ship Date: 920609
Trans1 Recv Date: 920609
Trans2 Recv Date: Not reported
TSD Site Recv Date: 920609
Part A Recv Date: Not reported
Part B Recv Date: 920619
Generator EPA ID: NYD981077878
Trans1 EPA ID: ILD051060408
Trans2 EPA ID: Not reported
TSD ID: NYD000824581
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00303
Units: P - Pounds
Number of Containers: 003
Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100
Year: 92

Document ID: NYC1486855
Manifest Status: Completed copy
Trans1 State ID: NYNF6576
Trans2 State ID: Not reported
Generator Ship Date: 920217
Trans1 Recv Date: 920217
Trans2 Recv Date: Not reported
TSD Site Recv Date: 920217
Part A Recv Date: 920228
Part B Recv Date: 920225
Generator EPA ID: NYD981077878
Trans1 EPA ID: ILD051060408
Trans2 EPA ID: Not reported
TSD ID: NYD000824581
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00202
Units: P - Pounds
Number of Containers: 002
Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100
Year: 92

Document ID: NYC1919608
Manifest Status: Completed copy
Trans1 State ID: NYLW1771
Trans2 State ID: Not reported
Generator Ship Date: 921030
Trans1 Recv Date: 921030
Trans2 Recv Date: Not reported
TSD Site Recv Date: 921030
Part A Recv Date: 921120
Part B Recv Date: 921109

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

T.E.K. DRY CLEANERS (Continued)

1000107362

Generator EPA ID: NYD981077878
Trans1 EPA ID: ILD051060408
Trans2 EPA ID: Not reported
TSDF ID: NYD000824581
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00101
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100
Year: 92

Document ID: NYA6793863
Manifest Status: Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID: NYCR7085
Trans2 State ID: Not reported
Generator Ship Date: 870916
Trans1 Recv Date: 870916
Trans2 Recv Date: Not reported
TSD Site Recv Date: 870916
Part A Recv Date: 871106
Part B Recv Date: 870923
Generator EPA ID: NYD981077878
Trans1 EPA ID: ILD000805911
Trans2 EPA ID: Not reported
TSDF ID: NYD000824581
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00270
Units: P - Pounds
Number of Containers: 002
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100
Year: 87

Document ID: NYA6904394
Manifest Status: Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID: NYCR7085
Trans2 State ID: Not reported
Generator Ship Date: 871218
Trans1 Recv Date: 871218
Trans2 Recv Date: Not reported
TSD Site Recv Date: 871218
Part A Recv Date: 880223
Part B Recv Date: 871228
Generator EPA ID: NYD981077878
Trans1 EPA ID: ILD051060408
Trans2 EPA ID: Not reported
TSDF ID: NYD000824581
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00405
Units: P - Pounds
Number of Containers: 003
Container Type: DF - Fiberboard or plastic drums (glass)

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

T.E.K. DRY CLEANERS (Continued)

1000107362

Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100
Year: 87

Document ID: NYA6468552
Manifest Status: Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID: NY27900GL
Trans2 State ID: Not reported
Generator Ship Date: 870227
Trans1 Recv Date: 870227
Trans2 Recv Date: Not reported
TSD Site Recv Date: 870227
Part A Recv Date: 870410
Part B Recv Date: 870305
Generator EPA ID: NYD981077878
Trans1 EPA ID: ILD000805911
Trans2 EPA ID: Not reported
TSDF ID: NYD000824581
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00480
Units: P - Pounds
Number of Containers: 004
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100
Year: 87

Document ID: NYA6737747
Manifest Status: Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID: NYCR7085
Trans2 State ID: Not reported
Generator Ship Date: 870721
Trans1 Recv Date: 870721
Trans2 Recv Date: Not reported
TSD Site Recv Date: 870721
Part A Recv Date: 870910
Part B Recv Date: 870724
Generator EPA ID: NYD981077878
Trans1 EPA ID: ILD000805911
Trans2 EPA ID: Not reported
TSDF ID: NYD000824581
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00405
Units: P - Pounds
Number of Containers: 003
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100
Year: 87

Document ID: NYA6875436
Manifest Status: Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID: NYCR7085
Trans2 State ID: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

T.E.K. DRY CLEANERS (Continued)

1000107362

Generator Ship Date: 871123
Trans1 Recv Date: 871123
Trans2 Recv Date: Not reported
TSD Site Recv Date: 871123
Part A Recv Date: 880121
Part B Recv Date: 871127
Generator EPA ID: NYD981077878
Trans1 EPA ID: ILD051060408
Trans2 EPA ID: Not reported
TSDF ID: NYD000824581
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00540
Units: P - Pounds
Number of Containers: 004
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100
Year: 87

Document ID: NYA8691388
Manifest Status: Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID: NYCR7085
Trans2 State ID: Not reported
Generator Ship Date: 880210
Trans1 Recv Date: 880210
Trans2 Recv Date: Not reported
TSD Site Recv Date: 880210
Part A Recv Date: 880308
Part B Recv Date: 880217
Generator EPA ID: NYD981077878
Trans1 EPA ID: ILD051060408
Trans2 EPA ID: Not reported
TSDF ID: NYD000824581
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00675
Units: P - Pounds
Number of Containers: 005
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100
Year: 88

Document ID: NYA8777709
Manifest Status: Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID: NYCR7085
Trans2 State ID: Not reported
Generator Ship Date: 880407
Trans1 Recv Date: 880407
Trans2 Recv Date: Not reported
TSD Site Recv Date: 880407
Part A Recv Date: 880526
Part B Recv Date: 880412
Generator EPA ID: NYD981077878
Trans1 EPA ID: ILD051060408
Trans2 EPA ID: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

T.E.K. DRY CLEANERS (Continued)

1000107362

TSDF ID: NYD000824581
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00540
Units: P - Pounds
Number of Containers: 004
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100
Year: 88

Document ID: NYA8924534
Manifest Status: Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID: NYCR7085
Trans2 State ID: Not reported
Generator Ship Date: 880311
Trans1 Recv Date: 880311
Trans2 Recv Date: Not reported
TSD Site Recv Date: 880311
Part A Recv Date: 880428
Part B Recv Date: 880318
Generator EPA ID: NYD981077878
Trans1 EPA ID: ILD051060408
Trans2 EPA ID: Not reported
TSDF ID: NYD000824581
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00675
Units: P - Pounds
Number of Containers: 005
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100
Year: 88

Document ID: NYC1993972
Manifest Status: Completed copy
Trans1 State ID: NYLW1771
Trans2 State ID: Not reported
Generator Ship Date: 921012
Trans1 Recv Date: 921012
Trans2 Recv Date: Not reported
TSD Site Recv Date: 921012
Part A Recv Date: 921029
Part B Recv Date: 921022
Generator EPA ID: NYD981077878
Trans1 EPA ID: ILD051060408
Trans2 EPA ID: Not reported
TSDF ID: NYD000824581
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00540
Units: P - Pounds
Number of Containers: 004
Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100
Year: 92

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

T.E.K. DRY CLEANERS (Continued)

1000107362

Document ID: NYC2009935
 Manifest Status: Completed copy
 Trans1 State ID: NYHD5242
 Trans2 State ID: Not reported
 Generator Ship Date: 921123
 Trans1 Recv Date: 921123
 Trans2 Recv Date: Not reported
 TSD Site Recv Date: 921123
 Part A Recv Date: 921202
 Part B Recv Date: 921203
 Generator EPA ID: NYD981077878
 Trans1 EPA ID: ILD051060408
 Trans2 EPA ID: Not reported
 TSD ID: NYD000824581
 Waste Code: D001 - NON-LISTED IGNITABLE WASTES
 Quantity: 00303
 Units: P - Pounds
 Number of Containers: 003
 Container Type: DM - Metal drums, barrels
 Handling Method: R Material recovery of more than 75 percent of the total material.
 Specific Gravity: 100
 Year: 92

[Click this hyperlink](#) while viewing on your computer to access
 73 additional NY_MANIFEST: record(s) in the EDR Site Report.

X119
NNE
> 1
1.500 mi.
7921 ft.

TEK DRY CLEANERS
852 STATE FAIR BLVD
GEDDES, NY 13209
Site 2 of 2 in cluster X

HSWDS S108146653
N/A

Relative:
Higher

HSWDS:
 Facility ID: Not reported
 Region: 7
 Facility Status: None
 Owner Type: Puplic
 Owner: Ed Kolceski
 Owner Address: 852 Statefair Blvd
 Owner Phone: 315-487-7319
 Operator Type: Puplic
 Operator: Same
 Operator: Same
 Operator Phone: Unknown
 EPA ID: None
 Registry: D
 Registry Site ID: 734045
 RCRA Permitted: Unknown
 Site Code: 5-dryclean
 Owner City State: Lakeland, NY
 Operator City State: Not reported
 Quadrangle: Syracuse West
 Latitude: 43 05'32"N
 Longitude: 76 14'28"W
 Acres: 2.00
 Operator Date: 1950
 Close Date: 1988
 Completed: Phase I

Actual:
477 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TEK DRY CLEANERS (Continued)

S108146653

Active:	No
PCB's Disposed:	No
Pesticides Disposed:	No
Metals Disposed:	No
Asbestos Disposed:	No
Volatile Organic Compounds Disposed:	Yes
Semi Volatile Organic Compounds Disposed:	Yes
Analytical Info Exists for Air:	Air
Analytical Info Exists for Ground:	Groundwater
Analytical Info Exists for Surface:	Not reported
Analytical Info Exists for Sediments:	Not reported
Analytical Info Exists for Surface:	Surface Soil
Analytical Info Exists for Substance:	Not reported
Analytical Info Exists for Waste:	Waste
Analytical Info Exists for Leachate:	Not reported
Analytical Info Exists for EP Toxicity:	Not reported
Analytical Info Exists for TCLP:	Not reported
Threat to Environment/Public Health:	Environmental/Public
Surface Water Contamination:	Unknown
Surface Water Body Class:	Unknown
Groundwater Contamination:	Unknown
Groundwater Classification:	Unknown
Drinking Water Contamination:	Unknown
Drinking Water Supply is Active:	Unknown
Any Known Fish or Wildlife:	No
Hazardous Exposure:	Unknown
Site Has Controlled Access:	No
Ambient Air Contamination:	Yes
Direct Contact:	Unknown
EPA Hazardous Ranking System Score:	Unknown
Inventory:	F
Nefrap:	Not reported
Mailing:	Not reported
Tax Map No:	Not reported
Qualify:	0
Next Action:	Not reported
Agencies:	Not reported
Air:	Not reported
Building:	Not reported
Site Desc:	Not reported
Drink:	Not reported
Eptox:	Not reported
Fish:	Not reported
Ground:	Not reported
Ground Desc:	Not reported
Hazardous Threat:	Not reported
Haz Threat Desc:	Not reported
Leachate:	Not reported
Preparer:	Not reported
Sediment:	Not reported
Soil:	Not reported
Surface:	Not reported
Status:	Not reported
Surface Soil:	Not reported
Surface:	Not reported
TCLP:	Not reported
Waste:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

Y120
SSW
> 1
1.503 mi.
7935 ft.

SOUTHERN CONTAINER CORP
500 HINSDALE RD
SYRACUSE, NY 13031
Site 1 of 3 in cluster Y

CORRACTS 1000407952
RCRA-NonGen NYD002246171
FINDS
UST
HIST UST
MANIFEST

Relative:
Higher

CORRACTS:

Actual:
471 ft.

EPA ID: NYD002246171
EPA Region: 2
Area Name: SITEWIDE
Actual Date: 7/27/1995
Action: CA050 - RFA Completed
NAICS Code(s): 322211
Corrugated and Solid Fiber Box Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: NYD002246171
EPA Region: 2
Area Name: SITEWIDE
Actual Date: 9/18/1995
Action: CA075LO - CA Prioritization, Facility or area was assigned a low
corrective action priority
NAICS Code(s): 322211
Corrugated and Solid Fiber Box Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

RCRA-NonGen:

Date form received by agency: 01/01/2007
Facility name: SOUTHERN CONTAINER CORP
Facility address: 500 HINSDALE RD
SYRACUSE, NY 13031
EPA ID: NYD002246171
Mailing address: ENGINEERS RD
HAUPPAUGE, NY 11788
Contact: Not reported
Contact address: ENGINEERS RD
HAUPPAUGE, NY 11788
Contact country: US
Contact telephone: Not reported
Contact email: Not reported
EPA Region: 02
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: SOUTHERN CONTAINER CORP
Owner/operator address: COURTHOUSE PLAZA NE
DAYTON, OH 45463
Owner/operator country: US
Owner/operator telephone: (513) 222-6323
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHERN CONTAINER CORP (Continued)

1000407952

Owner/operator name: MEAD CORP
Owner/operator address: COURTHOUSE PLZ NE
OPERCITY, OH 99999
Owner/operator country: US
Owner/operator telephone: (513) 222-6323
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler accessibility indicator: Transferred to the program or state equivalent.

Handler Activities Summary:

U.S. importer of hazardous waste: Unknown
Mixed waste (haz. and radioactive): Unknown
Recycler of hazardous waste: No
Transporter of hazardous waste: Unknown
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: Unknown
Furnace exemption: Unknown
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Commercial status unknown

Historical Generators:

Date form received by agency: 01/01/2006
Facility name: SOUTHERN CONTAINER CORP
Classification: Not a generator, verified

Date form received by agency: 07/08/1999
Facility name: SOUTHERN CONTAINER CORP
Classification: Not a generator, verified

Date form received by agency: 11/19/1980
Facility name: SOUTHERN CONTAINER CORP
Classification: Not a generator, verified

Date form received by agency: 08/11/1980
Facility name: SOUTHERN CONTAINER CORP
Classification: Large Quantity Generator

Corrective Action Summary:

Event date: 07/27/1995
Event: RFA Completed

Event date: 09/18/1995
Event: CA Prioritization, Facility or area was assigned a low corrective action priority.

Violation Status: No violations found

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHERN CONTAINER CORP (Continued)

1000407952

FINDS:

Registry ID: 110009465587

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

UST:

Facility Id: 7-180939
Region: STATE
DEC Region: 7
Site Status: Unregulated
Program Type: PBS
Expiration Date: N/A
UTM X: 396906.70711000002
UTM Y: 4767811.7172100004

Affiliation Records:

Site Id: 44959
Affiliation Type: On-Site Operator
Company Name: SOUTHERN CONTAINER CORPORATION
Contact Type: Not reported
Contact Name: SOUTHERN CONTAINER CORPORATION
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (315) 487-6111
Phone Ext: Not reported
Email: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Site Id: 44959
Affiliation Type: Owner
Company Name: SOUTHERN CONTAINER CORPORATION
Contact Type: Not reported
Contact Name: Not reported
Address1: 115 ENGINEERS ROAD
Address2: Not reported
City: HAUPPAUGE
State: NY
Zip Code: 11788
Country Code: 001
Phone: (516) 231-0400
Phone Ext: Not reported
Email: Not reported
Fax Number: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHERN CONTAINER CORP (Continued)

1000407952

Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Site Id: 44959
Affiliation Type: Emergency Contact
Company Name: SOUTHERN CONTAINER CORPORATION
Contact Type: Not reported
Contact Name: JIM PAPPALARDO
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (315) 487-6111
Phone Ext: Not reported
Email: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Site Id: 44959
Affiliation Type: Mail Contact
Company Name: SOUTHERN CONTAINER CORPORATION
Contact Type: Not reported
Contact Name: Not reported
Address1: 115 ENGINEERS ROAD
Address2: Not reported
City: HAUPPAUGE
State: NY
Zip Code: 11788
Country Code: 001
Phone: (516) 231-0400
Phone Ext: Not reported
Email: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Equipment Records:

J02 - Dispenser - Suction
A00 - Tank Internal Protection - None
I00 - Overfill - None
H00 - Tank Leak Detection - None
G00 - Tank Secondary Containment - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
J02 - Dispenser - Suction
D01 - Pipe Type - Steel/Carbon Steel/Iron
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction
B00 - Tank External Protection - None
I00 - Overfill - None
B00 - Tank External Protection - None
H00 - Tank Leak Detection - None

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHERN CONTAINER CORP (Continued)

1000407952

I00 - Overfill - None
H00 - Tank Leak Detection - None
G00 - Tank Secondary Containment - None
G00 - Tank Secondary Containment - None
A00 - Tank Internal Protection - None
A00 - Tank Internal Protection - None
F00 - Pipe External Protection - None
G00 - Tank Secondary Containment - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
C00 - Pipe Location - No Piping
I00 - Overfill - None
H00 - Tank Leak Detection - None
A00 - Tank Internal Protection - None
B00 - Tank External Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction
F00 - Pipe External Protection - None
C00 - Pipe Location - No Piping

Tank Info:

Site ID: 44959

Tank Number: 001
Tank ID: 134187
Tank Status: Closed Prior to Micro Conversion, 03/91
Tank Model: Not reported
Pipe Model: Not reported
Install Date: 12/1/1971
Capacity Gallons: 4000
Tightness Test Method: NN
Next Test Date: Not reported
Date Tank Closed: Not reported
Tank Location: 5
Tank Type: Steel/carbon steel
Date Test: Not reported
Register: True
Modified By: TRANSLAT
Last Modified: 3/4/2004

Site ID: 44959

Tank Number: 002
Tank ID: 134188
Tank Status: Closed Prior to Micro Conversion, 03/91
Tank Model: Not reported
Pipe Model: Not reported
Install Date: 12/1/1971
Capacity Gallons: 4000
Tightness Test Method: NN
Next Test Date: Not reported
Date Tank Closed: Not reported
Tank Location: 5
Tank Type: Steel/carbon steel
Date Test: Not reported
Register: True
Modified By: TRANSLAT
Last Modified: 3/4/2004

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHERN CONTAINER CORP (Continued)

1000407952

Site ID: 44959

Tank Number: 003
Tank ID: 134189
Tank Status: Closed Prior to Micro Conversion, 03/91
Tank Model: Not reported
Pipe Model: Not reported
Install Date: 12/1/1971
Capacity Gallons: 12000
Tightness Test Method: NN
Next Test Date: Not reported
Date Tank Closed: Not reported
Tank Location: 5
Tank Type: Steel/carbon steel
Date Test: Not reported
Register: True
Modified By: TRANSLAT
Last Modified: 3/4/2004

Site ID: 44959

Tank Number: 004
Tank ID: 134190
Tank Status: Closed Prior to Micro Conversion, 03/91
Tank Model: Not reported
Pipe Model: Not reported
Install Date: 12/1/1971
Capacity Gallons: 10000
Tightness Test Method: NN
Next Test Date: Not reported
Date Tank Closed: Not reported
Tank Location: 5
Tank Type: Steel/carbon steel
Date Test: Not reported
Register: True
Modified By: TRANSLAT
Last Modified: 3/4/2004

HIST UST:

PBS Number: 7-180939
SPDES Number: Not reported
Emergency Contact: JIM PAPPALARDO
Emergency Telephone: (315) 487-6111
Operator: SOUTHERN CONTAINER CORPORATION
Operator Telephone: (315) 487-6111
Owner Name: SOUTHERN CONTAINER CORPORATION
Owner Address: 115 ENGINEERS ROAD
Owner City,St,Zip: HAUPPAUGE, NY 11788
Owner Telephone: (516) 231-0400
Owner Type: Not reported
Owner Subtype: Not reported
Mailing Name: SOUTHERN CONTAINER CORPORATION
Mailing Address: 115 ENGINEERS ROAD
Mailing Address 2: Not reported
Mailing City,St,Zip: HAUPPAUGE, NY 11788
Mailing Contact: Not reported
Mailing Telephone: (516) 231-0400

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHERN CONTAINER CORP (Continued)

1000407952

Owner Mark: First Owner
Facility Status: 2 - Unregulated by PBS (the total capacity is less than 1,101 gallons)
and Subpart 360-14.
Facility Addr2: Not reported
SWIS ID: 3120
Old PBS Number: Not reported
Facility Type: Not reported
Inspected Date: Not reported
Inspector: Not reported
Inspection Result: Not reported
Federal ID: Not reported
Certification Flag: False
Certification Date: 06/18/1987
Expiration Date: 06/18/1992
Renew Flag: False
Renewal Date: Not reported
Total Capacity: 0
FAMT: True
Facility Screen: Minor Data Missing
Owner Screen: Minor Data Missing
Tank Screen: 0
Dead Letter: False
CBS Number: Not reported
Town or City: CAMILLUS
County Code: 31
Town or City: 20
Region: 7

Tank Id: 001
Tank Location: UNDERGROUND
Tank Status: Closed Before April 1, 1991
Install Date: 19711201
Capacity (gals): 4000
Product Stored: DIESEL
Tank Type: Steel/carbon steel
Tank Internal: Not reported
Tank External: Not reported
Pipe Location: Not reported
Pipe Type: STEEL/IRON
Pipe Internal: Not reported
Pipe External: Not reported
Second Containment: None
Leak Detection: None
Overfill Prot: Not reported
Dispenser: Suction
Date Tested: Not reported
Next Test Date: Not reported
Missing Data for Tank: Minor Data Missing
Date Closed: Not reported
Test Method: Not reported
Deleted: False
Updated: False
Lat/long: Not reported

Tank Id: 002
Tank Location: UNDERGROUND

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHERN CONTAINER CORP (Continued)

1000407952

Tank Status: Closed Before April 1, 1991
Install Date: 19711201
Capacity (gals): 4000
Product Stored: DIESEL
Tank Type: Steel/carbon steel
Tank Internal: Not reported
Tank External: Not reported
Pipe Location: Not reported
Pipe Type: STEEL/IRON
Pipe Internal: Not reported
Pipe External: Not reported
Second Containment: None
Leak Detection: None
Overfill Prot: Not reported
Dispenser: Suction
Date Tested: Not reported
Next Test Date: Not reported
Missing Data for Tank: Minor Data Missing
Date Closed: Not reported
Test Method: Not reported
Deleted: False
Updated: False
Lat/long: Not reported

Tank Id: 003
Tank Location: UNDERGROUND
Tank Status: Closed Before April 1, 1991
Install Date: 19711201
Capacity (gals): 12000
Product Stored: NOS 1,2, OR 4 FUEL OIL
Tank Type: Steel/carbon steel
Tank Internal: Not reported
Tank External: Not reported
Pipe Location: Not reported
Pipe Type: STEEL/IRON
Pipe Internal: Not reported
Pipe External: Not reported
Second Containment: None
Leak Detection: None
Overfill Prot: Not reported
Dispenser: Suction
Date Tested: Not reported
Next Test Date: Not reported
Missing Data for Tank: Minor Data Missing
Date Closed: Not reported
Test Method: Not reported
Deleted: False
Updated: False
Lat/long: Not reported

Tank Id: 004
Tank Location: UNDERGROUND
Tank Status: Closed Before April 1, 1991
Install Date: 19711201
Capacity (gals): 10000

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHERN CONTAINER CORP (Continued)

1000407952

Product Stored: NOS 1,2, OR 4 FUEL OIL
Tank Type: Steel/carbon steel
Tank Internal: Not reported
Tank External: Not reported
Pipe Location: Not reported
Pipe Type: STEEL/IRON
Pipe Internal: Not reported
Pipe External: Not reported
Second Containment: None
Leak Detection: None
Overfill Prot: Not reported
Dispenser: Suction
Date Tested: Not reported
Next Test Date: Not reported
Missing Data for Tank: Minor Data Missing
Date Closed: Not reported
Test Method: Not reported
Deleted: False
Updated: False
Lat/long: Not reported

NY MANIFEST:

EPA ID: NYD002246171
Country: USA
Mailing Name: SOUTHERN CONTAINER CORPORATION
Mailing Contact: SOUTHERN CONTAINER CORPORATION
Mailing Address: 500 HINSDALE ROAD
Mailing Address 2: Not reported
Mailing City: CAMILLUS
Mailing State: NY
Mailing Zip: 13031
Mailing Zip4: Not reported
Mailing Country: USA
Mailing Phone: 315-487-6111

Document ID: NYO1362231
Manifest Status: Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID: 7A041
Trans2 State ID: Not reported
Generator Ship Date: 811203
Trans1 Recv Date: 811203
Trans2 Recv Date: Not reported
TSD Site Recv Date: 811203
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD002246171
Trans1 EPA ID: NYD009861410
Trans2 EPA ID: Not reported
TSDF ID: NYD080336241
Waste Code: D008 - LEAD 5.0 MG/L TCLP
Quantity: 00880
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 016
Container Type: DM - Metal drums, barrels
Handling Method: Not reported
Specific Gravity: 100

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHERN CONTAINER CORP (Continued)

1000407952

Year: 80-81

Document ID: NYO2218824
Manifest Status: Completed copy
Trans1 State ID: 7A-076
Trans2 State ID: Not reported
Generator Ship Date: 830408
Trans1 Recv Date: 830408
Trans2 Recv Date: Not reported
TSD Site Recv Date: 830408
Part A Recv Date: 030413
Part B Recv Date: 030413
Generator EPA ID: NYD002246171
Trans1 EPA ID: NYD057770109
Trans2 EPA ID: Not reported
TSD ID: NYD057770109
Waste Code: D008 - LEAD 5.0 MG/L TCLP
Quantity: 00385
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 007
Container Type: DM - Metal drums, barrels
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 100
Year: 83

Document ID: NYO2218923
Manifest Status: Completed copy
Trans1 State ID: 7A-076
Trans2 State ID: Not reported
Generator Ship Date: 821213
Trans1 Recv Date: 821213
Trans2 Recv Date: Not reported
TSD Site Recv Date: 821213
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD002246171
Trans1 EPA ID: NYD057770109
Trans2 EPA ID: Not reported
TSD ID: NYD057770109
Waste Code: D008 - LEAD 5.0 MG/L TCLP
Quantity: 04180
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 076
Container Type: DM - Metal drums, barrels
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 100
Year: 82

Document ID: NYO1579068
Manifest Status: Completed after the designated time period for a TSD to get a copy to the DEC
Trans1 State ID: 7A-076
Trans2 State ID: Not reported
Generator Ship Date: 830907
Trans1 Recv Date: 830907

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHERN CONTAINER CORP (Continued)

1000407952

Trans2 Recv Date: Not reported
TSD Site Recv Date: 830907
Part A Recv Date: 031017
Part B Recv Date: 031017
Generator EPA ID: NYD002246171
Trans1 EPA ID: NYD057770109
Trans2 EPA ID: Not reported
TSD ID: NYD057770109
Waste Code: D008 - LEAD 5.0 MG/L TCLP
Quantity: 01165
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 021
Container Type: DM - Metal drums, barrels
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 100
Year: 83

Y121
SSW
> 1
1.503 mi.
7935 ft.

**NIMO HINSDALE SERVICE CTR
500 HINSDALE ROAD
CAMILLUS, NY**

**LTANKS S101340727
HIST LTANKS N/A**

Site 2 of 3 in cluster Y

**Relative:
Higher**

LTANKS:

**Actual:
471 ft.**

Site ID: 233705
Spill No: 9412182
Spill Date: 12/12/1994
Spill Cause: Tank Failure
Spill Source: Commercial/Industrial
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.
Willing Responsible Party. Corrective action taken.
Spill Closed Dt: 8/6/2002
Facility Addr2: Not reported
Cleanup Ceased: Not reported
Cleanup Meets Standard: False
SWIS: 3420
Investigator: CFMANNES
Referred To: Not reported
Reported to Dept: 12/12/1994
CID: Not reported
Water Affected: Not reported
Spill Notifier: Responsible Party
Last Inspection: Not reported
Recommended Penalty: Penalty Not Recommended
UST Involvement: True
Remediation Phase: 0
Date Entered In Computer: 1/26/1995
Spill Record Last Update: 8/6/2002
Spiller Name: Not reported
Spiller Company: NIMO
Spiller Address: ERIE BLVD. WEST
Spiller City,St,Zip: SYRACUSE, NY
Spiller County: 001
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
DEC Region: 7
DER Facility ID: 192557

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NIMO HINSDALE SERVICE CTR (Continued)

S101340727

DEC Memo: Prior to Sept, 2004 data translation this spill Lead_DEC Field was
"CM" NO REPORT SUBMITTED
Remarks: DISCOVERED CONTAMIANATED SOIL IN EXCAVATION NEAR OLD UNDERGROUND TANK.

Material:

Site ID: 233705
Operable Unit ID: 1005939
Operable Unit: 01
Material ID: 374512
Material Code: 0008
Material Name: Diesel
Case No.: Not reported
Material FA: Petroleum
Quantity: 0
Units: Pounds
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:

Site ID: Not reported
Spill Tank Test: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate: Not reported
Gross Fail: Not reported
Modified By: Not reported
Last Modified: Not reported
Test Method: Not reported

HIST LTANKS:

Region of Spill: 7
Spill Number: 9412182
Spill Date: 12/12/1994
Spill Time: 14:30
Spill Cause: Tank Failure
Resource Affectd: On Land
Water Affected: Not reported
Spill Source: Other Commercial/Industrial
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.
Willing Responsible Party. Corrective action taken.
Spill Closed Dt: / /
Cleanup Ceased: / /
Cleanup Meets Standard: False
Investigator: CM
Caller Name: Not reported
Caller Agency: Not reported
Caller Phone: Not reported
Caller Extension: Not reported
Notifier Name: Not reported
Notifier Agency: Not reported
Notifier Phone: Not reported
Notifier Extension: Not reported
Reported to Department Date: 12/12/94

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NIMO HINSDALE SERVICE CTR (Continued)

S101340727

Reported to Department Time: 14:50
SWIS: 31
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
Spiller Name: NIMO
Spiller Address: ERIE BLVD. WEST
Spiller City,St,Zip: SYRACUSE, NEW YORK
Spiller Cleanup Date: / /
Facility Contact: Not reported
Facility Phone: (315) 428-3490
Facility Extention: Not reported
Spill Notifier: Responsible Party
PBS Number: Not reported
Last Inspection: / /
Recommended Penalty: Penalty Not Recommended
Enforcement Date: / /
Investigation Complete: / /
UST Involvement: True
Date Region Sent Summary to Central Office: / /
Corrective Action Plan Submitted: / /
Date Spill Entered In Computer Data File: 01/26/95
Time Spill Entered In Computer Data File: Not reported
Spill Record Last Update: / /
Is Updated: False

Tank:

PBS Number: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported

Material:

Material Class Type: Petroleum
Quantity Spilled: 0
Unkonwn Quantity Spilled: False
Units: Not reported
Quantity Recovered: 0
Unkonwn Quantity Recovered: False
Material: DIESEL
Class Type: DIESEL
Times Material Entry In File: 10625
CAS Number: Not reported
Last Date: 19940728
DEC Remarks: Not reported
Spill Cause: DISCOVERED CONTAMIANTED SOIL IN EXCAVATION NEAR OLD UNDERGROUND TANK.

MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

122 P&S / BOYD AVE. ENG CONTROLS S106906544
 ESE 50 BOYD AVENUE INST CONTROL N/A
 > 1 SOLVAY, NY 13209 BROWNFIELDS
 1.512 mi.
 7984 ft.

Relative:
 Higher

ENG CONTROLS:

Site Code: 332624
 HW Code: C734102
 Control Code: 15
 Control Type: ENG
 Date Record Added: 10/12/2010 4:20:51 PM
 Date Rec Updated: 11/4/2010 11:11:21 AM
 Updated By: GATOWNSE
 Site Description:

The Pass and Seymour Boyd Ave. site is located in an urban area of Solvay, NY, central Onondaga County, near the City of Syracuse. The site covers about 18 acres with a 45,000 square foot office building, a large former manufacturing facility that was demolished in 2005 (the concrete slab remains), parking areas and a wooded area that covers a former landfill. The site is bordered by a municipal solid waste landfill to the northwest, a furniture store and warehouse to the east, an iron foundry to the west, and a variety of commercial businesses and residences to the south that are separated from the site by railroad tracks and Milton Avenue. Historically, the site operated as a steel mill and was also used for the manufacture of porcelain insulators with clay and metal working areas. The Remedial Investigation field work was completed in stages; initial phases were conducted in 2005 and 2006 and supplemental activities were done in 2007 and 2008. Two interim remedial measures were implemented at the site in 2008, including the installation of a sub-slab depressurization system in the office building to mitigate potential soil vapor intrusion, and excavation and removal of contaminated soil adjacent to former monitoring well MW-5 in the southwestern portion of the site to address the presence of light non-aqueous phase liquid (LNAPL).

Actual:
 413 ft.

Env Problem:

The primary contaminants of concern at the site include chlorinated VOCs--mainly trichloroethene (TCE), tetrachloroethene (PCE), and cis-1,2-dichloroethene (DCE)--in groundwater. Two groundwater areas of concern (AOCs) have been identified at the site. AOC-1 contamination exists in both bedrock and overburden groundwater in the central portion of the site west of Boyd Ave, just west of the existing office building and encompassing the former manufacturing building. The levels significantly exceed the Class GA groundwater quality standard for TCE of 5 ppb. In AOC-1, TCE was detected as high as 150,000 ppb in bedrock groundwater and as high as 2,000 ppb in overburden groundwater. AOC-2 contamination, east of Boyd Ave, exists in the overburden/weathered bedrock zone only, with TCE detected as high as 6,000 ppb. TCE has been detected in soil vapor as high as 1,900 micrograms per cubic meter (mcg/m3) near the occupied office building and as high as 2,400 mcg/m3 under the remaining concrete slab of the demolished manufacturing building. In addition, SVOCs, metals and PCBs have been detected in shallow (0-12 inches) soil samples above the commercial use soil cleanup objectives (SCOs). SVOCs in the form of PAHs exceeded SCOs in 4 of 53 samples analyzed as part of the RI, metals exceeded SCOs in 11 of 53 samples and PCBs in only one of 53 samples. Contaminated bedrock groundwater appears to be migrating off-site to the north of the property boundary. It has been determined that the site presents a significant threat to the environment.

MAP FINDINGS

P&S / BOYD AVE. (Continued)

S106906544

Health Problem: People will not come into contact with contaminated soils at the site unless they trespass on the site, which is not secured to prevent access. Contaminated groundwater is not being used for drinking water, as the area is served by the public water supply. A ventilation system has been installed on the on-site building to prevent the indoor air quality from being affected by the contamination.

Site Code: 332624
HW Code: C734102
Control Code: 13
Control Type: ENG
Date Record Added: 10/12/2010 4:20:51 PM
Date Rec Updated: 11/4/2010 11:11:21 AM
Updated By: GATOWNSE
Site Description:

The Pass and Seymour Boyd Ave. site is located in an urban area of Solvay, NY, central Onondaga County, near the City of Syracuse. The site covers about 18 acres with a 45,000 square foot office building, a large former manufacturing facility that was demolished in 2005 (the concrete slab remains), parking areas and a wooded area that covers a former landfill. The site is bordered by a municipal solid waste landfill to the northwest, a furniture store and warehouse to the east, an iron foundry to the west, and a variety of commercial businesses and residences to the south that are separated from the site by railroad tracks and Milton Avenue. Historically, the site operated as a steel mill and was also used for the manufacture of porcelain insulators with clay and metal working areas. The Remedial Investigation field work was completed in stages; initial phases were conducted in 2005 and 2006 and supplemental activities were done in 2007 and 2008. Two interim remedial measures were implemented at the site in 2008, including the installation of a sub-slab depressurization system in the office building to mitigate potential soil vapor intrusion, and excavation and removal of contaminated soil adjacent to former monitoring well MW-5 in the southwestern portion of the site to address the presence of light non-aqueous phase liquid (LNAPL).

Env Problem: The primary contaminants of concern at the site include chlorinated VOCs--mainly trichloroethene (TCE), tetrachloroethene (PCE), and cis-1,2-dichloroethene (DCE)--in groundwater. Two groundwater areas of concern (AOCs) have been identified at the site. AOC-1 contamination exists in both bedrock and overburden groundwater in the central portion of the site west of Boyd Ave, just west of the existing office building and encompassing the former manufacturing building. The levels significantly exceed the Class GA groundwater quality standard for TCE of 5 ppb. In AOC-1, TCE was detected as high as 150,000 ppb in bedrock groundwater and as high as 2,000 ppb in overburden groundwater. AOC-2 contamination, east of Boyd Ave, exists in the overburden/weathered bedrock zone only, with TCE detected as high as 6,000 ppb. TCE has been detected in soil vapor as high as 1,900 micrograms per cubic meter (mcg/m³) near the occupied office building and as high as 2,400 mcg/m³ under the remaining concrete slab of the demolished manufacturing building. In addition, SVOCs, metals and PCBs have been detected in shallow (0-12 inches) soil samples above the commercial use soil cleanup objectives (SCOs). SVOCs in the form of PAHs exceeded SCOs in 4 of 53 samples analyzed as part of the RI, metals exceeded SCOs in 11 of 53 samples and PCBs in only one of 53 samples. Contaminated bedrock groundwater appears

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Health Problem: to be migrating off-site to the north of the property boundary. It has been determined that the site presents a significant threat to the environment.
People will not come into contact with contaminated soils at the site unless they trespass on the site, which is not secured to prevent access. Contaminated groundwater is not being used for drinking water, as the area is served by the public water supply. A ventilation system has been installed on the on-site building to prevent the indoor air quality from being affected by the contamination.

INST CONTROL:

Site Code: 332624
Control Name: Environmental Easement
HW Code: C734102
Control Code: J
Control Type: INST
Dt record added: 10/12/2010 4:20:51 PM
Dt rec updated: 11/4/2010 11:11:21 AM
Updated By: GATOWNSE
Site Code: 332624

Site Description: The Pass and Seymour Boyd Ave. site is located in an urban area of Solvay, NY, central Onondaga County, near the City of Syracuse. The site covers about 18 acres with a 45,000 square foot office building, a large former manufacturing facility that was demolished in 2005 (the concrete slab remains), parking areas and a wooded area that covers a former landfill. The site is bordered by a municipal solid waste landfill to the northwest, a furniture store and warehouse to the east, an iron foundry to the west, and a variety of commercial businesses and residences to the south that are separated from the site by railroad tracks and Milton Avenue. Historically, the site operated as a steel mill and was also used for the manufacture of porcelain insulators with clay and metal working areas. The Remedial Investigation field work was completed in stages; initial phases were conducted in 2005 and 2006 and supplemental activities were done in 2007 and 2008. Two interim remedial measures were implemented at the site in 2008, including the installation of a sub-slab depressurization system in the office building to mitigate potential soil vapor intrusion, and excavation and removal of contaminated soil adjacent to former monitoring well MW-5 in the southwestern portion of the site to address the presence of light non-aqueous phase liquid (LNAPL).

Env Problem: The primary contaminants of concern at the site include chlorinated VOCs--mainly trichloroethene (TCE), tetrachloroethene (PCE), and cis-1,2-dichloroethene (DCE)--in groundwater. Two groundwater areas of concern (AOCs) have been identified at the site. AOC-1 contamination exists in both bedrock and overburden groundwater in the central portion of the site west of Boyd Ave, just west of the existing office building and encompassing the former manufacturing building. The levels significantly exceed the Class GA groundwater quality standard for TCE of 5 ppb. In AOC-1, TCE was detected as high as 150,000 ppb in bedrock groundwater and as high as 2,000 ppb in overburden groundwater. AOC-2 contamination, east of Boyd Ave, exists in the overburden/weathered bedrock zone only, with TCE detected as high as 6,000 ppb. TCE has been detected in soil vapor as high as 1,900 micrograms per cubic meter (mcg/m3) near the occupied office building and as high as 2,400 mcg/m3 under the remaining concrete

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

P&S / BOYD AVE. (Continued)

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slab of the demolished manufacturing building. In addition, SVOCs, metals and PCBs have been detected in shallow (0-12 inches) soil samples above the commercial use soil cleanup objectives (SCOs). SVOCs in the form of PAHs exceeded SCOs in 4 of 53 samples analyzed as part of the RI, metals exceeded SCOs in 11 of 53 samples and PCBs in only one of 53 samples. Contaminated bedrock groundwater appears to be migrating off-site to the north of the property boundary. It has been determined that the site presents a significant threat to the environment.

Health Problem: People will not come into contact with contaminated soils at the site unless they trespass on the site, which is not secured to prevent access. Contaminated groundwater is not being used for drinking water, as the area is served by the public water supply. A ventilation system has been installed on the on-site building to prevent the indoor air quality from being affected by the contamination.

Site Code: 332624
Control Name: Site Management Plan
HW Code: C734102
Control Code: 32
Control Type: INST
Dt record added: 10/12/2010 4:20:51 PM
Dt rec updated: 11/4/2010 11:11:21 AM
Updated By: GATOWNSE
Site Code: 332624

Site Description: The Pass and Seymour Boyd Ave. site is located in an urban area of Solvay, NY, central Onondaga County, near the City of Syracuse. The site covers about 18 acres with a 45,000 square foot office building, a large former manufacturing facility that was demolished in 2005 (the concrete slab remains), parking areas and a wooded area that covers a former landfill. The site is bordered by a municipal solid waste landfill to the northwest, a furniture store and warehouse to the east, an iron foundry to the west, and a variety of commercial businesses and residences to the south that are separated from the site by railroad tracks and Milton Avenue. Historically, the site operated as a steel mill and was also used for the manufacture of porcelain insulators with clay and metal working areas. The Remedial Investigation field work was completed in stages; initial phases were conducted in 2005 and 2006 and supplemental activities were done in 2007 and 2008. Two interim remedial measures were implemented at the site in 2008, including the installation of a sub-slab depressurization system in the office building to mitigate potential soil vapor intrusion, and excavation and removal of contaminated soil adjacent to former monitoring well MW-5 in the southwestern portion of the site to address the presence of light non-aqueous phase liquid (LNAPL).

Env Problem: The primary contaminants of concern at the site include chlorinated VOCs--mainly trichloroethene (TCE), tetrachloroethene (PCE), and cis-1,2-dichloroethene (DCE)--in groundwater. Two groundwater areas of concern (AOCs) have been identified at the site. AOC-1 contamination exists in both bedrock and overburden groundwater in the central portion of the site west of Boyd Ave, just west of the existing office building and encompassing the former manufacturing building. The levels significantly exceed the Class GA groundwater quality standard for TCE of 5 ppb. In AOC-1, TCE was detected as high as 150,000 ppb in bedrock groundwater and as high as 2,000 ppb in

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

P&S / BOYD AVE. (Continued)

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overburden groundwater. AOC-2 contamination, east of Boyd Ave, exists in the overburden/weathered bedrock zone only, with TCE detected as high as 6,000 ppb. TCE has been detected in soil vapor as high as 1,900 micrograms per cubic meter (mcg/m³) near the occupied office building and as high as 2,400 mcg/m³ under the remaining concrete slab of the demolished manufacturing building. In addition, SVOCs, metals and PCBs have been detected in shallow (0-12 inches) soil samples above the commercial use soil cleanup objectives (SCOs). SVOCs in the form of PAHs exceeded SCOs in 4 of 53 samples analyzed as part of the RI, metals exceeded SCOs in 11 of 53 samples and PCBs in only one of 53 samples. Contaminated bedrock groundwater appears to be migrating off-site to the north of the property boundary. It has been determined that the site presents a significant threat to the environment.

Health Problem: People will not come into contact with contaminated soils at the site unless they trespass on the site, which is not secured to prevent access. Contaminated groundwater is not being used for drinking water, as the area is served by the public water supply. A ventilation system has been installed on the on-site building to prevent the indoor air quality from being affected by the contamination.

Site Code: 332624
Control Name: Ground Water Use Restriction
HW Code: C734102
Control Code: 08
Control Type: INST
Dt record added: 10/12/2010 4:20:51 PM
Dt rec updated: 11/4/2010 11:11:21 AM
Updated By: GATOWNSE
Site Code: 332624

Site Description: The Pass and Seymour Boyd Ave. site is located in an urban area of Solvay, NY, central Onondaga County, near the City of Syracuse. The site covers about 18 acres with a 45,000 square foot office building, a large former manufacturing facility that was demolished in 2005 (the concrete slab remains), parking areas and a wooded area that covers a former landfill. The site is bordered by a municipal solid waste landfill to the northwest, a furniture store and warehouse to the east, an iron foundry to the west, and a variety of commercial businesses and residences to the south that are separated from the site by railroad tracks and Milton Avenue. Historically, the site operated as a steel mill and was also used for the manufacture of porcelain insulators with clay and metal working areas. The Remedial Investigation field work was completed in stages; initial phases were conducted in 2005 and 2006 and supplemental activities were done in 2007 and 2008. Two interim remedial measures were implemented at the site in 2008, including the installation of a sub-slab depressurization system in the office building to mitigate potential soil vapor intrusion, and excavation and removal of contaminated soil adjacent to former monitoring well MW-5 in the southwestern portion of the site to address the presence of light non-aqueous phase liquid (LNAPL).

Env Problem: The primary contaminants of concern at the site include chlorinated VOCs--mainly trichloroethene (TCE), tetrachloroethene (PCE), and cis-1,2-dichloroethene (DCE)--in groundwater. Two groundwater areas of concern (AOCs) have been identified at the site. AOC-1 contamination exists in both bedrock and overburden groundwater in

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

P&S / BOYD AVE. (Continued)

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the central portion of the site west of Boyd Ave, just west of the existing office building and encompassing the former manufacturing building. The levels significantly exceed the Class GA groundwater quality standard for TCE of 5 ppb. In AOC-1, TCE was detected as high as 150,000 ppb in bedrock groundwater and as high as 2,000 ppb in overburden groundwater. AOC-2 contamination, east of Boyd Ave, exists in the overburden/weathered bedrock zone only, with TCE detected as high as 6,000 ppb. TCE has been detected in soil vapor as high as 1,900 micrograms per cubic meter (mcg/m³) near the occupied office building and as high as 2,400 mcg/m³ under the remaining concrete slab of the demolished manufacturing building. In addition, SVOCs, metals and PCBs have been detected in shallow (0-12 inches) soil samples above the commercial use soil cleanup objectives (SCOs). SVOCs in the form of PAHs exceeded SCOs in 4 of 53 samples analyzed as part of the RI, metals exceeded SCOs in 11 of 53 samples and PCBs in only one of 53 samples. Contaminated bedrock groundwater appears to be migrating off-site to the north of the property boundary. It has been determined that the site presents a significant threat to the environment.

Health Problem: People will not come into contact with contaminated soils at the site unless they trespass on the site, which is not secured to prevent access. Contaminated groundwater is not being used for drinking water, as the area is served by the public water supply. A ventilation system has been installed on the on-site building to prevent the indoor air quality from being affected by the contamination.

Site Code: 332624

Control Name: Monitoring Plan

HW Code: C734102

Control Code: 31

Control Type: INST

Dt record added: 10/12/2010 4:20:51 PM

Dt rec updated: 11/4/2010 11:11:21 AM

Updated By: GATOWNSE

Site Code: 332624

Site Description: The Pass and Seymour Boyd Ave. site is located in an urban area of Solvay, NY, central Onondaga County, near the City of Syracuse. The site covers about 18 acres with a 45,000 square foot office building, a large former manufacturing facility that was demolished in 2005 (the concrete slab remains), parking areas and a wooded area that covers a former landfill. The site is bordered by a municipal solid waste landfill to the northwest, a furniture store and warehouse to the east, an iron foundry to the west, and a variety of commercial businesses and residences to the south that are separated from the site by railroad tracks and Milton Avenue. Historically, the site operated as a steel mill and was also used for the manufacture of porcelain insulators with clay and metal working areas. The Remedial Investigation field work was completed in stages; initial phases were conducted in 2005 and 2006 and supplemental activities were done in 2007 and 2008. Two interim remedial measures were implemented at the site in 2008, including the installation of a sub-slab depressurization system in the office building to mitigate potential soil vapor intrusion, and excavation and removal of contaminated soil adjacent to former monitoring well MW-5 in the southwestern portion of the site to address the presence of light non-aqueous phase liquid (LNAPL).

MAP FINDINGS

P&S / BOYD AVE. (Continued)

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Env Problem: The primary contaminants of concern at the site include chlorinated VOCs--mainly trichloroethene (TCE), tetrachloroethene (PCE), and cis-1,2-dichloroethene (DCE)--in groundwater. Two groundwater areas of concern (AOCs) have been identified at the site. AOC-1 contamination exists in both bedrock and overburden groundwater in the central portion of the site west of Boyd Ave, just west of the existing office building and encompassing the former manufacturing building. The levels significantly exceed the Class GA groundwater quality standard for TCE of 5 ppb. In AOC-1, TCE was detected as high as 150,000 ppb in bedrock groundwater and as high as 2,000 ppb in overburden groundwater. AOC-2 contamination, east of Boyd Ave, exists in the overburden/weathered bedrock zone only, with TCE detected as high as 6,000 ppb. TCE has been detected in soil vapor as high as 1,900 micrograms per cubic meter (mcg/m³) near the occupied office building and as high as 2,400 mcg/m³ under the remaining concrete slab of the demolished manufacturing building. In addition, SVOCs, metals and PCBs have been detected in shallow (0-12 inches) soil samples above the commercial use soil cleanup objectives (SCOs). SVOCs in the form of PAHs exceeded SCOs in 4 of 53 samples analyzed as part of the RI, metals exceeded SCOs in 11 of 53 samples and PCBs in only one of 53 samples. Contaminated bedrock groundwater appears to be migrating off-site to the north of the property boundary. It has been determined that the site presents a significant threat to the environment.

Health Problem: People will not come into contact with contaminated soils at the site unless they trespass on the site, which is not secured to prevent access. Contaminated groundwater is not being used for drinking water, as the area is served by the public water supply. A ventilation system has been installed on the on-site building to prevent the indoor air quality from being affected by the contamination.

Site Code: 332624
Control Name: IC/EC Plan
HW Code: C734102
Control Code: 34
Control Type: INST
Dt record added: 10/12/2010 4:20:51 PM
Dt rec updated: 11/4/2010 11:11:21 AM
Updated By: GATOWNSE
Site Code: 332624

Site Description: The Pass and Seymour Boyd Ave. site is located in an urban area of Solvay, NY, central Onondaga County, near the City of Syracuse. The site covers about 18 acres with a 45,000 square foot office building, a large former manufacturing facility that was demolished in 2005 (the concrete slab remains), parking areas and a wooded area that covers a former landfill. The site is bordered by a municipal solid waste landfill to the northwest, a furniture store and warehouse to the east, an iron foundry to the west, and a variety of commercial businesses and residences to the south that are separated from the site by railroad tracks and Milton Avenue. Historically, the site operated as a steel mill and was also used for the manufacture of porcelain insulators with clay and metal working areas. The Remedial Investigation field work was completed in stages; initial phases were conducted in 2005 and 2006 and supplemental activities were done in 2007 and 2008. Two interim remedial measures were implemented at the site in 2008, including the installation of a sub-slab

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

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depressurization system in the office building to mitigate potential soil vapor intrusion, and excavation and removal of contaminated soil adjacent to former monitoring well MW-5 in the southwestern portion of the site to address the presence of light non-aqueous phase liquid (LNAPL).

Env Problem: The primary contaminants of concern at the site include chlorinated VOCs--mainly trichloroethene (TCE), tetrachloroethene (PCE), and cis-1,2-dichloroethene (DCE)--in groundwater. Two groundwater areas of concern (AOCs) have been identified at the site. AOC-1 contamination exists in both bedrock and overburden groundwater in the central portion of the site west of Boyd Ave, just west of the existing office building and encompassing the former manufacturing building. The levels significantly exceed the Class GA groundwater quality standard for TCE of 5 ppb. In AOC-1, TCE was detected as high as 150,000 ppb in bedrock groundwater and as high as 2,000 ppb in overburden groundwater. AOC-2 contamination, east of Boyd Ave, exists in the overburden/weathered bedrock zone only, with TCE detected as high as 6,000 ppb. TCE has been detected in soil vapor as high as 1,900 micrograms per cubic meter (mcg/m³) near the occupied office building and as high as 2,400 mcg/m³ under the remaining concrete slab of the demolished manufacturing building. In addition, SVOCs, metals and PCBs have been detected in shallow (0-12 inches) soil samples above the commercial use soil cleanup objectives (SCOs). SVOCs in the form of PAHs exceeded SCOs in 4 of 53 samples analyzed as part of the RI, metals exceeded SCOs in 11 of 53 samples and PCBs in only one of 53 samples. Contaminated bedrock groundwater appears to be migrating off-site to the north of the property boundary. It has been determined that the site presents a significant threat to the environment.

Health Problem: People will not come into contact with contaminated soils at the site unless they trespass on the site, which is not secured to prevent access. Contaminated groundwater is not being used for drinking water, as the area is served by the public water supply. A ventilation system has been installed on the on-site building to prevent the indoor air quality from being affected by the contamination.

Site Code: 332624
Control Name: O&M Plan
HW Code: C734102
Control Code: 33
Control Type: INST
Dt record added: 10/12/2010 4:20:51 PM
Dt rec updated: 11/4/2010 11:11:21 AM
Updated By: GATOWNSE
Site Code: 332624
Site Description: The Pass and Seymour Boyd Ave. site is located in an urban area of Solvay, NY, central Onondaga County, near the City of Syracuse. The site covers about 18 acres with a 45,000 square foot office building, a large former manufacturing facility that was demolished in 2005 (the concrete slab remains), parking areas and a wooded area that covers a former landfill. The site is bordered by a municipal solid waste landfill to the northwest, a furniture store and warehouse to the east, an iron foundry to the west, and a variety of commercial businesses and residences to the south that are separated from the site by railroad tracks and Milton Avenue. Historically, the site operated as a steel mill and was also used for the manufacture of

MAP FINDINGS

P&S / BOYD AVE. (Continued)

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porcelain insulators with clay and metal working areas. The Remedial Investigation field work was completed in stages; initial phases were conducted in 2005 and 2006 and supplemental activities were done in 2007 and 2008. Two interim remedial measures were implemented at the site in 2008, including the installation of a sub-slab depressurization system in the office building to mitigate potential soil vapor intrusion, and excavation and removal of contaminated soil adjacent to former monitoring well MW-5 in the southwestern portion of the site to address the presence of light non-aqueous phase liquid (LNAPL).

Env Problem: The primary contaminants of concern at the site include chlorinated VOCs--mainly trichloroethene (TCE), tetrachloroethene (PCE), and cis-1,2-dichloroethene (DCE)--in groundwater. Two groundwater areas of concern (AOCs) have been identified at the site. AOC-1 contamination exists in both bedrock and overburden groundwater in the central portion of the site west of Boyd Ave, just west of the existing office building and encompassing the former manufacturing building. The levels significantly exceed the Class GA groundwater quality standard for TCE of 5 ppb. In AOC-1, TCE was detected as high as 150,000 ppb in bedrock groundwater and as high as 2,000 ppb in overburden groundwater. AOC-2 contamination, east of Boyd Ave, exists in the overburden/weathered bedrock zone only, with TCE detected as high as 6,000 ppb. TCE has been detected in soil vapor as high as 1,900 micrograms per cubic meter (mcg/m³) near the occupied office building and as high as 2,400 mcg/m³ under the remaining concrete slab of the demolished manufacturing building. In addition, SVOCs, metals and PCBs have been detected in shallow (0-12 inches) soil samples above the commercial use soil cleanup objectives (SCOs). SVOCs in the form of PAHs exceeded SCOs in 4 of 53 samples analyzed as part of the RI, metals exceeded SCOs in 11 of 53 samples and PCBs in only one of 53 samples. Contaminated bedrock groundwater appears to be migrating off-site to the north of the property boundary. It has been determined that the site presents a significant threat to the environment.

Health Problem: People will not come into contact with contaminated soils at the site unless they trespass on the site, which is not secured to prevent access. Contaminated groundwater is not being used for drinking water, as the area is served by the public water supply. A ventilation system has been installed on the on-site building to prevent the indoor air quality from being affected by the contamination.

Site Code: 332624
Control Name: Landuse Restriction
HW Code: C734102
Control Code: 25
Control Type: INST
Dt record added: 10/12/2010 4:20:51 PM
Dt rec updated: 11/4/2010 11:11:21 AM
Updated By: GATOWNSE
Site Code: 332624

Site Description: The Pass and Seymour Boyd Ave. site is located in an urban area of Solvay, NY, central Onondaga County, near the City of Syracuse. The site covers about 18 acres with a 45,000 square foot office building, a large former manufacturing facility that was demolished in 2005 (the concrete slab remains), parking areas and a wooded area that covers a former landfill. The site is bordered by a municipal solid

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

P&S / BOYD AVE. (Continued)

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waste landfill to the northwest, a furniture store and warehouse to the east, an iron foundry to the west, and a variety of commercial businesses and residences to the south that are separated from the site by railroad tracks and Milton Avenue. Historically, the site operated as a steel mill and was also used for the manufacture of porcelain insulators with clay and metal working areas. The Remedial Investigation field work was completed in stages; initial phases were conducted in 2005 and 2006 and supplemental activities were done in 2007 and 2008. Two interim remedial measures were implemented at the site in 2008, including the installation of a sub-slab depressurization system in the office building to mitigate potential soil vapor intrusion, and excavation and removal of contaminated soil adjacent to former monitoring well MW-5 in the southwestern portion of the site to address the presence of light non-aqueous phase liquid (LNAPL).

Env Problem: The primary contaminants of concern at the site include chlorinated VOCs--mainly trichloroethene (TCE), tetrachloroethene (PCE), and cis-1,2-dichloroethene (DCE)--in groundwater. Two groundwater areas of concern (AOCs) have been identified at the site. AOC-1 contamination exists in both bedrock and overburden groundwater in the central portion of the site west of Boyd Ave, just west of the existing office building and encompassing the former manufacturing building. The levels significantly exceed the Class GA groundwater quality standard for TCE of 5 ppb. In AOC-1, TCE was detected as high as 150,000 ppb in bedrock groundwater and as high as 2,000 ppb in overburden groundwater. AOC-2 contamination, east of Boyd Ave, exists in the overburden/weathered bedrock zone only, with TCE detected as high as 6,000 ppb. TCE has been detected in soil vapor as high as 1,900 micrograms per cubic meter (mcg/m³) near the occupied office building and as high as 2,400 mcg/m³ under the remaining concrete slab of the demolished manufacturing building. In addition, SVOCs, metals and PCBs have been detected in shallow (0-12 inches) soil samples above the commercial use soil cleanup objectives (SCOs). SVOCs in the form of PAHs exceeded SCOs in 4 of 53 samples analyzed as part of the RI, metals exceeded SCOs in 11 of 53 samples and PCBs in only one of 53 samples. Contaminated bedrock groundwater appears to be migrating off-site to the north of the property boundary. It has been determined that the site presents a significant threat to the environment.

Health Problem: People will not come into contact with contaminated soils at the site unless they trespass on the site, which is not secured to prevent access. Contaminated groundwater is not being used for drinking water, as the area is served by the public water supply. A ventilation system has been installed on the on-site building to prevent the indoor air quality from being affected by the contamination.

Site Code: 332624
Control Name: Soil Management Plan
HW Code: C734102
Control Code: 14
Control Type: INST
Dt record added: 10/12/2010 4:20:51 PM
Dt rec updated: 11/4/2010 11:11:21 AM
Updated By: GATOWNSE
Site Code: 332624
Site Description: The Pass and Seymour Boyd Ave. site is located in an urban area of

MAP FINDINGS

P&S / BOYD AVE. (Continued)

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Solvay, NY, central Onondaga County, near the City of Syracuse. The site covers about 18 acres with a 45,000 square foot office building, a large former manufacturing facility that was demolished in 2005 (the concrete slab remains), parking areas and a wooded area that covers a former landfill. The site is bordered by a municipal solid waste landfill to the northwest, a furniture store and warehouse to the east, an iron foundry to the west, and a variety of commercial businesses and residences to the south that are separated from the site by railroad tracks and Milton Avenue. Historically, the site operated as a steel mill and was also used for the manufacture of porcelain insulators with clay and metal working areas. The Remedial Investigation field work was completed in stages; initial phases were conducted in 2005 and 2006 and supplemental activities were done in 2007 and 2008. Two interim remedial measures were implemented at the site in 2008, including the installation of a sub-slab depressurization system in the office building to mitigate potential soil vapor intrusion, and excavation and removal of contaminated soil adjacent to former monitoring well MW-5 in the southwestern portion of the site to address the presence of light non-aqueous phase liquid (LNAPL).

Env Problem: The primary contaminants of concern at the site include chlorinated VOCs--mainly trichloroethene (TCE), tetrachloroethene (PCE), and cis-1,2-dichloroethene (DCE)--in groundwater. Two groundwater areas of concern (AOCs) have been identified at the site. AOC-1 contamination exists in both bedrock and overburden groundwater in the central portion of the site west of Boyd Ave, just west of the existing office building and encompassing the former manufacturing building. The levels significantly exceed the Class GA groundwater quality standard for TCE of 5 ppb. In AOC-1, TCE was detected as high as 150,000 ppb in bedrock groundwater and as high as 2,000 ppb in overburden groundwater. AOC-2 contamination, east of Boyd Ave, exists in the overburden/weathered bedrock zone only, with TCE detected as high as 6,000 ppb. TCE has been detected in soil vapor as high as 1,900 micrograms per cubic meter (mcg/m3) near the occupied office building and as high as 2,400 mcg/m3 under the remaining concrete slab of the demolished manufacturing building. In addition, SVOCs, metals and PCBs have been detected in shallow (0-12 inches) soil samples above the commercial use soil cleanup objectives (SCOs). SVOCs in the form of PAHs exceeded SCOs in 4 of 53 samples analyzed as part of the RI, metals exceeded SCOs in 11 of 53 samples and PCBs in only one of 53 samples. Contaminated bedrock groundwater appears to be migrating off-site to the north of the property boundary. It has been determined that the site presents a significant threat to the environment.

Health Problem: People will not come into contact with contaminated soils at the site unless they trespass on the site, which is not secured to prevent access. Contaminated groundwater is not being used for drinking water, as the area is served by the public water supply. A ventilation system has been installed on the on-site building to prevent the indoor air quality from being affected by the contamination.

BROWNFIELDS:

Program: BCP
Site Code: 332624
Site Description: The Pass and Seymour Boyd Ave. site is located in an urban area of Solvay, NY, central Onondaga County, near the City of Syracuse. The

MAP FINDINGS

P&S / BOYD AVE. (Continued)

S106906544

site covers about 18 acres with a 45,000 square foot office building, a large former manufacturing facility that was demolished in 2005 (the concrete slab remains), parking areas and a wooded area that covers a former landfill. The site is bordered by a municipal solid waste landfill to the northwest, a furniture store and warehouse to the east, an iron foundry to the west, and a variety of commercial businesses and residences to the south that are separated from the site by railroad tracks and Milton Avenue. Historically, the site operated as a steel mill and was also used for the manufacture of porcelain insulators with clay and metal working areas. The Remedial Investigation field work was completed in stages; initial phases were conducted in 2005 and 2006 and supplemental activities were done in 2007 and 2008. Two interim remedial measures were implemented at the site in 2008, including the installation of a sub-slab depressurization system in the office building to mitigate potential soil vapor intrusion, and excavation and removal of contaminated soil adjacent to former monitoring well MW-5 in the southwestern portion of the site to address the presence of light non-aqueous phase liquid (LNAPL).

Env Problem:

The primary contaminants of concern at the site include chlorinated VOCs--mainly trichloroethene (TCE), tetrachloroethene (PCE), and cis-1,2-dichloroethene (DCE)--in groundwater. Two groundwater areas of concern (AOCs) have been identified at the site. AOC-1 contamination exists in both bedrock and overburden groundwater in the central portion of the site west of Boyd Ave, just west of the existing office building and encompassing the former manufacturing building. The levels significantly exceed the Class GA groundwater quality standard for TCE of 5 ppb. In AOC-1, TCE was detected as high as 150,000 ppb in bedrock groundwater and as high as 2,000 ppb in overburden groundwater. AOC-2 contamination, east of Boyd Ave, exists in the overburden/weathered bedrock zone only, with TCE detected as high as 6,000 ppb. TCE has been detected in soil vapor as high as 1,900 micrograms per cubic meter (mcg/m³) near the occupied office building and as high as 2,400 mcg/m³ under the remaining concrete slab of the demolished manufacturing building. In addition, SVOCs, metals and PCBs have been detected in shallow (0-12 inches) soil samples above the commercial use soil cleanup objectives (SCOs). SVOCs in the form of PAHs exceeded SCOs in 4 of 53 samples analyzed as part of the RI, metals exceeded SCOs in 11 of 53 samples and PCBs in only one of 53 samples. Contaminated bedrock groundwater appears to be migrating off-site to the north of the property boundary. It has been determined that the site presents a significant threat to the environment.

Health Problem:

People will not come into contact with contaminated soils at the site unless they trespass on the site, which is not secured to prevent access. Contaminated groundwater is not being used for drinking water, as the area is served by the public water supply. A ventilation system has been installed on the on-site building to prevent the indoor air quality from being affected by the contamination.

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Site

Database(s)

EDR ID Number
EPA ID Number

Y123
SSW
> 1
1.515 mi.
7998 ft.

LARRY MCGRAW
MILTON & HINSDALE
CAMILLUS, NY

Site 3 of 3 in cluster Y

LTANKS **S105230318**
HIST LTANKS **N/A**

Relative:
Higher

LTANKS:

Actual:
474 ft.

Site ID: 145494
 Spill No: 0107733
 Spill Date: 10/29/2001
 Spill Cause: Tank Failure
 Spill Source: Gasoline Station
 Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
 Spill Closed Dt: 10/31/2003
 Facility Addr2: Not reported
 Cleanup Ceased: Not reported
 Cleanup Meets Standard: False
 SWIS: 3420
 Investigator: CFMANNES
 Referred To: Not reported
 Reported to Dept: 10/29/2001
 CID: 322
 Water Affected: Not reported
 Spill Notifier: Other
 Last Inspection: Not reported
 Recommended Penalty: Penalty Not Recommended
 UST Involvement: False
 Remediation Phase: 0
 Date Entered In Computer: 10/29/2001
 Spill Record Last Update: 10/31/2003
 Spiller Name: LARRY MCGRAW
 Spiller Company: LARRY MCGRAW
 Spiller Address: MILTON & HINSDALE
 Spiller City,St,Zip: CAMILLUS, NY
 Spiller County: 001
 Spiller Contact: LARRY MCGRAW
 Spiller Phone: Not reported
 Spiller Extention: Not reported
 DEC Region: 7
 DER Facility ID: 123977
 DEC Memo: Prior to Sept, 2004 data translation this spill Lead_DEC Field was "CM" remediation conducted, soil disposed, receipts not submitted.
 Remarks: during a heating tank pull at closed gas station contaminated soil was found

Material:

Site ID: 145494
 Operable Unit ID: 844973
 Operable Unit: 01
 Material ID: 528995
 Material Code: 0001
 Material Name: #2 Fuel Oil
 Case No.: Not reported
 Material FA: Petroleum
 Quantity: 0
 Units: Gallons
 Recovered: No
 Resource Affected: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LARRY MCGRAW (Continued)

S105230318

Oxygenate: False

Tank Test:

Site ID: Not reported
Spill Tank Test: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate: Not reported
Gross Fail: Not reported
Modified By: Not reported
Last Modified: Not reported
Test Method: Not reported

HIST LTANKS:

Region of Spill: 7
Spill Number: 0107733
Spill Date: 10/29/2001
Spill Time: 15:00
Spill Cause: Tank Failure
Resource Affectd: On Land
Water Affected: Not reported
Spill Source: Gas Station
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.
Willing Responsible Party. Corrective action taken.

Spill Closed Dt: / /
Cleanup Ceased: / /
Cleanup Meets Standard: False
Investigator: CM
Caller Name: Not reported
Caller Agency: Not reported
Caller Phone: Not reported
Caller Extension: Not reported
Notifier Name: Not reported
Notifier Agency: Not reported
Notifier Phone: Not reported
Notifier Extension: Not reported
Reported to Department Date: 10/29/01
Reported to Department Time: 15:30
SWIS: 31
Spiller Contact: LARRY MCGRAW
Spiller Phone: () -
Spiller Extention: Not reported
Spiller Name: LARRY MCGRAW
Spiller Address: MILTON & HINSDALE
Spiller City,St,Zip: CAMILLUS, NY
Spiller Cleanup Date: / /
Facility Contact: LARRY MCGRAW
Facility Phone: () -
Facility Extention: Not reported
Spill Notifier: Other
PBS Number: Not reported
Last Inspection: / /
Recommended Penalty: Penalty Not Recommended
Enforcement Date: / /

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LARRY MCGRAW (Continued)

S105230318

Investigation Complete: / /
UST Involvement: False
Date Region Sent Summary to Central Office: / /
Corrective Action Plan Submitted: / /
Date Spill Entered In Computer Data File: 10/29/01
Time Spill Entered In Computer Data File: Not reported
Spill Record Last Update: 12/19/01
Is Updated: True

Tank:

PBS Number: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported

Material:

Material Class Type: Petroleum
Quantity Spilled: 0
Unkonwn Quantity Spilled: True
Units: Gallons
Quantity Recovered: 0
Unkonwn Quantity Recovered: False
Material: #2 FUEL OIL
Class Type: #2 FUEL OIL
Times Material Entry In File: 24464
CAS Number: Not reported
Last Date: 19941207
DEC Remarks: Not reported
Spill Cause: during a heating tank pull at closed gas station contaminated soil was found

Z124
ESE
> 1
1.570 mi.
8287 ft.

FEMANO'S AUTOMOTIVE
2459 MILTON AVENUE
SOLVAY, NY
Site 1 of 2 in cluster Z

LTANKS **S100781657**
HIST LTANKS **N/A**

Relative:
Higher

LTANKS:
Site ID: 197353
Spill No: 9304351
Spill Date: 3/8/1993
Spill Cause: Tank Failure
Spill Source: Non Major Facility > 1,100 gal
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.
Willing Responsible Party. Corrective action taken.
Spill Closed Dt: 1/30/2004
Facility Addr2: Not reported
Cleanup Ceased: Not reported
Cleanup Meets Standard: False
SWIS: 3400
Investigator: CFMANNES
Referred To: Not reported
Reported to Dept: 3/8/1993
CID: Not reported
Water Affected: Not reported
Spill Notifier: DEC
Last Inspection: Not reported

Actual:
433 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FEMANO'S AUTOMOTIVE (Continued)

S100781657

Recommended Penalty: Penalty Not Recommended
UST Involvement: True
Remediation Phase: 0
Date Entered In Computer: 10/18/1993
Spill Record Last Update: 5/3/2004
Spiller Name: Not reported
Spiller Company: FRANK JEROME
Spiller Address: 2409 MILTON AVE
Spiller City,St,Zip: SYRACUSE, NY
Spiller County: 001
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extension: Not reported
DEC Region: 7
DER Facility ID: 164252
DEC Memo: Prior to Sept, 2004 data translation this spill Lead_DEC Field was "CM" // : STIP SENT. 09/28/95: This is additional information about material spilled from the translation of the old spill file: TANK(S) PULL.
Remarks: TANK PULL A REPORT HAS BEEN SUBMITTED.

Material:

Site ID: 197353
Operable Unit ID: 985962
Operable Unit: 01
Material ID: 397865
Material Code: 0009
Material Name: Gasoline
Case No.: Not reported
Material FA: Petroleum
Quantity: 0
Units: Gallons
Recovered: No
Resource Affected: Not reported
Oxygenate: True
Site ID: 197353
Operable Unit ID: 985962
Operable Unit: 01
Material ID: 573007
Material Code: 1213A
Material Name: MTBE (METHYL-TERT-BUTYL ETHER)
Case No.: 01634044
Material FA: Hazardous Material
Quantity: Not reported
Units: Not reported
Recovered: Not reported
Resource Affected: Not reported
Oxygenate: True

Tank Test:

Site ID: 197353
Spill Tank Test: 1541743
Tank Number: Not reported
Tank Size: 0
Test Method: 00
Leak Rate: 0

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FEMANO'S AUTOMOTIVE (Continued)

S100781657

Gross Fail: Not reported
Modified By: Spills
Last Modified: 10/1/2004
Test Method: Unknown

HIST LTANKS:

Region of Spill: 7
Spill Number: 9304351
Spill Date: 03/08/1993
Spill Time: 11:00
Spill Cause: Tank Failure
Resource Affectd: On Land
Water Affected: Not reported
Spill Source: Non Major Facility > 1,100 gallons
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.
Willing Responsible Party. Corrective action taken.
Spill Closed Dt: / /
Cleanup Ceased: / /
Cleanup Meets Standard: False
Investigator: CM
Caller Name: Not reported
Caller Agency: Not reported
Caller Phone: Not reported
Caller Extension: Not reported
Notifier Name: Not reported
Notifier Agency: Not reported
Notifier Phone: Not reported
Notifier Extension: Not reported
Reported to Department Date: 03/08/93
Reported to Department Time: 11:00
SWIS: 31
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
Spiller Name: FRANK JEROME
Spiller Address: 2409 MILTON AVE
Spiller City,St,Zip: SYRACUSE, NY
Spiller Cleanup Date: 03/12/93
Facility Contact: Not reported
Facility Phone: Not reported
Facility Extention: Not reported
Spill Notifier: DEC
PBS Number: Not reported
Last Inspection: / /
Recommended Penalty: Penalty Not Recommended
Enforcement Date: / /
Investigation Complete: / /
UST Involvement: True
Date Region Sent Summary to Central Office: / /
Corrective Action Plan Submitted: / /
Date Spill Entered In Computer Data File: 10/18/93
Time Spill Entered In Computer Data File: Not reported
Spill Record Last Update: 07/11/94
Is Updated: False

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FEMANO'S AUTOMOTIVE (Continued)

S100781657

Tank:

PBS Number: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported

Material:

Material Class Type: Petroleum
Quantity Spilled: 0
Unkonwn Quantity Spilled: False
Units: Gallons
Quantity Recovered: 0
Unkonwn Quantity Recovered: False
Material: GASOLINE
Class Type: GASOLINE
Times Material Entry In File: 21329
CAS Number: Not reported
Last Date: 19940929
DEC Remarks: / / : STIP SENT. 09/28/95: This is additional information about material spilled from the translation of the old spill file: TANK S) PULL.
Spill Cause: TANK PULL A REPORT HAS BEEN SUBMITTED.

Z125
ESE
> 1
1.587 mi.
8380 ft.

JEROME PLMB., MILTON AVE.
CITGO STATION; MILTON AVE
SOLVAY, NY

LTANKS S100128572
HIST LTANKS N/A

Site 2 of 2 in cluster Z

Relative:
Higher

LTANKS:

Site ID: 162615
Spill No: 8604736
Spill Date: 10/22/1986
Spill Cause: Tank Failure
Spill Source: Gasoline Station
Spill Class: Not reported
Spill Closed Dt: 8/11/1987
Facility Addr2: MILTON AVE
Cleanup Ceased: 8/11/1987
Cleanup Meets Standard: True
SWIS: 3400
Investigator: UNASSIGNED
Referred To: Not reported
Reported to Dept: 10/22/1986
CID: Not reported
Water Affected: Not reported
Spill Notifier: Responsible Party
Last Inspection: Not reported
Recommended Penalty: Penalty Not Recommended
UST Involvement: True
Remediation Phase: 0
Date Entered In Computer: Not reported
Spill Record Last Update: 12/2/2003
Spiller Name: Not reported
Spiller Company: JEROME PLUMBING
Spiller Address: 2409 MILTON AVE.
Spiller City,St,Zip: SOLVAY, ZZ

Actual:
432 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JEROME PLMB., MILTON AVE. (Continued)

S100128572

Spiller County: 001
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extension: Not reported
DEC Region: 7
DER Facility ID: 137194
DEC Memo: Prior to Sept, 2004 data translation this spill Lead_DEC Field was "

Remarks: " // : TURNED OVER TO ANDY WATKINS.
REPORTED TANK LEAK WHILE I WAS ON SITE INSPECTING A MINOR SURFACE
SPILL. TANK IS TAKING ON WATER, A SECOND TANK ON SITE IS ALSO LEAKING.
Not reported

Material:

Site ID: 162615
Operable Unit ID: 901747
Operable Unit: 01
Material ID: 473968
Material Code: 0009
Material Name: Gasoline
Case No.: Not reported
Material FA: Petroleum
Quantity: 0
Units: Not reported
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:

Site ID: Not reported
Spill Tank Test: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate: Not reported
Gross Fail: Not reported
Modified By: Not reported
Last Modified: Not reported
Test Method: Not reported

HIST LTANKS:

Region of Spill: 7
Spill Number: 8604736
Spill Date: 10/22/1986
Spill Time: 10:00
Spill Cause: Tank Failure
Resource Affectd: Groundwater
Water Affected: Not reported
Spill Source: Gas Station
Spill Class: Not reported
Spill Closed Dt: 08/11/87
Cleanup Ceased: 08/11/87
Cleanup Meets Standard: True
Investigator: Not reported
Caller Name: Not reported
Caller Agency: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JEROME PLMB., MILTON AVE. (Continued)

S100128572

Caller Phone: Not reported
Caller Extension: Not reported
Notifier Name: Not reported
Notifier Agency: Not reported
Notifier Phone: Not reported
Notifier Extension: Not reported
Reported to Department Date: 10/22/86
Reported to Department Time: 10:00
SWIS: 31
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
Spiller Name: JEROME PLUMBING
Spiller Address: 2409 MILTON AVE.
Spiller City,St,Zip: SOLVAY
Spiller Cleanup Date: / /
Facility Contact: Not reported
Facility Phone: Not reported
Facility Extention: Not reported
Spill Notifier: Responsible Party
PBS Number: Not reported
Last Inspection: / /
Recommended Penalty: Penalty Not Recommended
Enforcement Date: / /
Investigation Complete: / /
UST Involvement: True
Date Region Sent Summary to Central Office: / /
Corrective Action Plan Submitted: / /
Date Spill Entered In Computer Data File: 10/30/86
Time Spill Entered In Computer Data File: Not reported
Spill Record Last Update: / /
Is Updated: False

Tank:

PBS Number: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported

Material:

Material Class Type: Petroleum
Quantity Spilled: 0
Unkonwn Quantity Spilled: False
Units: Not reported
Quantity Recovered: 0
Unkonwn Quantity Recovered: False
Material: GASOLINE
Class Type: GASOLINE
Times Material Entry In File: 21329
CAS Number: Not reported
Last Date: 19940929
DEC Remarks: / / : TURNED OVER TO ANDY WATKINS.
Spill Cause: REPORTED TANK LEAK WHILE I WAS ON SITE INSPECTING A MINOR SURFACE SPILL. TANK IS TAKING ON WATER, A SECOND TANK ON SITE IS ALSO LEAKING.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

126
ENE
> 1
1.601 mi.
8453 ft.

NYS FAIRGROUNDS SLF
STATE FAIR BLVD
SOLVAY, NY 13209

SWF/LF S103276857
N/A

Relative:
Higher

SWF/LF:
Flag: INACTIVE
Region Code: 7
Phone Number: Not reported
Owner Name: NEW YORK STATE FAIRGROUND
Owner Type: Private
Owner Address: STATE FAIR BLVD
Owner Addr2: Not reported
Owner City,St,Zip: SOLVAY, NY 13209
Owner Email: Not reported
Owner Phone: Not reported
Contact Name: Not reported
Contact Address: Not reported
Contact Addr2: Not reported
Contact City,St,Zip: Not reported
Contact Email: Not reported
Contact Phone: Not reported
Activity Desc: Landfill - mixed solid waste
Activity Number: 34S13
Active: No
East Coordinate: 400863
North Coordinate: 4770691
Accuracy Code: Not reported
Regulatory Status: None
Waste Type: Not reported
Authorization #: None
Authorization Date: Not reported
Expiration Date: Not reported

Actual:
425 ft.

127
NE
> 1
1.615 mi.
8525 ft.

INDUSTRIAL LF CRUCIBLE
P.O. BOX 977
SYRACUSE, NY 13201

SWF/LF S103592971
N/A

Relative:
Lower

SWF/LF:
Flag: INACTIVE
Region Code: 7
Phone Number: 3154874111
Owner Name: CRUCIBLE STEEL INC
Owner Type: Private
Owner Address: P.O. BOX 977
Owner Addr2: Not reported
Owner City,St,Zip: SYRACUSE, NY 13201
Owner Email: Not reported
Owner Phone: 3154874111
Contact Name: Not reported
Contact Address: Not reported
Contact Addr2: Not reported
Contact City,St,Zip: Not reported
Contact Email: Not reported
Contact Phone: Not reported
Activity Desc: Landfill - industrial/commercial
Activity Number: 34N27

Actual:
378 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

INDUSTRIAL LF CRUCIBLE (Continued)

S103592971

Active: No
East Coordinate: 400026
North Coordinate: 4771366
Accuracy Code: Not reported
Regulatory Status: None
Waste Type: Dust (Baghouse)
Authorization #: None
Authorization Date: Not reported
Expiration Date: Not reported

AA128
ESE
> 1
1.645 mi.
8683 ft.

SOLVAY TRANSFER STATION
BOYD AVENUE
SOLVAY, NY 13209
Site 1 of 3 in cluster AA

SWF/LF **S105841501**
N/A

Relative:
Higher

SWF/LF:

Flag: ACTIVE
Region Code: 7
Phone Number: 3154681606
Owner Name: Village of Solvay
Owner Type: Municipal
Owner Address: 1100 Woods Road
Owner Addr2: Not reported
Owner City,St,Zip: Solvay, NY 13209
Owner Email: Not reported
Owner Phone: 3154681606
Contact Name: Not reported
Contact Address: Not reported
Contact Addr2: Not reported
Contact City,St,Zip: Not reported
Contact Email: Not reported
Contact Phone: Not reported
Activity Desc: Transfer station - registered
Activity Number: 34R04
Active: Yes
East Coordinate: 400749
North Coordinate: 4768545
Accuracy Code: 4.2 - Utilization of GIS and existing spatial data
Regulatory Status: Registration
Waste Type: MSW (Residential/Institutional & Commercial);Construction & Demolition
Debris
Authorization #: Not reported
Authorization Date: 10/6/1997
Expiration Date: Not reported

Actual:
411 ft.

AB129
East
> 1
1.659 mi.
8758 ft.

NIAGARA MOHAWK SOLVAY
BRIDGE ST
SYRACUSE, NY 13209
Site 1 of 2 in cluster AB

CORRACTS **1000232807**
RCRA-CESQG **NYD980647952**
PADS
FINDS
MANIFEST

Relative:
Lower

CORRACTS:

Actual:
385 ft.

EPA ID: NYD980647952
EPA Region: 2

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NIAGARA MOHAWK SOLVAY (Continued)

1000232807

Area Name: SITEWIDE
Actual Date: 2/28/1998
Action: CA050RF - RFA Completed, Assessment was an RFA
NAICS Code(s): Not reported
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: NYD980647952
EPA Region: 2
Area Name: SITEWIDE
Actual Date: 2/28/1998
Action: CA100 - RFI Imposition
NAICS Code(s): Not reported
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: NYD980647952
EPA Region: 2
Area Name: SITEWIDE
Actual Date: 2/28/1998
Action: CA075ME - CA Prioritization, Facility or area was assigned a medium corrective action priority
NAICS Code(s): Not reported
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: NYD980647952
EPA Region: 2
Area Name: SITEWIDE
Actual Date: 2/28/1998
Action: CA070YE - RFA Determination Of Need For An RFI, RFI is Necessary
NAICS Code(s): Not reported
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: NYD980647952
EPA Region: 2
Area Name: SITEWIDE
Actual Date: 3/1/1998
Action: CA110 - RFI Workplan Received
NAICS Code(s): Not reported
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: NYD980647952
EPA Region: 2
Area Name: SITEWIDE
Actual Date: 3/8/2000
Action: CA200 - RFI Approved
NAICS Code(s): Not reported
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: NYD980647952
EPA Region: 2
Area Name: OFF-SITE
Actual Date: 4/18/2000

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NIAGARA MOHAWK SOLVAY (Continued)

1000232807

Action: CA150 - RFI Workplan Approved
NAICS Code(s): Not reported
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: NYD980647952
EPA Region: 2
Area Name: SITEWIDE
Actual Date: 4/19/2002
Action: CA677
NAICS Code(s): Not reported
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: NYD980647952
EPA Region: 2
Area Name: OFF-SITE
Actual Date: 5/18/2001
Action: CA200 - RFI Approved
NAICS Code(s): Not reported
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: NYD980647952
EPA Region: 2
Area Name: SITEWIDE
Actual Date: 5/18/2001
Action: CA610
NAICS Code(s): Not reported
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: NYD980647952
EPA Region: 2
Area Name: SITEWIDE
Actual Date: 6/22/1998
Action: CA140 - RFI Workplan Notice Of Deficiency Issued
NAICS Code(s): Not reported
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: NYD980647952
EPA Region: 2
Area Name: SITEWIDE
Actual Date: 6/22/1998
Action: CA120 - RFI Workplan Modification Requested By Agency
NAICS Code(s): Not reported
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: NYD980647952
EPA Region: 2
Area Name: SITEWIDE
Actual Date: 7/10/1998
Action: CA145
NAICS Code(s): Not reported
Original schedule date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NIAGARA MOHAWK SOLVAY (Continued)

1000232807

Schedule end date: Not reported

EPA ID: NYD980647952
EPA Region: 2
Area Name: SITEWIDE
Actual Date: 7/27/1998
Action: CA150 - RFI Workplan Approved
NAICS Code(s): Not reported
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: NYD980647952
EPA Region: 2
Area Name: SITEWIDE
Actual Date: 10/11/1997
Action: CA010 - RFA Initiation
NAICS Code(s): Not reported
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: NYD980647952
EPA Region: 2
Area Name: OFF-SITE
Actual Date: 11/6/2000
Action: CA183
NAICS Code(s): Not reported
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: NYD980647952
EPA Region: 2
Area Name: SITEWIDE
Actual Date: 12/19/2001
Action: CA250 - CMS Imposition
NAICS Code(s): Not reported
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: NYD980647952
EPA Region: 2
Area Name: SITEWIDE
Actual Date: 12/26/2001
Action: CA260 - CMS Workplan Received
NAICS Code(s): Not reported
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: NYD980647952
EPA Region: 2
Area Name: SITEWIDE
Actual Date: 12/26/2001
Action: CA300 - CMS Workplan Approved
NAICS Code(s): Not reported
Original schedule date: Not reported
Schedule end date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NIAGARA MOHAWK SOLVAY (Continued)

1000232807

RCRA-CESQG:

Date form received by agency: 01/01/2007
Facility name: NIAGARA MOHAWK SOLVAY
Facility address: BRIDGE ST
SYRACUSE, NY 13209
EPA ID: NYD980647952
Mailing address: ERIE BLVD W
SYRACUSE, NY 13202
Contact: Not reported
Contact address: ERIE BLVD W
SYRACUSE, NY 13202
Contact country: US
Contact telephone: Not reported
Contact email: Not reported
EPA Region: 02
Land type: Facility is not located on Indian land. Additional information is not known.
Classification: Conditionally Exempt Small Quantity Generator
Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name: NIAGARA MOHAWK POWER CORPORATION
Owner/operator address: OWNERSTREET
OWNERCITY, WY 99999
Owner/operator country: US
Owner/operator telephone: (212) 555-1212
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: OPERNAME
Owner/operator address: OPERSTREET
OPERCITY, WY 99999
Owner/operator country: US
Owner/operator telephone: (212) 555-1212
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler accessibility indicator: Transferred to the program or state equivalent.

Handler Activities Summary:

U.S. importer of hazardous waste: Unknown

Map ID
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MAP FINDINGS

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Database(s)

EDR ID Number
EPA ID Number

NIAGARA MOHAWK SOLVAY (Continued)

1000232807

Mixed waste (haz. and radioactive): Unknown
Recycler of hazardous waste: No
Transporter of hazardous waste: Unknown
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: Unknown
Furnace exemption: Unknown
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Commercial status unknown

Historical Generators:

Date form received by agency: 01/01/2006
Facility name: NIAGARA MOHAWK SOLVAY
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 07/08/1999
Facility name: NIAGARA MOHAWK SOLVAY
Classification: Not a generator, verified

Date form received by agency: 04/01/1992
Facility name: NIAGARA MOHAWK SOLVAY
Classification: Large Quantity Generator

Date form received by agency: 11/04/1988
Facility name: NIAGARA MOHAWK SOLVAY
Classification: Not a generator, verified

Date form received by agency: 08/23/1982
Facility name: NIAGARA MOHAWK SOLVAY
Classification: Large Quantity Generator

Corrective Action Summary:

Event date: 10/11/1997
Event: RFA Initiation

Event date: 02/28/1998
Event: RFA Completed, Assessment was an RFA.

Event date: 02/28/1998
Event: RFA Determination Of Need For An RFI, RFI is Necessary;

Event date: 02/28/1998
Event: CA Prioritization, Facility or area was assigned a medium corrective action priority.

Event date: 02/28/1998
Event: RFI Imposition

Event date: 03/01/1998
Event: RFI Workplan Received

Map ID
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MAP FINDINGS

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Database(s)

EDR ID Number
EPA ID Number

NIAGARA MOHAWK SOLVAY (Continued)

1000232807

Event date: 06/22/1998
Event: RFI Workplan Modification Requested By Agency

Event date: 06/22/1998
Event: RFI Workplan Notice Of Deficiency Issued

Event date: 07/10/1998
Event: CA145

Event date: 07/27/1998
Event: RFI Workplan Approved

Event date: 03/08/2000
Event: RFI Approved

Event date: 04/18/2000
Event: RFI Workplan Approved

Event date: 11/06/2000
Event: CA183

Event date: 05/18/2001
Event: RFI Approved

Event date: 05/18/2001
Event: CA610

Event date: 12/19/2001
Event: CMS Imposition

Event date: 12/26/2001
Event: CMS Workplan Received

Event date: 12/26/2001
Event: CMS Workplan Approved

Event date: 04/19/2002
Event: CA677

Facility Has Received Notices of Violations:

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 08/23/1990
Date achieved compliance: 11/28/1990
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 09/13/1990
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 03/24/1987

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NIAGARA MOHAWK SOLVAY (Continued)

1000232807

Date achieved compliance: 05/29/1987
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 03/24/1987
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:

Evaluation date: 04/19/2002
Evaluation: NON-FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 05/23/1995
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 05/23/1994
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 09/28/1992
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 09/27/1991
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 08/23/1990
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 11/28/1990
Evaluation lead agency: State

Evaluation date: 09/14/1989
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 03/22/1989
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NIAGARA MOHAWK SOLVAY (Continued)

1000232807

Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 06/20/1988
Evaluation: NON-FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 04/26/1988
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 10/28/1987
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 03/24/1987
Evaluation: NON-FINANCIAL RECORD REVIEW
Area of violation: Generators - General
Date achieved compliance: 05/29/1987
Evaluation lead agency: State

Evaluation date: 03/18/1987
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 02/14/1986
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

PADS:

EPAID: NYD980647952
Facility name: SOLVAY SERVICE CTR
Facility Address: BRIDGE ST
SYRACUSE, NY 13209
Facility country: US
Generator: Yes
Storer: No
Transporter: No
Disposer: No
Research facility: No
Smelter: No
Facility owner name: NIAGARA MOHAWK POWER CORP
Contact title: Not reported
Contact name: DOMICK E J
Contact tel: (315)428-2351
Contact extension: Not reported
Mailing address: 300 ERIE BLVD W
SYRACUSE, NY 13202

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NIAGARA MOHAWK SOLVAY (Continued)

1000232807

Mailing country: US
Cert. title: Not reported
Cert. name: Not reported
Cert. date: 3/15/1990
Date received: 4/20/1990

FINDS:

Registry ID: 110002042511

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

NY MANIFEST:

EPA ID: NYD980647952
Country: USA
Mailing Name: NIAGARA MOHAWK POWER CORP
Mailing Contact: UNKNOWN
Mailing Address: 300 ERIE BLVD WEST
Mailing Address 2: Not reported
Mailing City: SYRACUSE
Mailing State: NY
Mailing Zip: 13202
Mailing Zip4: Not reported
Mailing Country: USA
Mailing Phone: 315-474-1411

Document ID: ARA7521600
Manifest Status: Completed copy
Trans1 State ID: H197(PC-8)
Trans2 State ID: Not reported
Generator Ship Date: 861229
Trans1 Recv Date: 861229
Trans2 Recv Date: Not reported
TSD Site Recv Date: 861230
Part A Recv Date: 870116
Part B Recv Date: 870113
Generator EPA ID: NYD980647952
Trans1 EPA ID: MAD039322250
Trans2 EPA ID: Not reported
TSDF ID: ARD069748192
Waste Code: B002 - PETROLEUM OIL WITH 50 BUT < 500 PPM PCB
Quantity: 04100
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: TT - Cargo tank, tank trucks
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 86

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NIAGARA MOHAWK SOLVAY (Continued)

1000232807

Document ID: MOA0110386
Manifest Status: Completed after the designated time period for a TSDf to get a copy to the DEC
Trans1 State ID: Not reported
Trans2 State ID: Not reported
Generator Ship Date: 861103
Trans1 Recv Date: 861103
Trans2 Recv Date: Not reported
TSD Site Recv Date: 861104
Part A Recv Date: 861216
Part B Recv Date: 861217
Generator EPA ID: NYD980647952
Trans1 EPA ID: MAD039322250
Trans2 EPA ID: Not reported
TSDf ID: MOD079933198
Waste Code: B002 - PETROLEUM OIL WITH 50 BUT < 500 PPM PCB
Quantity: 06000
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: TT - Cargo tank, tank trucks
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 86

Document ID: MOA0111086
Manifest Status: Completed after the designated time period for a TSDf to get a copy to the DEC
Trans1 State ID: Not reported
Trans2 State ID: Not reported
Generator Ship Date: 861110
Trans1 Recv Date: 861110
Trans2 Recv Date: Not reported
TSD Site Recv Date: 861112
Part A Recv Date: 861216
Part B Recv Date: 861217
Generator EPA ID: NYD980647952
Trans1 EPA ID: MAD039322250
Trans2 EPA ID: Not reported
TSDf ID: MOD079933198
Waste Code: B002 - PETROLEUM OIL WITH 50 BUT < 500 PPM PCB
Quantity: 05900
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: TT - Cargo tank, tank trucks
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 86

Document ID: MOA0111886
Manifest Status: Completed after the designated time period for a TSDf to get a copy to the DEC
Trans1 State ID: Not reported
Trans2 State ID: Not reported
Generator Ship Date: 861118
Trans1 Recv Date: 861118
Trans2 Recv Date: Not reported
TSD Site Recv Date: 861119
Part A Recv Date: 861216

Map ID
Direction
Distance
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NIAGARA MOHAWK SOLVAY (Continued)

1000232807

Part B Recv Date: 861217
Generator EPA ID: NYD980647952
Trans1 EPA ID: MAD039322250
Trans2 EPA ID: Not reported
TSD ID: MOD079933198
Waste Code: B002 - PETROLEUM OIL WITH 50 BUT < 500 PPM PCB
Quantity: 05000
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: TT - Cargo tank, tank trucks
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 86

Document ID: ARA1044470
Manifest Status: Completed after the designated time period for a TSD to get a copy to the DEC
Trans1 State ID: H197(PC-8
Trans2 State ID: Not reported
Generator Ship Date: 870330
Trans1 Recv Date: 870330
Trans2 Recv Date: Not reported
TSD Site Recv Date: 870401
Part A Recv Date: 870430
Part B Recv Date: 870414
Generator EPA ID: NYD980647952
Trans1 EPA ID: MAD039322250
Trans2 EPA ID: Not reported
TSD ID: ARD069748192
Waste Code: B002 - PETROLEUM OIL WITH 50 BUT < 500 PPM PCB
Quantity: 43060
Units: P - Pounds
Number of Containers: 001
Container Type: TT - Cargo tank, tank trucks
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 87

Document ID: MAC3190990
Manifest Status: Completed copy
Trans1 State ID: 16666(MA)
Trans2 State ID: Not reported
Generator Ship Date: 871214
Trans1 Recv Date: 871214
Trans2 Recv Date: Not reported
TSD Site Recv Date: 871216
Part A Recv Date: 871218
Part B Recv Date: 871230
Generator EPA ID: NYD980647952
Trans1 EPA ID: MAD039322250
Trans2 EPA ID: Not reported
TSD ID: MAD053452637
Waste Code: B002 - PETROLEUM OIL WITH 50 BUT < 500 PPM PCB
Quantity: 05500
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001

Map ID
Direction
Distance
Elevation

MAP FINDINGS

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Database(s)

EDR ID Number
EPA ID Number

NIAGARA MOHAWK SOLVAY (Continued)

1000232807

Container Type: TT - Cargo tank, tank trucks
Handling Method: L Landfill.
Specific Gravity: 100
Year: 87

Document ID: TXA0325274
Manifest Status: Completed copy
Trans1 State ID: 40756
Trans2 State ID: Not reported
Generator Ship Date: 870727
Trans1 Recv Date: 870727
Trans2 Recv Date: Not reported
TSD Site Recv Date: 870728
Part A Recv Date: 870807
Part B Recv Date: 870810
Generator EPA ID: NYD980647952
Trans1 EPA ID: DED980918858
Trans2 EPA ID: Not reported
TSD ID: TXD055141378
Waste Code: B002 - PETROLEUM OIL WITH 50 BUT < 500 PPM PCB
Quantity: 05000
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: TT - Cargo tank, tank trucks
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 87

Document ID: ARA1054190
Manifest Status: Completed after the designated time period for a TSD ID to get a copy to the DEC
Trans1 State ID: H10PC708
Trans2 State ID: Not reported
Generator Ship Date: 870723
Trans1 Recv Date: 870723
Trans2 Recv Date: Not reported
TSD Site Recv Date: 870727
Part A Recv Date: 870916
Part B Recv Date: 870805
Generator EPA ID: NYD980647952
Trans1 EPA ID: ARD069748192
Trans2 EPA ID: Not reported
TSD ID: ARP000404000
Waste Code: B001 - PCB OIL (CONC) FROM TRANS, CAP, ETC
Quantity: 00877
Units: P - Pounds
Number of Containers: 004
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 87

Document ID: ARA8846900
Manifest Status: Completed after the designated time period for a TSD ID to get a copy to the DEC
Trans1 State ID: H-245PC93

Map ID
Direction
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Elevation

MAP FINDINGS

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Database(s)

EDR ID Number
EPA ID Number

NIAGARA MOHAWK SOLVAY (Continued)

1000232807

Trans2 State ID: Not reported
Generator Ship Date: 870424
Trans1 Recv Date: 870424
Trans2 Recv Date: Not reported
TSD Site Recv Date: 870427
Part A Recv Date: 870615
Part B Recv Date: 870511
Generator EPA ID: NYD980647952
Trans1 EPA ID: NYD980769947
Trans2 EPA ID: Not reported
TSD ID: ARP000404000
Waste Code: B001 - PCB OIL (CONC) FROM TRANS, CAP, ETC
Quantity: 00335
Units: L
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Waste Code: Not reported
Quantity: 00300
Units: L
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Waste Code: Not reported
Quantity: 00600
Units: L
Number of Containers: 002
Container Type: DW
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 87

Document ID: ARA1044510
Manifest Status: Completed copy
Trans1 State ID: H197(PC-8)
Trans2 State ID: Not reported
Generator Ship Date: 870406
Trans1 Recv Date: 870406
Trans2 Recv Date: Not reported
TSD Site Recv Date: 870408
Part A Recv Date: 870430
Part B Recv Date: 870427
Generator EPA ID: NYD980647952
Trans1 EPA ID: MAD039322250
Trans2 EPA ID: Not reported
TSD ID: ARD069748192
Waste Code: B002 - PETROLEUM OIL WITH 50 BUT < 500 PPM PCB
Quantity: 41660
Units: P - Pounds
Number of Containers: 001
Container Type: TT - Cargo tank, tank trucks
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 87

Map ID
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MAP FINDINGS

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Database(s)

EDR ID Number
EPA ID Number

NIAGARA MOHAWK SOLVAY (Continued)

1000232807

Document ID: TXA0325275
Manifest Status: Completed copy
Trans1 State ID: 40756
Trans2 State ID: Not reported
Generator Ship Date: 870721
Trans1 Recv Date: 870721
Trans2 Recv Date: Not reported
TSD Site Recv Date: 870722
Part A Recv Date: 870803
Part B Recv Date: 870805
Generator EPA ID: NYD980647952
Trans1 EPA ID: DED980918858
Trans2 EPA ID: Not reported
TSD ID: TXD055141378
Waste Code: B003 - PETROLEUM OIL WITH 500 PPM OR > PCB
Quantity: 04205
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: TT - Cargo tank, tank trucks
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 87

Document ID: ILA1988215
Manifest Status: Completed after the designated time period for a TSD ID to get a copy to the DEC
Trans1 State ID: 1478
Trans2 State ID: Not reported
Generator Ship Date: 880314
Trans1 Recv Date: 880314
Trans2 Recv Date: Not reported
TSD Site Recv Date: 880316
Part A Recv Date: 880411
Part B Recv Date: 880413
Generator EPA ID: NYD980647952
Trans1 EPA ID: MAD039322250
Trans2 EPA ID: Not reported
TSD ID: ILD000672121
Waste Code: B001 - PCB OIL (CONC) FROM TRANS, CAP, ETC
Quantity: 05609
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: TT - Cargo tank, tank trucks
Handling Method: L Landfill.
Specific Gravity: 100
Year: 88

Document ID: ARA1639950
Manifest Status: Completed after the designated time period for a TSD ID to get a copy to the DEC
Trans1 State ID: H197(PC-8
Trans2 State ID: Not reported
Generator Ship Date: 870921
Trans1 Recv Date: 870921
Trans2 Recv Date: Not reported
TSD Site Recv Date: 870924
Part A Recv Date: 871026

Map ID
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Database(s)

EDR ID Number
EPA ID Number

NIAGARA MOHAWK SOLVAY (Continued)

1000232807

Part B Recv Date: 871005
Generator EPA ID: NYD980647952
Trans1 EPA ID: MAD039322250
Trans2 EPA ID: Not reported
TSD ID: ARD069748192
Waste Code: B003 - PETROLEUM OIL WITH 500 PPM OR > PCB
Quantity: 05795
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: TT - Cargo tank, tank trucks
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 87

Document ID: ARA1662300
Manifest Status: Completed after the designated time period for a TSD to get a copy to the DEC
Trans1 State ID: H197(PC-8
Trans2 State ID: Not reported
Generator Ship Date: 870929
Trans1 Recv Date: 870929
Trans2 Recv Date: Not reported
TSD Site Recv Date: 871002
Part A Recv Date: 871030
Part B Recv Date: 871009
Generator EPA ID: NYD980647952
Trans1 EPA ID: MAD039322250
Trans2 EPA ID: Not reported
TSD ID: ARD069748192
Waste Code: B002 - PETROLEUM OIL WITH 50 BUT < 500 PPM PCB
Quantity: 05750
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: TT - Cargo tank, tank trucks
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 87

Document ID: ILA1907077
Manifest Status: Completed after the designated time period for a TSD to get a copy to the DEC
Trans1 State ID: 1478
Trans2 State ID: Not reported
Generator Ship Date: 871221
Trans1 Recv Date: 871221
Trans2 Recv Date: Not reported
TSD Site Recv Date: 871222
Part A Recv Date: 880303
Part B Recv Date: 880218
Generator EPA ID: NYD980647952
Trans1 EPA ID: MAD039322250
Trans2 EPA ID: Not reported
TSD ID: ILD000672121
Waste Code: B002 - PETROLEUM OIL WITH 50 BUT < 500 PPM PCB
Quantity: 05384
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001

Map ID
Direction
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NIAGARA MOHAWK SOLVAY (Continued)

1000232807

Container Type: TT - Cargo tank, tank trucks
Handling Method: L Landfill.
Specific Gravity: 100
Year: 87

Document ID: ILA1907126
Manifest Status: Completed after the designated time period for a TSDf to get a copy to the DEC
Trans1 State ID: 1478
Trans2 State ID: Not reported
Generator Ship Date: 871228
Trans1 Recv Date: 871228
Trans2 Recv Date: Not reported
TSD Site Recv Date: 871230
Part A Recv Date: 880222
Part B Recv Date: 880121
Generator EPA ID: NYD980647952
Trans1 EPA ID: MAD039322250
Trans2 EPA ID: Not reported
TSDf ID: ILD000672121
Waste Code: B002 - PETROLEUM OIL WITH 50 BUT < 500 PPM PCB
Quantity: 05054
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: TT - Cargo tank, tank trucks
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 87

Document ID: NYA5796171
Manifest Status: Completed copy
Trans1 State ID: 280TYP(NJ)
Trans2 State ID: Not reported
Generator Ship Date: 870218
Trans1 Recv Date: 870218
Trans2 Recv Date: Not reported
TSD Site Recv Date: 870220
Part A Recv Date: 870224
Part B Recv Date: 870304
Generator EPA ID: NYD980647952
Trans1 EPA ID: NJD000692061
Trans2 EPA ID: Not reported
TSDf ID: TND980729305
Waste Code: B003 - PETROLEUM OIL WITH 500 PPM OR > PCB
Quantity: 01500
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: TT - Cargo tank, tank trucks
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 091
Year: 87

Document ID: NYA7296453
Manifest Status: Completed copy
Trans1 State ID: 000000000

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NIAGARA MOHAWK SOLVAY (Continued)

1000232807

Trans2 State ID: 000000000
Generator Ship Date: 881018
Trans1 Recv Date: 881018
Trans2 Recv Date: Not reported
TSD Site Recv Date: 881018
Part A Recv Date: 881027
Part B Recv Date: 881024
Generator EPA ID: NYD980647952
Trans1 EPA ID: NYD051809952
Trans2 EPA ID: Not reported
TSD ID: NYD049836679
Waste Code: B007 - OTHER MISCELLANEOUS PCB WASTES
Quantity: 16340
Units: P - Pounds
Number of Containers: 001
Container Type: CM - Metal boxes, cases, roll-offs
Handling Method: L Landfill.
Specific Gravity: 100
Year: 88

Document ID: MAC4134760
Manifest Status: Completed copy
Trans1 State ID: 670402MA
Trans2 State ID: Not reported
Generator Ship Date: 881004
Trans1 Recv Date: 881004
Trans2 Recv Date: Not reported
TSD Site Recv Date: 881004
Part A Recv Date: 881013
Part B Recv Date: 881020
Generator EPA ID: NYD980647952
Trans1 EPA ID: MAD039322250
Trans2 EPA ID: Not reported
TSD ID: MAD053452637
Waste Code: MA02 - AUTHORIZED WASTE TO CWM/MA
Quantity: 01500
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: TT - Cargo tank, tank trucks
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 88

Document ID: ARA2807480
Manifest Status: Completed copy
Trans1 State ID: H197-PC-8
Trans2 State ID: Not reported
Generator Ship Date: 881003
Trans1 Recv Date: 881003
Trans2 Recv Date: Not reported
TSD Site Recv Date: 881005
Part A Recv Date: 881021
Part B Recv Date: 881017
Generator EPA ID: NYD980647952
Trans1 EPA ID: MAD039322250

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NIAGARA MOHAWK SOLVAY (Continued)

1000232807

Trans2 EPA ID: Not reported
TSDf ID: ARD069748192
Waste Code: B003 - PETROLEUM OIL WITH 500 PPM OR > PCB
Quantity: 39580
Units: P - Pounds
Number of Containers: 001
Container Type: TT - Cargo tank, tank trucks
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 88

[Click this hyperlink](#) while viewing on your computer to access
45 additional NY_MANIFEST: record(s) in the EDR Site Report.

AB130
East
> 1
1.662 mi.
8776 ft.

MATLOW COMPANY; INC
333 BRIDGE SREET
SYRACUSE, NY 13209
Site 2 of 2 in cluster AB

SWF/LF **S109695613**
N/A

Relative:
Lower

SWF/LF:
Flag: ACTIVE
Region Code: 7
Phone Number: Not reported
Owner Name: Not reported
Owner Type: Not reported
Owner Address: Not reported
Owner Addr2: Not reported
Owner City,St,Zip: Not reported
Owner Email: Not reported
Owner Phone: Not reported
Contact Name: Not reported
Contact Address: Not reported
Contact Addr2: Not reported
Contact City,St,Zip: Not reported
Contact Email: Not reported
Contact Phone: Not reported
Activity Desc: Vehicle Dismantling
Activity Number: Not reported
Active: Yes
East Coordinate: Not reported
North Coordinate: Not reported
Accuracy Code: Not reported
Regulatory Status: Not reported
Waste Type: Not reported
Authorization #: None
Authorization Date: Not reported
Expiration Date: Not reported

Actual:
384 ft.

MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

AC131 **BALLARD CONSTRUCTION**
East **320 BRIDGE STREET**
> 1 **SOLVAY, NY**
1.669 mi.
8813 ft. **Site 1 of 3 in cluster AC**

LTANKS **S100494698**
HIST LTANKS **N/A**

Relative:
Lower

LTANKS:

Site ID: 303627
 Spill No: 9212379
 Spill Date: 1/28/1993
 Spill Cause: Tank Failure
 Spill Source: Commercial/Industrial
 Spill Class: Known release with minimal potential for fire or hazard. DEC Response.
 Willing Responsible Party. Corrective action taken.
 Spill Closed Dt: 3/25/1993
 Facility Addr2: Not reported
 Cleanup Ceased: 3/25/1993
 Cleanup Meets Standard: True
 SWIS: 3400
 Investigator: MENASH
 Referred To: Not reported
 Reported to Dept: 1/28/1993
 CID: Not reported
 Water Affected: Not reported
 Spill Notifier: Responsible Party
 Last Inspection: Not reported
 Recommended Penalty: Penalty Not Recommended
 UST Involvement: True
 Remediation Phase: 0
 Date Entered In Computer: 3/10/1993
 Spill Record Last Update: 3/24/1993
 Spiller Name: Not reported
 Spiller Company: BALLARD CONSTRUCTION
 Spiller Address: 320 BRIDGE STREET
 Spiller City,St,Zip: SOLVAY, NY
 Spiller County: 001
 Spiller Contact: Not reported
 Spiller Phone: Not reported
 Spiller Extention: Not reported
 DEC Region: 7
 DER Facility ID: 245307
 DEC Memo: Prior to Sept, 2004 data translation this spill Lead_DEC Field was
 "MN" 03/10/93: CONTAMINATED SOIL STAGED ON SITE.
 Remarks: TANK PULL.

Material:

Site ID: 303627
 Operable Unit ID: 979389
 Operable Unit: 01
 Material ID: 402232
 Material Code: 0008
 Material Name: Diesel
 Case No.: Not reported
 Material FA: Petroleum
 Quantity: 0
 Units: Not reported
 Recovered: No
 Resource Affected: Not reported
 Oxygenate: False

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BALLARD CONSTRUCTION (Continued)

S100494698

Tank Test:

Site ID: Not reported
Spill Tank Test: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate: Not reported
Gross Fail: Not reported
Modified By: Not reported
Last Modified: Not reported
Test Method: Not reported

HIST LTANKS:

Region of Spill: 7
Spill Number: 9212379
Spill Date: 01/28/1993
Spill Time: 08:00
Spill Cause: Tank Failure
Resource Affectd: Groundwater
Water Affected: Not reported
Spill Source: Other Commercial/Industrial
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.
Willing Responsible Party. Corrective action taken.
Spill Closed Dt: 03/25/93
Cleanup Ceased: 03/25/93
Cleanup Meets Standard: True
Investigator: MN
Caller Name: Not reported
Caller Agency: Not reported
Caller Phone: Not reported
Caller Extension: Not reported
Notifier Name: Not reported
Notifier Agency: Not reported
Notifier Phone: Not reported
Notifier Extension: Not reported
Reported to Department Date: 01/28/93
Reported to Department Time: 00:83
SWIS: 31
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
Spiller Name: BALLARD CONSTRUCTION
Spiller Address: 320 BRIDGE STREET
Spiller City,St,Zip: SOLVAY, NEW YORK
Spiller Cleanup Date: / /
Facility Contact: Not reported
Facility Phone: Not reported
Facility Extention: Not reported
Spill Notifier: Responsible Party
PBS Number: Not reported
Last Inspection: / /
Recommended Penalty: Penalty Not Recommended
Enforcement Date: / /
Investigation Complete: / /
UST Involvement: True

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BALLARD CONSTRUCTION (Continued)

S100494698

Date Region Sent Summary to Central Office: / /
Corrective Action Plan Submitted: / /
Date Spill Entered In Computer Data File: 03/10/93
Time Spill Entered In Computer Data File: Not reported
Spill Record Last Update: 03/24/93
Is Updated: False

Tank:

PBS Number: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported

Material:

Material Class Type: Petroleum
Quantity Spilled: 0
Unkonwn Quantity Spilled: False
Units: Not reported
Quantity Recovered: 0
Unkonwn Quantity Recovered: False
Material: DIESEL
Class Type: DIESEL
Times Material Entry In File: 10625
CAS Number: Not reported
Last Date: 19940728
DEC Remarks: 03/10/93: CONTAMINATED SOIL STAGED ON SITE.
Spill Cause: TANK PULL.

AC132
East
> 1
1.670 mi.
8819 ft.

CRUSHED PRODUCTS; INC.
320 BRIDGE STREET
SYRACUSE, NY 13209

SWF/LF S105841286
N/A

Site 2 of 3 in cluster AC

Relative:
Lower

SWF/LF:

Flag: ACTIVE
Region Code: 7
Phone Number: 3154686225
Owner Name: Crushed Products Inc.
Owner Type: Private
Owner Address: 320 Bridge Street
Owner Addr2: Not reported
Owner City,St,Zip: Syracuse, NY 13209
Owner Email: Not reported
Owner Phone: 3154686225
Contact Name: Richard L. Ranieri
Contact Address: Not reported
Contact Addr2: Not reported
Contact City,St,Zip: Not reported
Contact Email: rranieri@ballardsports.com
Contact Phone: 3154686225
Activity Desc: C&D processing - registered
Activity Number: 34W02
Active: Yes
East Coordinate: 400896
North Coordinate: 4769048

Actual:
386 ft.

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

CRUSHED PRODUCTS; INC. (Continued)

S105841286

Accuracy Code: 4.3 - Utilization of Digital Orthophoto Quads
 Regulatory Status: Registration
 Waste Type: Concrete;Brick;Rock
 Authorization #: Not reported
 Authorization Date: 5/30/1995
 Expiration Date: Not reported

133
 WNW
 > 1
 1.678 mi.
 8862 ft.

**SYRACUSE POTTERY
 SYRACUSE POTTERY RD
 AMBOY, NY**

**LTANKS S100158384
 HIST LTANKS N/A**

**Relative:
 Higher**

LTANKS:
 Site ID: 264256
 Spill No: 9001526
 Spill Date: 5/1/1990
 Spill Cause: Tank Failure
 Spill Source: Commercial/Industrial
 Spill Class: Not reported
 Spill Closed Dt: 5/23/1990
 Facility Addr2: Not reported
 Cleanup Ceased: 5/9/1990
 Cleanup Meets Standard: True
 SWIS: 3400
 Investigator: ROMOCKI
 Referred To: Not reported
 Reported to Dept: 5/9/1990
 CID: Not reported
 Water Affected: Not reported
 Spill Notifier: Citizen
 Last Inspection: Not reported
 Recommended Penalty: Penalty Not Recommended
 UST Involvement: True
 Remediation Phase: 0
 Date Entered In Computer: 5/21/1990
 Spill Record Last Update: 6/5/1990
 Spiller Name: Not reported
 Spiller Company: SYRACUSE POTTERY
 Spiller Address: 6551 POTTERY RD.
 Spiller City,St,Zip: WARNERS, NY 13164
 Spiller County: 001
 Spiller Contact: Not reported
 Spiller Phone: Not reported
 Spiller Extention: Not reported
 DEC Region: 7
 DER Facility ID: 215377
 DEC Memo: Prior to Sept, 2004 data translation this spill Lead_DEC Field was "MR" 05/23/90: CALLER OBSERVED BUCKET DANGLING FROM FILL PIPE AND ASSUMED THE PIPE WAS LEAKING. WHEN INVESTIGATING IT WAS OBSERVED THAT THE BUCKET WAS FILLED WITH WATER. THE HAD REPAIRED THE LEAK PREVIOUSLY.

Remarks: CALLER OBSERVED LEAKING AG TANK AT SYRACUSE POTTERY.

Material:
 Site ID: 264256
 Operable Unit ID: 941287

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SYRACUSE POTTERY (Continued)

S100158384

Operable Unit: 01
Material ID: 439862
Material Code: 0008
Material Name: Diesel
Case No.: Not reported
Material FA: Petroleum
Quantity: 0
Units: Not reported
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:

Site ID: Not reported
Spill Tank Test: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate: Not reported
Gross Fail: Not reported
Modified By: Not reported
Last Modified: Not reported
Test Method: Not reported

HIST LTANKS:

Region of Spill: 7
Spill Number: 9001526
Spill Date: 05/01/1990
Spill Time: 12:00
Spill Cause: Tank Failure
Resource Affectd: On Land
Water Affected: Not reported
Spill Source: Other Commercial/Industrial
Spill Class: Not reported
Spill Closed Dt: 05/23/90
Cleanup Ceased: 05/09/90
Cleanup Meets Standard: True
Investigator: MR
Caller Name: Not reported
Caller Agency: Not reported
Caller Phone: Not reported
Caller Extension: Not reported
Notifier Name: Not reported
Notifier Agency: Not reported
Notifier Phone: Not reported
Notifier Extension: Not reported
Reported to Department Date: 05/09/90
Reported to Department Time: 09:18
SWIS: 31
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
Spiller Name: SYRACUSE POTTERY
Spiller Address: 6551 POTTERY RD.
Spiller City,St,Zip: WARNERS, NY 13164

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SYRACUSE POTTERY (Continued)

S100158384

Spiller Cleanup Date: / /
Facility Contact: Not reported
Facility Phone: (315) 487-6066
Facility Extension: Not reported
Spill Notifier: Citizen
PBS Number: Not reported
Last Inspection: / /
Recommended Penalty: Penalty Not Recommended
Enforcement Date: / /
Investigation Complete: / /
UST Involvement: True
Date Region Sent Summary to Central Office: / /
Corrective Action Plan Submitted: / /
Date Spill Entered In Computer Data File: 05/21/90
Time Spill Entered In Computer Data File: Not reported
Spill Record Last Update: 06/05/90
Is Updated: False

Tank:

PBS Number: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported

Material:

Material Class Type: Petroleum
Quantity Spilled: 0
Unkonwn Quantity Spilled: False
Units: Not reported
Quantity Recovered: 0
Unkonwn Quantity Recovered: False
Material: DIESEL
Class Type: DIESEL
Times Material Entry In File: 10625
CAS Number: Not reported
Last Date: 19940728
DEC Remarks: 05/23/90: CALLER OBSERVED BUCKET DANGLING FROM FILL PIPE AND ASSUMED THE PIPE WAS LEAKING. WHEN INVESTIGATING IT WAS OBSERVED THAT THE BUCKET WAS FILLED WITH WATER. THE HAD REPAIRED THE LEAK PREVIOUSLY.
Spill Cause: CALLER OBSERVED LEAKING AG TANK AT SYRACUSE POTTERY.

AA134
ESE
> 1
1.679 mi.
8864 ft.

**LCP (AGAIN)
SOUTH STORAGE AREA
SOLVAY, NY**
Site 2 of 3 in cluster AA

**LTANKS S100127515
HIST LTANKS N/A**

**Relative:
Higher**

LTANKS:
Site ID: 117866
Spill No: 8803668
Spill Date: 7/27/1988
Spill Cause: Tank Failure
Spill Source: Commercial/Industrial
Spill Class: Not reported
Spill Closed Dt: 7/27/1988
Facility Addr2: Not reported

**Actual:
403 ft.**

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LCP (AGAIN) (Continued)

S100127515

Cleanup Ceased: 7/27/1988
Cleanup Meets Standard: True
SWIS: 3400
Investigator: CSCUIPLY
Referred To: Not reported
Reported to Dept: 7/27/1988
CID: Not reported
Water Affected: Not reported
Spill Notifier: Responsible Party
Last Inspection: Not reported
Recommended Penalty: Penalty Not Recommended
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: Not reported
Spill Record Last Update: 12/2/2003
Spiller Name: Not reported
Spiller Company: LCP
Spiller Address: Not reported
Spiller City,St,Zip: ZZ
Spiller County: 001
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
DEC Region: 7
DER Facility ID: 102469
DEC Memo: Prior to Sept, 2004 data translation this spill Lead_DEC Field was "CC"
Remarks: CONTAINED NO DEC ACTION REQUIRED. SPILL CLOSED.

Material:

Site ID: 117866
Operable Unit ID: 918829
Operable Unit: 01
Material ID: 459208
Material Code: 1287A
Material Name: NAOH (SODIUM HYDROXIDE)
Case No.: Not reported
Material FA: Other
Quantity: 0
Units: Not reported
Recovered: No
Resource Affected: Not reported
Oxygenate: False
Site ID: 117866
Operable Unit ID: 918829
Operable Unit: 01
Material ID: 459207
Material Code: 0066A
Material Name: UNKNOWN PETROLEUM
Case No.: Not reported
Material FA: Petroleum
Quantity: 50
Units: Pounds
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LCP (AGAIN) (Continued)

S100127515

Tank Test:

Site ID: Not reported
Spill Tank Test: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate: Not reported
Gross Fail: Not reported
Modified By: Not reported
Last Modified: Not reported
Test Method: Not reported

HIST LTANKS:

Region of Spill: 7
Spill Number: 8803668
Spill Date: 07/27/1988
Spill Time: 01:50
Spill Cause: Tank Failure
Resource Affectd: On Land
Water Affected: Not reported
Spill Source: Other Commercial/Industrial
Spill Class: Not reported
Spill Closed Dt: 07/27/88
Cleanup Ceased: 07/27/88
Cleanup Meets Standard: True
Investigator: CC
Caller Name: Not reported
Caller Agency: Not reported
Caller Phone: Not reported
Caller Extension: Not reported
Notifier Name: Not reported
Notifier Agency: Not reported
Notifier Phone: Not reported
Notifier Extension: Not reported
Reported to Department Date: 07/27/88
Reported to Department Time: 16:47
SWIS: 31
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
Spiller Name: LCP
Spiller Address: Not reported
Spiller City,St,Zip: Not reported
Spiller Cleanup Date: / /
Facility Contact: Not reported
Facility Phone: Not reported
Facility Extention: Not reported
Spill Notifier: Responsible Party
PBS Number: Not reported
Last Inspection: / /
Recommended Penalty: Penalty Not Recommended
Enforcement Date: / /
Investigation Complete: / /
UST Involvement: False
Date Region Sent Summary to Central Office: / /

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LCP (AGAIN) (Continued)

S100127515

Corrective Action Plan Submitted: //
Date Spill Entered In Computer Data File: 08/09/88
Time Spill Entered In Computer Data File: Not reported
Spill Record Last Update: //
Is Updated: False

Tank:

PBS Number: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported

Material:

Material Class Type: Hazardous Material
Quantity Spilled: 0
Unkonwn Quantity Spilled: False
Units: Not reported
Quantity Recovered: 0
Unkonwn Quantity Recovered: False
Material: NAOH (SODIUM HYDROXIDE)
Class Type: NAOH (SODIUM HYDROXIDE)
Times Material Entry In File: 23
CAS Number: Not reported
Last Date: Not reported
Material Class Type: Petroleum
Quantity Spilled: 50
Unkonwn Quantity Spilled: False
Units: Pounds
Quantity Recovered: 0
Unkonwn Quantity Recovered: False
Material: UNKNOWN PETROLEUM
Class Type: UNKNOWN PETROLEUM
Times Material Entry In File: 16414
CAS Number: Not reported
Last Date: 19940929
DEC Remarks: Not reported
Spill Cause: CONTAINED NO DEC ACTION REQUIRED. SPILL CLOSED.

AA135
ESE
> 1
1.679 mi.
8864 ft.

LCP CAUSTIC TANK
MATHEWS AVE
SOLVAY, NY
Site 3 of 3 in cluster AA

LTANKS S101485934
HIST LTANKS N/A

Relative:
Higher

LTANKS:

Site ID: 142364
Spill No: 8805243
Spill Date: 9/17/1988
Spill Cause: Tank Failure
Spill Source: Commercial/Industrial
Spill Class: Not reported
Spill Closed Dt: 9/18/1988
Facility Addr2: Not reported
Cleanup Ceased: 9/18/1988
Cleanup Meets Standard: True
SWIS: 3400

Actual:
403 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LCP CAUSTIC TANK (Continued)

S101485934

Investigator: VOLLMER
Referred To: Not reported
Reported to Dept: 9/17/1988
CID: Not reported
Water Affected: Not reported
Spill Notifier: Responsible Party
Last Inspection: Not reported
Recommended Penalty: Penalty Not Recommended
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 9/29/1988
Spill Record Last Update: 10/19/1988
Spiller Name: Not reported
Spiller Company: LCP CHEMICALS
Spiller Address: MATHEWS AVE
Spiller City,St,Zip: SOLVAY, NY 13209
Spiller County: 001
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
DEC Region: 7
DER Facility ID: 169340
DEC Memo: Prior to Sept, 2004 data translation this spill Lead_DEC Field was "DV" 09/17/88: 300000 GALLON TANK LEAKING 6' ABOVE GROUND APPROX 1 GPM. EOI ON SITE VACUUMING LEAKAGE. 28' OF CAUSTIC IN TANK. PUMPING OUT AT 1-2 FT PER HOUR. 09/18/88: TANK EMPTIED BY 1900 HRS. WILL SUBMIT REPORT PER CBS REGS. 10/19/88: TANK EMPTIED.
Remarks: STORAGE TANK LEAK. WILL COLLECT ALL MATERIAL THAT FALLS ON GROUND

Material:
Site ID: 142364
Operable Unit ID: 922344
Operable Unit: 01
Material ID: 457152
Material Code: 1287A
Material Name: NAOH (SODIUM HYDROXIDE)
Case No.: Not reported
Material FA: Other
Quantity: 1500
Units: Pounds
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:
Site ID: Not reported
Spill Tank Test: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate: Not reported
Gross Fail: Not reported
Modified By: Not reported
Last Modified: Not reported
Test Method: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LCP CAUSTIC TANK (Continued)

S101485934

HIST LTANKS:

Region of Spill: 7
Spill Number: 8805243
Spill Date: 09/17/1988
Spill Time: 17:00
Spill Cause: Tank Failure
Resource Affectd: On Land
Water Affected: Not reported
Spill Source: Other Commercial/Industrial
Spill Class: Not reported
Spill Closed Dt: 09/18/88
Cleanup Ceased: 09/18/88
Cleanup Meets Standard: True
Investigator: DV
Caller Name: Not reported
Caller Agency: Not reported
Caller Phone: Not reported
Caller Extension: Not reported
Notifier Name: Not reported
Notifier Agency: Not reported
Notifier Phone: Not reported
Notifier Extension: Not reported
Reported to Department Date: 09/17/88
Reported to Department Time: 20:13
SWIS: 31
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
Spiller Name: LCP CHEMICALS
Spiller Address: MATHEWS AVE
Spiller City,St,Zip: SOLVAY, NY 13209
Spiller Cleanup Date: / /
Facility Contact: Not reported
Facility Phone: (315) 487-4741
Facility Extention: Not reported
Spill Notifier: Responsible Party
PBS Number: Not reported
Last Inspection: / /
Recommended Penalty: Penalty Not Recommended
Enforcement Date: / /
Investigation Complete: / /
UST Involvement: False
Date Region Sent Summary to Central Office: / /
Corrective Action Plan Submitted: / /
Date Spill Entered In Computer Data File: 09/29/88
Time Spill Entered In Computer Data File: Not reported
Spill Record Last Update: 10/19/88
Is Updated: False

Tank:

PBS Number: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LCP CAUSTIC TANK (Continued)

S101485934

Material:

Material Class Type: Hazardous Material
Quantity Spilled: 1500
Unkonwn Quantity Spilled: False
Units: Pounds
Quantity Recovered: 0
Unkonwn Quantity Recovered: False
Material: NAOH (SODIUM HYDROXIDE)
Class Type: NAOH (SODIUM HYDROXIDE)
Times Material Entry In File: 23
CAS Number: Not reported
Last Date: Not reported
DEC Remarks: 09/17/88: 300000 GALLON TANK LEAKING 6 ABOVE GROUND APPROX 1 GPM. EOI ON SITE VACUUMING LEAKAGE. 28 OF CAUSTIC IN TANK. PUMPING OUT AT 1-2 FT PER HOUR.
09/18/88: TANK EMPTIED BY 1900 HRS. WILL SUBMIT REPORT PER CBS REGS. 10/19/88: TANK EMPTIED.
Spill Cause: STORAGE TANK LEAK. WILL COLLECT ALL MATERIAL THAT FALLS ON GROUND

AC136
ESE
> 1
1.682 mi.
8879 ft.

ONONDAGA COGENERATION LTD PART
300 BRIDGE ST
SYRACUSE, NY 13209
Site 3 of 3 in cluster AC

RCRA-NonGen **1000889971**
FINDS **NY0000202135**
HIST AST
BROWNFIELDS

Relative:
Lower

RCRA-NonGen:

Date form received by agency: 01/01/2007
Facility name: ONONDAGA COGENERATION LTD PART
Facility address: 300 BRIDGE ST
SYRACUSE, NY 13209
EPA ID: NY0000202135
Mailing address: BRIDGE ST
SYRACUSE, NY 13209
Contact: KEVIN COLLINS
Contact address: BRIDGE ST
SYRACUSE, NY 13209
Contact country: US
Contact telephone: (315) 488-6543
Contact email: Not reported
EPA Region: 02
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Actual:
388 ft.

Owner/Operator Summary:

Owner/operator name: ONONDAGA COGENERATION LTD PART
Owner/operator address: ONE UPPER POND RD
PARSIPPANY, NJ 07054
Owner/operator country: US
Owner/operator telephone: (201) 263-6913
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported
Owner/operator name: ONONDAGA COGENERATION LTD PART
Owner/operator address: ONE UPPER POND RD
PARSIPPANY, NJ 07054
Owner/operator country: US

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ONONDAGA COGENERATION LTD PART (Continued)

1000889971

Owner/operator telephone: (201) 263-6913
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler accessibility indicator: Transferred to the program or state equivalent.

Handler Activities Summary:

U.S. importer of hazardous waste: Unknown
Mixed waste (haz. and radioactive): Unknown
Recycler of hazardous waste: No
Transporter of hazardous waste: Unknown
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: Unknown
Furnace exemption: Unknown
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Commercial status unknown

Historical Generators:

Date form received by agency: 01/01/2006
Facility name: ONONDAGA COGENERATION LTD PART
Classification: Not a generator, verified

Date form received by agency: 04/06/1994
Facility name: ONONDAGA COGENERATION LTD PART
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110000325639

Environmental Interest/Information System
Not reported

AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.

CAMDBS (Clean Air Markets Division Business System) is a national information system that supports the implementation of market-based

ONONDAGA COGENERATION LTD PART (Continued)

1000889971

air pollution control programs administered by the Clean Air Markets Division, within the Office of Air and Radiation. These programs include the Acid Rain Program, established by Title IV of the Clean Air Act Amendments of 1990, and regional programs designed reduce the transport of ozone. These emissions trading programs allows regulated facilities (primarily electric utilities) to adopt the most cost-effective strategies to reduce emissions at their units. Units that reduce their emissions below the number of allowances they hold -- each allowance is equivalent to one ton of sulfur dioxide or nitrogen oxides -- may trade allowances with other units in their system, sell them to other utilities on the open market or through EPA auctions, or bank them to cover emissions in future years. CAMDBS functions include registering responsible officials, establishing allowance accounts, reporting hourly emissions data, and transferring allowances between accounts.

The NEI (National Emissions Inventory) database contains information on stationary and mobile sources that emit criteria air pollutants and their precursors, as well as hazardous air pollutants (HAPs).

US EPA TRIS (Toxics Release Inventory System) contains information from facilities on the amounts of over 300 listed toxic chemicals that these facilities release directly to air, water, land, or that are transported off-site.

US Emissions & Generation Resource Database (EGRID) contains data on emissions and resource mix for virtually every power plant and company that generates electricity in the United States.

US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

FIS (New York - Facility Information System) is New York's Department of Environmental Conservation (DEC) information system for tracking environmental facility information found across the State.

ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and

Map ID
Direction
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ONONDAGA COGENERATION LTD PART (Continued)

1000889971

it Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

PCS (Permit Compliance System) is a computerized management information system that contains data on National Pollutant Discharge Elimination System (NPDES) permit holding facilities. PCS tracks the permit, compliance, and enforcement status of NPDES facilities.

US EPA Risk Management Plan (RMP) database stores the risk management plans reported by companies that handle, manufacture, use, or store certain flammable or toxic substances, as required under section 112(r) of the Clean Air Act (CAA).

HIST AST:

PBS Number: 7-600185
SWIS Code: 3132
Operator: GREG STONE
Facility Phone: (315) 488-6543
Facility Addr2: Not reported
Facility Type: UTILITY
Emergency: GREG STONE
Emergency Tel: (315) 598-3228
Old PBSNO: Not reported
Date Inspected: Not reported
Inspector: Not reported
Result of Inspection: Not reported
Owner Name: ONONDAGA COGENERATION LTD. PARTNERSHIP
Owner Address: ONE UPPER POND RD.
Owner City,St,Zip: PARSIPPANY, NJ 07054
Federal ID: Not reported
Owner Tel: (973) 263-6913
Owner Type: Corporate/Commercial
Owner Subtype: Not reported
Mailing Contact: THOMAS GRACE
Mailing Name: ONONDAGA COGENERATION LTD. PARTNERSHIP
Mailing Address: C\O AQUILA
Mailing Address 2: ONE UPPER POND RD.
Mailing City,St,Zip: PARSIPPANY, NJ 07054
Mailing Telephone: (973) 263-6913
Owner Mark: First Owner
Facility Status: 1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.

Certification Flag: False
Certification Date: 01/23/2001
Expiration: 07/12/2003
Renew Flag: False
Renew Date: Not reported
Total Capacity: 375535
FAMT: True
Facility Screen: No Missing Data
Owner Screen: No Missing Data

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ONONDAGA COGENERATION LTD PART (Continued)

1000889971

Tank Screen: No Missing Data
Dead Letter: False
CBS Number: Not reported
Town or City: GEDDES
County Code: 31
Town or City Code: 32
Region: 7

Tank ID: 001
Tank Location: ABOVEGROUND
Tank Status: In Service
Install Date: 19930701
Capacity (Gal): 375000
Product Stored: NOS 1,2, OR 4 FUEL OIL
Tank Type: Steel/carbon steel
Tank Internal: 1
Tank External: 01
Pipe Location: Aboveground/Underground Combination
Pipe Type: STEEL/IRON
Pipe Internal: None
Pipe External: 31
Tank Containment: 58
Leak Detection: 05
Overfill Protection: 24
Dispenser Method: Gravity
Date Tested: Not reported
Next Test Date: Not reported
Missing Data for Tank: No Missing Data
Date Closed: Not reported
Test Method: Not reported
Deleted: False
Updated: True
SPDES Number: 0-231860
Lat/Long: Not reported

Tank ID: 002
Tank Location: ABOVEGROUND ON SADDLES LEGS, STILTS, RACK, OR CRADLE
Tank Status: In Service
Install Date: 19930701
Capacity (Gal): 285
Product Stored: NOS 1,2, OR 4 FUEL OIL
Tank Type: Steel/carbon steel
Tank Internal: 0
Tank External: 01
Pipe Location: Aboveground
Pipe Type: STEEL/IRON
Pipe Internal: None
Pipe External: 01
Tank Containment: 08
Leak Detection: 00
Overfill Protection: 04
Dispenser Method: Gravity
Date Tested: Not reported
Next Test Date: Not reported
Missing Data for Tank: No Missing Data
Date Closed: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ONONDAGA COGENERATION LTD PART (Continued)

1000889971

Test Method: Not reported
Deleted: False
Updated: True
SPDES Number: 0-231860
Lat/Long: Not reported

Tank ID: 003
Tank Location: ABOVEGROUND
Tank Status: In Service
Install Date: 19940201
Capacity (Gal): 250
Product Stored: NOS 1,2, OR 4 FUEL OIL
Tank Type: Other
Tank Internal: 0
Tank External: 01
Pipe Location: Aboveground
Pipe Type: STEEL/IRON
Pipe Internal: None
Pipe External: 01
Tank Containment: 08
Leak Detection: 06
Overfill Protection: 49
Dispenser Method: Suction
Date Tested: Not reported
Next Test Date: Not reported
Missing Data for Tank: No Missing Data
Date Closed: Not reported
Test Method: Not reported
Deleted: False
Updated: True
SPDES Number: 0-231860
Lat/Long: Not reported

BROWNFIELDS:

Program: BCP
Site Code: 416454
Site Description: This is a new BCP Application that pertains to the property located at 300 and 320 Bridge Street, Syracuse, Onondaga County. This site is approximately 14.77 acres in size. The site is currently idle and is in an area that is known for heavy industrial use dating back to the late 1800s. The intended use is industrial. Known or suspected contaminants at this site are petroleum, chlorinated solvents, SVOCs, metals, and PCBs. These contaminants are potentially impacting the soil and groundwater. Soil gas is also a concern. This BCP Application is currently under review and the Department of Environmental Conservation will determine the eligibility.
Env Problem: Information submitted with the BCP application regarding the environmental conditions at the site are currently under review and will be revised as additional information becomes available. More information regarding the site can be found in the documents placed in the Site Document Repository.
Health Problem: Information submitted with the BCP application regarding the conditions at the site are currently under review and will be revised as additional information becomes available.

MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

137
 East
 > 1
 1.733 mi.
 9152 ft.

**CARBONE PONTIAC
 HIAWATHA & STATE FAIR
 SYRACUSE, NY**

**LTANKS S105054357
 HIST LTANKS N/A**

**Relative:
 Lower**

LTANKS:

Site ID: 118566
 Spill No: 9011029
 Spill Date: 1/16/1991
 Spill Cause: Tank Failure
 Spill Source: Commercial/Industrial
 Spill Class: Known release with minimal potential for fire or hazard. DEC Response.
 Willing Responsible Party. Corrective action taken.

**Actual:
 376 ft.**

Spill Closed Dt: 1/31/1991
 Facility Addr2: Not reported
 Cleanup Ceased: 1/31/1991
 Cleanup Meets Standard: True
 SWIS: 3415
 Investigator: ROMOCKI
 Referred To: Not reported
 Reported to Dept: 1/16/1991
 CID: Not reported
 Water Affected: Not reported
 Spill Notifier: DEC
 Last Inspection: Not reported
 Recommended Penalty: Penalty Not Recommended
 UST Involvement: True
 Remediation Phase: 0
 Date Entered In Computer: 1/26/1991
 Spill Record Last Update: 1/31/1991
 Spiller Name: Not reported
 Spiller Company: CARBONE PONT
 Spiller Address: 959 W HIAWATHA
 Spiller City,St,Zip: SYRACUSE, NY
 Spiller County: 001
 Spiller Contact: Not reported
 Spiller Phone: Not reported
 Spiller Extention: Not reported
 DEC Region: 7
 DER Facility ID: 103034
 DEC Memo: Prior to Sept, 2004 data translation this spill Lead_DEC Field was

Remarks:

"MR" 01/31/91: CONTAMINATED SOIL EXCAVATED FROM TANK AREA. CLAY SURROUNDING TANKS APPEARED TO CONTAIN SPILL.
 CONTAMINATED SOIL SEEN AT TANK REMOVAL.

Material:

Site ID: 118566
 Operable Unit ID: 951226
 Operable Unit: 01
 Material ID: 431124
 Material Code: 0009
 Material Name: Gasoline
 Case No.: Not reported
 Material FA: Petroleum
 Quantity: 10
 Units: Gallons
 Recovered: 5
 Resource Affected: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CARBONE PONTIAC (Continued)

S105054357

Oxygenate: False

Tank Test:

Site ID: Not reported
Spill Tank Test: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate: Not reported
Gross Fail: Not reported
Modified By: Not reported
Last Modified: Not reported
Test Method: Not reported

HIST LTANKS:

Region of Spill: 7
Spill Number: 9011029
Spill Date: 01/16/1991
Spill Time: 13:00
Spill Cause: Tank Failure
Resource Affectd: Groundwater
Water Affected: Not reported
Spill Source: Other Commercial/Industrial
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.
Willing Responsible Party. Corrective action taken.

Spill Closed Dt: 01/31/91
Cleanup Ceased: 01/31/91
Cleanup Meets Standard: True
Investigator: MR
Caller Name: Not reported
Caller Agency: Not reported
Caller Phone: Not reported
Caller Extension: Not reported
Notifier Name: Not reported
Notifier Agency: Not reported
Notifier Phone: Not reported
Notifier Extension: Not reported
Reported to Department Date: 01/16/91
Reported to Department Time: 15:00
SWIS: 31
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
Spiller Name: CARBONE PONT
Spiller Address: 959 W HIAWATHA
Spiller City,St,Zip: SYRACUSE, NY
Spiller Cleanup Date: 01/17/91
Facility Contact: Not reported
Facility Phone: (315) 474-4855
Facility Extention: Not reported
Spill Notifier: DEC
PBS Number: Not reported
Last Inspection: / /
Recommended Penalty: Penalty Not Recommended
Enforcement Date: / /

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CARBONE PONTIAC (Continued)

S105054357

Investigation Complete: 01/25/91
UST Involvement: True
Date Region Sent Summary to Central Office: / /
Corrective Action Plan Submitted: 01/25/91
Date Spill Entered In Computer Data File: 01/26/91
Time Spill Entered In Computer Data File: Not reported
Spill Record Last Update: 01/31/91
Is Updated: False

Tank:

PBS Number: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported

Material:

Material Class Type: Petroleum
Quantity Spilled: 10
Unkonwn Quantity Spilled: False
Units: Gallons
Quantity Recovered: 5
Unkonwn Quantity Recovered: False
Material: GASOLINE
Class Type: GASOLINE
Times Material Entry In File: 21329
CAS Number: Not reported
Last Date: 19940929
DEC Remarks: 01/31/91: CONTAMINATED SOIL EXCAVATED FROM TANK AREA. CLAY SURROUNDING TANKS APPEARED TO CONTAIN SPILL.
Spill Cause: CONTAMINATED SOIL SEEN AT TANK REMOVAL.

138
ESE
> 1
1.736 mi.
9164 ft.

**MILTON AVE
2239 MILTON AVE.
SOLVAY, NY**

**LTANKS S102677565
HIST LTANKS N/A**

**Relative:
Higher**

LTANKS:

Site ID: 144771
Spill No: 8607187
Spill Date: 2/24/1987
Spill Cause: Tank Overfill
Spill Source: Gasoline Station
Spill Class: Known release that creates potential for fire or hazard. DEC Response. Unable/unwilling Responsible Party. Corrective action taken. (ISR)
Spill Closed Dt: 2/27/1996
Facility Addr2: Not reported
Cleanup Ceased: 2/20/1996
Cleanup Meets Standard: False
SWIS: 3400
Investigator: RJBRAZEL
Referred To: Not reported
Reported to Dept: 2/24/1987
CID: Not reported
Water Affected: Not reported
Spill Notifier: Local Agency

**Actual:
434 ft.**

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MILTON AVE (Continued)

S102677565

Last Inspection: Not reported
Recommended Penalty: Penalty Not Recommended
UST Involvement: True
Remediation Phase: 0
Date Entered In Computer: 3/5/1987
Spill Record Last Update: 3/29/2005
Spiller Name: Not reported
Spiller Company: JOHN F. PALLOTTA
Spiller Address: 2123 MILTON AVE.
Spiller City,St,Zip: SOLVAY, NY 13209
Spiller County: 001
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
DEC Region: 7
DER Facility ID: 123393
DEC Memo: Prior to Sept, 2004 data translation this spill Lead_DEC Field was "RB" // : RATION. . AUTO-SKIMMER BAILED WELL TILL NO PRODUCT REMAINS. RE-INJECT WATER TO RECOVERY WELL FOR CONVENIENCE. NO DRAWDOWN. NO PRODUCT INFILT. // : RATION. . POLLUTION ENTERPRISES, INC. HIRED ON 04/02/87 WATER TO RECOVERY WELL FOR CONVENIENCE. NO DRAWDOWN. NO PRODUCT INFILT. 04/20/91: SITE VISIT IS NEEDED TO SEE IF BUILDINGS NEXT DOOR ARE BEING IMPACTED. SPILLER DENIED ACCESS TO HIS PROPERTY ON 2/8/90. 03/02/00:FINAL ISR SENT TO ALBANY
Remarks: GAS ODOR IN BASEMENT. RECOVER SYSTEM INACTIVE AT MOBIL STATION WITH 2-1/2" PRODUCT ON SURFACE. FANNY ASCOTTI, CITIZEN 468-6863.

Material:

Site ID: 144771
Operable Unit ID: 903861
Operable Unit: 01
Material ID: 562493
Material Code: 0009
Material Name: Gasoline
Case No.: Not reported
Material FA: Petroleum
Quantity: 0
Units: Pounds
Recovered: No
Resource Affected: Not reported
Oxygenate: True
Site ID: 144771
Operable Unit ID: 903861
Operable Unit: 01
Material ID: 572217
Material Code: 1213A
Material Name: MTBE (METHYL-TERT-BUTYL ETHER)
Case No.: 01634044
Material FA: Hazardous Material
Quantity: Not reported
Units: Not reported
Recovered: Not reported
Resource Affected: Not reported
Oxygenate: True

Tank Test:

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MILTON AVE (Continued)

S102677565

Site ID: 144771
Spill Tank Test: 1530598
Tank Number: Not reported
Tank Size: 0
Test Method: 00
Leak Rate: 0
Gross Fail: Not reported
Modified By: Spills
Last Modified: 10/1/2004
Test Method: Unknown

HIST LTANKS:

Region of Spill: 7
Spill Number: 8607187
Spill Date: 02/24/1987
Spill Time: 12:00
Spill Cause: Tank Overfill
Resource Affectd: Groundwater
Water Affected: Not reported
Spill Source: Gas Station
Spill Class: Known release that creates potential for fire or hazard. DEC Response. Unable/unwilling Responsible Party. Corrective action taken. (ISR)
Spill Closed Dt: 02/27/96
Cleanup Ceased: 02/20/96
Cleanup Meets Standard: False
Investigator: RB
Caller Name: Not reported
Caller Agency: Not reported
Caller Phone: Not reported
Caller Extension: Not reported
Notifier Name: Not reported
Notifier Agency: Not reported
Notifier Phone: Not reported
Notifier Extension: Not reported
Reported to Department Date: 02/24/87
Reported to Department Time: 12:00
SWIS: 31
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
Spiller Name: JOHN F. PALLOTTA
Spiller Address: 2123 MILTON AVE.
Spiller City,St,Zip: SOLVAY, NY 13209
Spiller Cleanup Date: / /
Facility Contact: Not reported
Facility Phone: (315) 488-6905
Facility Extention: Not reported
Spill Notifier: Local Agency
PBS Number: Not reported
Last Inspection: / /
Recommended Penalty: Penalty Not Recommended
Enforcement Date: / /
Investigation Complete: / /
UST Involvement: True
Date Region Sent Summary to Central Office: 02/02/94
Corrective Action Plan Submitted: / /

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

MILTON AVE (Continued)

S102677565

Date Spill Entered In Computer Data File: 03/05/87
 Time Spill Entered In Computer Data File: Not reported
 Spill Record Last Update: 03/03/00
 Is Updated: False

Tank:

PBS Number: Not reported
 Tank Number: Not reported
 Tank Size: Not reported
 Test Method: Not reported
 Leak Rate Failed Tank: Not reported
 Gross Leak Rate: Not reported

Material:

Material Class Type: Petroleum
 Quantity Spilled: 0
 Unkonwn Quantity Spilled: False
 Units: Pounds
 Quantity Recovered: 0
 Unkonwn Quantity Recovered: False
 Material: GASOLINE
 Class Type: GASOLINE
 Times Material Entry In File: 21329
 CAS Number: Not reported
 Last Date: 19940929

DEC Remarks: / / : RATION. . AUTO-SKIMMER BAILED WELL TILL NO PRODUCT REMAINS. RE-INJECT WATER TO RECOVERY WELL FOR CONVENIENCE. NO DRAWDOWN. NO PRODUCT INFILT. / / : RATION. . POLLUTION ENTERPRISES, INC. HIRED ON 04/02/87 WATER TO RECOVERY WELL FOR CONVENIENCE. NO DRAWDOWN. NO PRODUCT INFILT. 04/20/91: SITE VISIT IS NEEDED TO SEE IF BUILDINGS NEXT DOOR ARE BEING IMPACTED. SPILLER DENIED ACCESS TO HIS PROPERTY ON 2/8/90. 03/02/00:FINAL ISR SENT TO ALBANY

Spill Cause: GAS ODOR IN BASEMENT. RECOVER SYSTEM INACTIVE AT MOBIL STATION WITH 2-1/2 PRODUCT ON SURFACE. FANNY ASCOTTI, CITIZEN 468-6863.

AD139
North
> 1
1.739 mi.
9182 ft.

QUICKWAY
915 STATE FAIR BLVD
SYRACUSE, NY
Site 1 of 3 in cluster AD

LTANKS **1002615927**
HIST LTANKS **N/A**
NY Spills
NY Hist Spills

Relative:
Higher

LTANKS:

Site ID: 75900
 Spill No: 0005833
 Spill Date: 8/15/2000
 Spill Cause: Tank Failure
 Spill Source: Gasoline Station
 Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
 Spill Closed Dt: 8/15/2000
 Facility Addr2: Not reported
 Cleanup Ceased: Not reported
 Cleanup Meets Standard: False
 SWIS: 3415
 Investigator: BFMATTHE
 Referred To: Not reported
 Reported to Dept: 8/15/2000
 CID: 281
 Water Affected: Not reported

Actual:
422 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

QUICKWAY (Continued)

1002615927

Spill Notifier: Affected Persons
Last Inspection: Not reported
Recommended Penalty: Penalty Not Recommended
UST Involvement: True
Remediation Phase: 0
Date Entered In Computer: 8/15/2000
Spill Record Last Update: 8/17/2000
Spiller Name: Not reported
Spiller Company: CUSTOMER
Spiller Address: UNK
Spiller City,St,Zip: UNK, ZZ
Spiller County: 001
Spiller Contact: JOHN GARRISON
Spiller Phone: (315) 487-9157
Spiller Extention: Not reported
DEC Region: 7
DER Facility ID: 71017
DEC Memo: Prior to Sept, 2004 data translation this spill Lead_DEC Field was "BM" 08/15/00: NO DRAINS OR WATERWAYS AFFECTED. SPEEDI-DRY PUT DOWN BY FD- CLEANED UP BY QUICKWAY AND DISPOSED OF BY FD.
Remarks: CUSTOMER OVERFILLED TANK AT ABOVE LOCATION. FIRE DEPT RESPONDED AND ALL MATERIAL WAS RECOVERED. NO CALL BACK REQUESTED.

Material:
Site ID: 75900
Operable Unit ID: 826805
Operable Unit: 01
Material ID: 546976
Material Code: 0008
Material Name: Diesel
Case No.: Not reported
Material FA: Petroleum
Quantity: 2
Units: Gallons
Recovered: 2
Resource Affected: Not reported
Oxygenate: False

Tank Test:
Site ID: Not reported
Spill Tank Test: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate: Not reported
Gross Fail: Not reported
Modified By: Not reported
Last Modified: Not reported
Test Method: Not reported

HIST LTANKS:
Region of Spill: 7
Spill Number: 0005833
Spill Date: 08/15/2000
Spill Time: 10:45

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

QUICKWAY (Continued)

1002615927

Spill Cause: Tank Failure
Resource Affectd: On Land
Water Affected: Not reported
Spill Source: Gas Station
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.
Willing Responsible Party. Corrective action taken.
Spill Closed Dt: 08/15/00
Cleanup Ceased: / /
Cleanup Meets Standard: False
Investigator: BM
Caller Name: Not reported
Caller Agency: Not reported
Caller Phone: Not reported
Caller Extension: Not reported
Notifier Name: Not reported
Notifier Agency: Not reported
Notifier Phone: Not reported
Notifier Extension: Not reported
Reported to Department Date: 08/15/00
Reported to Department Time: 15:00
SWIS: 31
Spiller Contact: JOHN GARRISON
Spiller Phone: (315) 487-9157
Spiller Extention: Not reported
Spiller Name: CUSTOMER
Spiller Address: UNK
Spiller City,St,Zip: UNK
Spiller Cleanup Date: / /
Facility Contact: Not reported
Facility Phone: Not reported
Facility Extention: Not reported
Spill Notifier: Affected Persons
PBS Number: Not reported
Last Inspection: / /
Recommended Penalty: Penalty Not Recommended
Enforcement Date: / /
Investigation Complete: / /
UST Involvement: True
Date Region Sent Summary to Central Office: / /
Corrective Action Plan Submitted: / /
Date Spill Entered In Computer Data File: 08/15/00
Time Spill Entered In Computer Data File: Not reported
Spill Record Last Update: 08/17/00
Is Updated: False

Tank:
PBS Number: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported

Material:
Material Class Type: Petroleum
Quantity Spilled: 2
Unkonwn Quantity Spilled: False

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

QUICKWAY (Continued)

1002615927

Units: Gallons
Quantity Recovered: 2
Unkonwn Quantity Recovered: False
Material: DIESEL
Class Type: DIESEL
Times Material Entry In File: 10625
CAS Number: Not reported
Last Date: 19940728
DEC Remarks: 08/15/00: NO DRAINS OR WATERWAYS AFFECTED. SPEEDI-DRY PUT DOWN BY FD- CLEANED UP BY QUICKWAY AND DISPOSED OF BY FD.
Spill Cause: CUSTOMER OVERFILLED TANK AT ABOVE LOCATION. FIRE DEPT RESPONDED AND ALL MATERIAL WAS RECOVERED. NO CALL BACK REQUESTED.

NY Spills:

Site ID: 75901
Facility Addr2: Not reported
Facility ID: 0007405
Spill Number: 0007405
Facility Type: ER
SWIS: 3415
Investigator: CXROSSI
Referred To: Not reported
Spill Date: 9/24/2000
Reported to Dept: 9/24/2000
CID: 389
Spill Cause: Equipment Failure
Water Affected: Not reported
Spill Source: Gasoline Station
Spill Notifier: Fire Department
Cleanup Ceased: Not reported
Cleanup Meets Std: True
Last Inspection: 9/25/2000
Recommended Penalty: Penalty Not Recommended
UST Trust: True
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt: 6/3/2002
Remediation Phase: 0
Date Entered In Computer: 9/24/2000
Spill Record Last Update: 6/3/2002
Spiller Name: KAPLOW
Spiller Company: BRUCE KAPLOW
Spiller Address: 74 DEVOE RD
Spiller City,St,Zip: CHEPPAQUA, NY 10514-
Spiller Company: 001
Contact Name: DAN HENKEN
Contact Phone: (607) 561-2720
DEC Region: 7
DER Facility ID: 71017
DEC Memo: Prior to Sept, 2004 data translation this spill Lead_DEC Field was "CTR" REFERRED TO LAW ENFORCEMENT. CASE ASSIGNED TO DONK. STORE HIRED OPTEC TO CONTINUE CLEAN UP. STORE WILL SEEK REIMBURSEMENT FROM SPILLER.
Remarks: caller reporting a spill of material from possibly a pump unk exactly at this time product is contained and no callback is necessary

Material:

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

QUICKWAY (Continued)

1002615927

Site ID: 75901
Operable Unit ID: 830039
Operable Unit: 01
Material ID: 544945
Material Code: 0008
Material Name: Diesel
Case No.: Not reported
Material FA: Petroleum
Quantity: 15
Units: Gallons
Recovered: 15
Resource Affected: Not reported
Oxygenate: False

Tank Test:

Site ID: Not reported
Spill Tank Test: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate: Not reported
Gross Fail: Not reported
Modified By: Not reported
Last Modified: Not reported
Test Method: Not reported

NY Hist Spills:

Region of Spill: 7
Spill Number: 0007405
Investigator: CTR
Caller Name: Not reported
Caller Agency: Not reported
Caller Phone: Not reported
Notifier Name: Not reported
Notifier Agency: Not reported
Notifier Phone: Not reported
Spill Date/Time: 09/24/2000 16:19
Reported to Dept Date/Time: 09/24/00 16:45
SWIS: 31
Spiller Name: BRUCE KAPLOW
Spiller Contact: KAPLOW
Spiller Phone: (914) 238-9230
Spiller Contact: DAN HENKEN
Spiller Phone: (607) 561-2720
Spiller Address: 74 DEVOE RD
Spiller City,St,Zip: CHEPPAQUA, NY 10514-
Spill Cause: Equipment Failure
Reported to Dept: On Land
Water Affected: Not reported
Spill Source: 05
Spill Notifier: Fire Department
PBS Number: Not reported
Cleanup Ceased: / /
Cleanup Meets Std: False
Last Inspection: 09/25/00

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

QUICKWAY (Continued)

1002615927

Recommended Penalty: Penalty Not Recommended
 Spiller Cleanup Dt: / /
 Enforcement Date: / /
 Invstgn Complete: / /
 UST Involvement: True
 Spill Class: Known release with minimal potential for fire or hazard. DEC Response.
 Willing Responsible Party. Corrective action taken.
 Spill Closed Dt: / /
 Corrective Action Plan Submitted: / /
 Date Region Sent Summary to Central Office: / /
 Date Spill Entered In Computer Data File: 09/24/00
 Date Spill Entered In Computer Data File: Not reported
 Update Date: 09/29/00
 Is Updated: False

Tank:
 PBS Number: Not reported
 Tank Number: Not reported
 Tank Size: Not reported
 Test Method: Not reported
 Leak Rate Failed Tank: Not reported
 Gross Leak Rate: Not reported

Material:
 Material Class Type: Petroleum
 Quantity Spilled: 15
 Unkonwn Quantity Spilled: False
 Units: Gallons
 Quantity Recovered: 15
 Unkonwn Quantity Recovered: False
 Material: DIESEL
 Class Type: DIESEL
 Times Material Entry In File: 10625
 CAS Number: Not reported
 Last Date: 19940728
 DEC Remarks: REFERRED TO LAW ENFORCEMENT. CASE ASSIGNED TO DONK. STORE HIRED OPTEC TO
 CONTINUE CLEAN UP. STORE WILL SEEK REIMBURSEMENT FROM SPILLER.
 Remark: caller reporting a spill of material from possibly a pump unk exactly at this
 time product is contained and no callback is necessary

AD140
North
 > 1
 1.739 mi.
 9182 ft.

DORCO
915 STATE FAIR BLVD
SYRACUSE, NY
Site 2 of 3 in cluster AD

LTANKS **S102166935**
HIST LTANKS **N/A**
NY Spills
NY Hist Spills

Relative:
Higher

LTANKS:
 Site ID: 75903
 Spill No: 9008054
 Spill Date: 10/24/1990
 Spill Cause: Tank Overfill
 Spill Source: Gasoline Station
 Spill Class: Not reported
 Spill Closed Dt: 10/24/1990
 Facility Addr2: Not reported
 Cleanup Ceased: 10/24/1990
 Cleanup Meets Standard: True
 SWIS: 3415
 Investigator: MENASH

Actual:
422 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DORCO (Continued)

S102166935

Referred To: Not reported
Reported to Dept: 10/24/1990
CID: Not reported
Water Affected: Not reported
Spill Notifier: Responsible Party
Last Inspection: Not reported
Recommended Penalty: Penalty Not Recommended
UST Involvement: True
Remediation Phase: 0
Date Entered In Computer: Not reported
Spill Record Last Update: 12/2/2003
Spiller Name: Not reported
Spiller Company: GULF SERVICE STATION
Spiller Address: Not reported
Spiller City,St,Zip: ZZ
Spiller County: 001
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
DEC Region: 7
DER Facility ID: 71017
DEC Memo: Prior to Sept, 2004 data translation this spill Lead_DEC Field was "MN"
Remarks: M&M ENTERPRISE OVERFILLED TANK. PADS AND SPEEDI DRY APPLIED.

Material:

Site ID: 75903
Operable Unit ID: 945258
Operable Unit: 01
Material ID: 431885
Material Code: 0008
Material Name: Diesel
Case No.: Not reported
Material FA: Petroleum
Quantity: 0
Units: Gallons
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:

Site ID: Not reported
Spill Tank Test: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate: Not reported
Gross Fail: Not reported
Modified By: Not reported
Last Modified: Not reported
Test Method: Not reported

HIST LTANKS:

Region of Spill: 7
Spill Number: 9008054

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DORCO (Continued)

S102166935

Spill Date: 10/24/1990
Spill Time: 07:40
Spill Cause: Tank Overfill
Resource Affectd: On Land
Water Affected: Not reported
Spill Source: Gas Station
Spill Class: Not reported
Spill Closed Dt: 10/24/90
Cleanup Ceased: 10/24/90
Cleanup Meets Standard: True
Investigator: MN
Caller Name: Not reported
Caller Agency: Not reported
Caller Phone: Not reported
Caller Extension: Not reported
Notifier Name: Not reported
Notifier Agency: Not reported
Notifier Phone: Not reported
Notifier Extension: Not reported
Reported to Department Date: 10/24/90
Reported to Department Time: 08:10
SWIS: 31
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
Spiller Name: GULF SERVICE STATION
Spiller Address: Not reported
Spiller City,St,Zip: Not reported
Spiller Cleanup Date: / /
Facility Contact: Not reported
Facility Phone: Not reported
Facility Extention: Not reported
Spill Notifier: Responsible Party
PBS Number: Not reported
Last Inspection: / /
Recommended Penalty: Penalty Not Recommended
Enforcement Date: / /
Investigation Complete: / /
UST Involvement: True
Date Region Sent Summary to Central Office: / /
Corrective Action Plan Submitted: / /
Date Spill Entered In Computer Data File: 10/25/90
Time Spill Entered In Computer Data File: Not reported
Spill Record Last Update: / /
Is Updated: False

Tank:

PBS Number: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported

Material:

Material Class Type: Petroleum
Quantity Spilled: 0

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DORCO (Continued)

S102166935

Unkonwn Quantity Spilled: False
Units: Gallons
Quantity Recovered: 0
Unkonwn Quantity Recovered: False
Material: DIESEL
Class Type: DIESEL
Times Material Entry In File: 10625
CAS Number: Not reported
Last Date: 19940728
DEC Remarks: Not reported
Spill Cause: M M ENTERPRISE OVERFILLED TANK. PADS AND SPEEDI DRY APPLIED.

NY Spills:

Site ID: 226675
Facility Addr2: Not reported
Facility ID: 9012259
Spill Number: 9012259
Facility Type: ER
SWIS: 3415
Investigator: ROMOCKI
Referred To: Not reported
Spill Date: 2/26/1991
Reported to Dept: 2/26/1991
CID: Not reported
Spill Cause: Human Error
Water Affected: Not reported
Spill Source: Gasoline Station
Spill Notifier: Responsible Party
Cleanup Ceased: 2/26/1991
Cleanup Meets Std: True
Last Inspection: Not reported
Recommended Penalty: Penalty Not Recommended
UST Trust: False
Spill Class: Not reported
Spill Closed Dt: 2/28/1991
Remediation Phase: 0
Date Entered In Computer: 2/26/1991
Spill Record Last Update: 2/28/1991
Spiller Name: Not reported
Spiller Company: DORCO
Spiller Address: 21 DWIGHT PARK DR.
Spiller City,St,Zip: SYRACUSE, NY
Spiller Company: 001
Contact Name: Not reported
Contact Phone: Not reported
DEC Region: 7
DER Facility ID: 71017
DEC Memo: Prior to Sept, 2004 data translation this spill Lead_DEC Field was "MR" 02/28/91: CLEAN UP BY A CREW FROM DORCO CAME TO THE STATION TO CLEAN UP THE SPEEDI-DRY PUT DOWN BY THE FIRE DEPT.
Remarks: OVERFILL AT GAS STATION BY DRIVER.

Material:

Site ID: 226675
Operable Unit ID: 949277
Operable Unit: 01
Material ID: 428764

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DORCO (Continued)

S102166935

Material Code: 0009
Material Name: Gasoline
Case No.: Not reported
Material FA: Petroleum
Quantity: 4
Units: Gallons
Recovered: 4
Resource Affected: Not reported
Oxygenate: False

Tank Test:

Site ID: Not reported
Spill Tank Test: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate: Not reported
Gross Fail: Not reported
Modified By: Not reported
Last Modified: Not reported
Test Method: Not reported

NY Hist Spills:

Region of Spill: 7
Spill Number: 9012259
Investigator: MR
Caller Name: Not reported
Caller Agency: Not reported
Caller Phone: Not reported
Notifier Name: Not reported
Notifier Agency: Not reported
Notifier Phone: Not reported
Spill Date/Time: 02/26/1991 07:45
Reported to Dept Date/Time: 02/26/91 08:08
SWIS: 31
Spiller Name: DORCO
Spiller Contact: Not reported
Spiller Phone: (315) 453-7733
Spiller Address: 21 DWIGHT PARK DR.
Spiller City,St,Zip: SYRACUSE, NY
Spill Cause: Human Error
Reported to Dept: On Land
Water Affected: Not reported
Spill Source: 05
Spill Notifier: Responsible Party
PBS Number: Not reported
Cleanup Ceased: 02/26/91
Cleanup Meets Std: True
Last Inspection: / /
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Dt: / /
Enforcement Date: / /
Invstgn Complete: / /
UST Involvement: False
Spill Class: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DORCO (Continued)

S102166935

Spill Closed Dt: 02/28/91
Corrective Action Plan Submitted: / /
Date Region Sent Summary to Central Office: / /
Date Spill Entered In Computer Data File: 02/26/91
Date Spill Entered In Computer Data File: Not reported
Update Date: 02/28/91
Is Updated: False

Tank:

PBS Number: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported

Material:

Material Class Type: Petroleum
Quantity Spilled: 4
Unkonwn Quantity Spilled: False
Units: Gallons
Quantity Recovered: 4
Unkonwn Quantity Recovered: False
Material: GASOLINE
Class Type: GASOLINE
Times Material Entry In File: 21329
CAS Number: Not reported
Last Date: 19940929
DEC Remarks: 02/28/91: CLEAN UP BY A CREW FROM DORCO CAME TO THE STATION TO CLEAN UP THE SPEEDI-DRY PUT DOWN BY THE FIRE DEPT.
Remark: OVERFILL AT GAS STATION BY DRIVER.

AD141 MAHIMA ONE CORP
North 915 STATE FAIR BLVD
> 1 SYRACUSE, NY 13209
1.739 mi.
9182 ft. Site 3 of 3 in cluster AD

LTANKS U003313683
HIST LTANKS N/A
UST
HIST UST
AST
NY Spills
NY Hist Spills

**Relative:
Higher**

**Actual:
422 ft.**

LTANKS:
Site ID: 75902
Spill No: 8906547
Spill Date: 10/4/1989
Spill Cause: Tank Overfill
Spill Source: Passenger Vehicle
Spill Class: Not reported
Spill Closed Dt: 10/4/1989
Facility Addr2: Not reported
Cleanup Ceased: 10/4/1989
Cleanup Meets Standard: True
SWIS: 3415
Investigator: GREGG
Referred To: Not reported
Reported to Dept: 10/4/1989
CID: Not reported
Water Affected: Not reported
Spill Notifier: Responsible Party
Last Inspection: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MAHIMA ONE CORP (Continued)

U003313683

Recommended Penalty: Penalty Not Recommended
UST Involvement: True
Remediation Phase: 0
Date Entered In Computer: Not reported
Spill Record Last Update: 12/2/2003
Spiller Name: Not reported
Spiller Company: UNKNOWN
Spiller Address: Not reported
Spiller City,St,Zip: NY
Spiller County: 999
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extension: Not reported
DEC Region: 7
DER Facility ID: 71017
DEC Memo: Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TG"
Remarks: PUMP DID NOT SHUT OFF. CLEANED UP W/ SPEEDI DRY. NO ENVIR PROBLEM.

Material:

Site ID: 75902
Operable Unit ID: 934327
Operable Unit: 01
Material ID: 446960
Material Code: 0009
Material Name: Gasoline
Case No.: Not reported
Material FA: Petroleum
Quantity: 1
Units: Gallons
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:

Site ID: Not reported
Spill Tank Test: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate: Not reported
Gross Fail: Not reported
Modified By: Not reported
Last Modified: Not reported
Test Method: Not reported

HIST LTANKS:

Region of Spill: 7
Spill Number: 8906547
Spill Date: 10/04/1989
Spill Time: 06:30
Spill Cause: Tank Overfill
Resource Affectd: On Land
Water Affected: Not reported
Spill Source: Passenger Vehicle

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MAHIMA ONE CORP (Continued)

U003313683

Spill Class: Not reported
Spill Closed Dt: 10/04/89
Cleanup Ceased: 10/04/89
Cleanup Meets Standard: True
Investigator: TG
Caller Name: Not reported
Caller Agency: Not reported
Caller Phone: Not reported
Caller Extension: Not reported
Notifier Name: Not reported
Notifier Agency: Not reported
Notifier Phone: Not reported
Notifier Extension: Not reported
Reported to Department Date: 10/04/89
Reported to Department Time: 06:38
SWIS: 31
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
Spiller Name: UNKNOWN
Spiller Address: Not reported
Spiller City,St,Zip: Not reported
Spiller Cleanup Date: / /
Facility Contact: Not reported
Facility Phone: Not reported
Facility Extention: Not reported
Spill Notifier: Responsible Party
PBS Number: Not reported
Last Inspection: / /
Recommended Penalty: Penalty Not Recommended
Enforcement Date: / /
Investigation Complete: / /
UST Involvement: True
Date Region Sent Summary to Central Office: / /
Corrective Action Plan Submitted: / /
Date Spill Entered In Computer Data File: 11/07/89
Time Spill Entered In Computer Data File: Not reported
Spill Record Last Update: / /
Is Updated: False

Tank:

PBS Number: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported

Material:

Material Class Type: Petroleum
Quantity Spilled: 1
Unkonwn Quantity Spilled: False
Units: Gallons
Quantity Recovered: 0
Unkonwn Quantity Recovered: False
Material: GASOLINE
Class Type: GASOLINE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MAHIMA ONE CORP (Continued)

U003313683

Times Material Entry In File: 21329
CAS Number: Not reported
Last Date: 19940929
DEC Remarks: Not reported
Spill Cause: PUMP DID NOT SHUT OFF. CLEANED UP W/ SPEEDI DRY. NO ENVIR PROBLEM.

UST:

Facility Id: 7-431044
Region: STATE
DEC Region: 7
Site Status: Active
Program Type: PBS
Expiration Date: 2013/08/25
UTM X: 398713.8158800001
UTM Y: 4772157.9767899998

Affiliation Records:

Site Id: 45873
Affiliation Type: Mail Contact
Company Name: MAHIMA ONE CORP
Contact Type: Not reported
Contact Name: JAY PATEL
Address1: 915 STATE FAIR BLVD
Address2: Not reported
City: SYRACUSE
State: NY
Zip Code: 13209
Country Code: 001
Phone: (315) 487-9157
Phone Ext: Not reported
Email: MAHIMANY@GMAIL.COM
Fax Number: Not reported
Modified By: KCKEMP
Date Last Modified: 8/25/2008

Site Id: 45873
Affiliation Type: On-Site Operator
Company Name: MAHIMA ONE CORP
Contact Type: Not reported
Contact Name: MAHIMA ONE CORP
Address1: Not reported
Address2: Not reported
City: Not reported
State: NY
Zip Code: Not reported
Country Code: 001
Phone: (315) 487-9157
Phone Ext: Not reported
Email: Not reported
Fax Number: Not reported
Modified By: KCKEMP
Date Last Modified: 11/25/2009

Site Id: 45873
Affiliation Type: Emergency Contact
Company Name: JAGDISHKUMAR PATEL
Contact Type: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MAHIMA ONE CORP (Continued)

U003313683

Contact Name: JAY PATEL
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: (315) 427-3962
Phone Ext: Not reported
Email: Not reported
Fax Number: Not reported
Modified By: KCKEMP
Date Last Modified: 11/25/2009

Site Id: 45873
Affiliation Type: Owner
Company Name: JAGDISHKUMAR PATEL
Contact Type: VICE PRESIDENT
Contact Name: JAY PATEL
Address1: 8434 SMOKEY HOLLOW RD
Address2: Not reported
City: BALDWINVILLE
State: NY
Zip Code: 13027
Country Code: 001
Phone: (315) 635-8767
Phone Ext: Not reported
Email: Not reported
Fax Number: Not reported
Modified By: KCKEMP
Date Last Modified: 11/25/2009

Equipment Records:

C02 - Pipe Location - Underground/On-ground
K01 - Spill Prevention - Catch Basin
B01 - Tank External Protection - Painted/Asphalt Coating
B01 - Tank External Protection - Painted/Asphalt Coating
C02 - Pipe Location - Underground/On-ground
F00 - Pipe External Protection - None
F04 - Pipe External Protection - Fiberglass
I05 - Overfill - Vent Whistle
B02 - Tank External Protection - Original Sacrificial Anode
E00 - Piping Secondary Containment - None
D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
L07 - Piping Leak Detection - Pressurized Piping Leak Detector
I01 - Overfill - Float Vent Valve
G04 - Tank Secondary Containment - Double-Walled (Underground)
A00 - Tank Internal Protection - None
J01 - Dispenser - Submersible
F04 - Pipe External Protection - Fiberglass
F04 - Pipe External Protection - Fiberglass
B01 - Tank External Protection - Painted/Asphalt Coating
H02 - Tank Leak Detection - Interstitial - Manual Monitoring
A00 - Tank Internal Protection - None
J01 - Dispenser - Submersible
C02 - Pipe Location - Underground/On-ground
L02 - Piping Leak Detection - Interstitial - Manual Monitoring

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MAHIMA ONE CORP (Continued)

U003313683

- K01 - Spill Prevention - Catch Basin
- B02 - Tank External Protection - Original Sacrificial Anode
- E00 - Piping Secondary Containment - None
- B01 - Tank External Protection - Painted/Asphalt Coating
- I01 - Overfill - Float Vent Valve
- L02 - Piping Leak Detection - Interstitial - Manual Monitoring
- L07 - Piping Leak Detection - Pressurized Piping Leak Detector
- G04 - Tank Secondary Containment - Double-Walled (Underground)
- H02 - Tank Leak Detection - Interstitial - Manual Monitoring
- D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
- K01 - Spill Prevention - Catch Basin
- B02 - Tank External Protection - Original Sacrificial Anode
- C02 - Pipe Location - Underground/On-ground
- A00 - Tank Internal Protection - None
- B02 - Tank External Protection - Original Sacrificial Anode
- L07 - Piping Leak Detection - Pressurized Piping Leak Detector
- G04 - Tank Secondary Containment - Double-Walled (Underground)
- E00 - Piping Secondary Containment - None
- F04 - Pipe External Protection - Fiberglass
- D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
- K01 - Spill Prevention - Catch Basin
- B01 - Tank External Protection - Painted/Asphalt Coating
- I01 - Overfill - Float Vent Valve
- J01 - Dispenser - Submersible
- A00 - Tank Internal Protection - None
- K00 - Spill Prevention - None
- D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
- G04 - Tank Secondary Containment - Double-Walled (Underground)
- I01 - Overfill - Float Vent Valve
- L07 - Piping Leak Detection - Pressurized Piping Leak Detector
- C01 - Pipe Location - Aboveground
- L02 - Piping Leak Detection - Interstitial - Manual Monitoring
- E00 - Piping Secondary Containment - None
- H02 - Tank Leak Detection - Interstitial - Manual Monitoring
- L02 - Piping Leak Detection - Interstitial - Manual Monitoring
- A00 - Tank Internal Protection - None
- H02 - Tank Leak Detection - Interstitial - Manual Monitoring
- J02 - Dispenser - Suction
- D10 - Pipe Type - Copper
- G10 - Tank Secondary Containment - Impervious Underlayment
- L09 - Piping Leak Detection - Exempt Suction Piping
- H06 - Tank Leak Detection - Impervious Barrier/Concrete Pad (A/G)
- E10 - Piping Secondary Containment - Impervious Underlayment
- J01 - Dispenser - Submersible

Tank Info:

Site ID: 45873

Tank Number: 001
Tank ID: 132381
Tank Status: In Service
Tank Model: 102
Pipe Model: C
Install Date: 12/1/1987
Capacity Gallons: 8000
Tightness Test Method: NN
Next Test Date: Not reported
Date Tank Closed: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MAHIMA ONE CORP (Continued)

U003313683

Tank Location: 5
Tank Type: Steel/carbon steel
Date Test: Not reported
Register: True
Modified By: KCKEMP
Last Modified: 8/25/2008

Site ID: 45873

Tank Number: 002
Tank ID: 132382
Tank Status: In Service
Tank Model: 102
Pipe Model: C
Install Date: 12/1/1987
Capacity Gallons: 6000
Tightness Test Method: NN
Next Test Date: Not reported
Date Tank Closed: Not reported
Tank Location: 5
Tank Type: Steel/carbon steel
Date Test: Not reported
Register: True
Modified By: KCKEMP
Last Modified: 8/25/2008

Site ID: 45873

Tank Number: 003
Tank ID: 132383
Tank Status: In Service
Tank Model: 102
Pipe Model: C
Install Date: 12/1/1987
Capacity Gallons: 6000
Tightness Test Method: NN
Next Test Date: Not reported
Date Tank Closed: Not reported
Tank Location: 5
Tank Type: Steel/carbon steel
Date Test: Not reported
Register: True
Modified By: KCKEMP
Last Modified: 8/25/2008

Site ID: 45873

Tank Number: 004
Tank ID: 132384
Tank Status: In Service
Tank Model: 102
Pipe Model: C
Install Date: 12/1/1987
Capacity Gallons: 3000
Tightness Test Method: NN
Next Test Date: Not reported
Date Tank Closed: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MAHIMA ONE CORP (Continued)

U003313683

Tank Location: 5
Tank Type: Steel/carbon steel
Date Test: Not reported
Register: True
Modified By: KCKEMP
Last Modified: 8/25/2008

HIST UST:

PBS Number: 7-431044
SPDES Number: Not reported
Emergency Contact: JOSEPH P. MIRABITO
Emergency Telephone: (607) 561-2700
Operator: JAMES MIRABITO & SONS, INC.
Operator Telephone: (315) 487-9157
Owner Name: JAMES MIRABITO & SONS, INC.
Owner Address: 44 GRAND ST.
Owner City,St,Zip: SIDNEY, NY 13838
Owner Telephone: (607) 561-2700
Owner Type: Corporate/Commercial
Owner Subtype: Not reported
Mailing Name: JAMES MIRABITO & SONS, INC.
Mailing Address: 44 GRAND ST.
Mailing Address 2: Not reported
Mailing City,St,Zip: SIDNEY, NY 13838
Mailing Contact: JOSEPH P. MIRABITO, PRES.
Mailing Telephone: (607) 561-2700
Owner Mark: Second Owner
Facility Status: 1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.

Facility Addr2: Not reported
SWIS ID: 3115
Old PBS Number: 182222
Facility Type: RETAIL GASOLINE SALES
Inspected Date: Not reported
Inspector: Not reported
Inspection Result: Not reported
Federal ID: Not reported
Certification Flag: False
Certification Date: 02/06/1998
Expiration Date: 02/25/2003
Renew Flag: False
Renewal Date: Not reported
Total Capacity: 23000
FAMT: True
Facility Screen: No Missing Data
Owner Screen: No Missing Data
Tank Screen: No Missing Data
Dead Letter: False
CBS Number: Not reported
Town or City: SYRACUSE (C)
County Code: 31
Town or City: 15
Region: 7

Tank Id: 001
Tank Location: UNDERGROUND

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MAHIMA ONE CORP (Continued)

U003313683

Tank Status: In Service
Install Date: 19871201
Capacity (gals): 8000
Product Stored: UNLEADED GASOLINE
Tank Type: Steel/carbon steel
Tank Internal: None
Tank External: 12
Pipe Location: Underground
Pipe Type: GALVANIZED STEEL
Pipe Internal: None
Pipe External: 21
Second Containment: Vault (w/access)
Leak Detection: 41
Overfill Prot: Catch Basin, Float Vent Valve
Dispenser: Suction
Date Tested: Not reported
Next Test Date: Not reported
Missing Data for Tank: No Missing Data
Date Closed: Not reported
Test Method: Not reported
Deleted: False
Updated: True
Lat/long: Not reported

Tank Id: 002
Tank Location: UNDERGROUND
Tank Status: In Service
Install Date: 19871201
Capacity (gals): 6000
Product Stored: UNLEADED GASOLINE
Tank Type: Steel/carbon steel
Tank Internal: None
Tank External: 12
Pipe Location: Underground
Pipe Type: GALVANIZED STEEL
Pipe Internal: None
Pipe External: 21
Second Containment: Vault (w/access)
Leak Detection: 41
Overfill Prot: Catch Basin, Float Vent Valve
Dispenser: Suction
Date Tested: Not reported
Next Test Date: Not reported
Missing Data for Tank: No Missing Data
Date Closed: Not reported
Test Method: Not reported
Deleted: False
Updated: True
Lat/long: Not reported

Tank Id: 003
Tank Location: UNDERGROUND
Tank Status: In Service
Install Date: 19871201
Capacity (gals): 6000

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MAHIMA ONE CORP (Continued)

U003313683

Product Stored: DIESEL
Tank Type: Steel/carbon steel
Tank Internal: None
Tank External: 12
Pipe Location: Underground
Pipe Type: GALVANIZED STEEL
Pipe Internal: None
Pipe External: 21
Second Containment: Vault (w/access)
Leak Detection: 41
Overfill Prot: Catch Basin, Float Vent Valve
Dispenser: Suction
Date Tested: Not reported
Next Test Date: Not reported
Missing Data for Tank: No Missing Data
Date Closed: Not reported
Test Method: Not reported
Deleted: False
Updated: True
Lat/long: Not reported

Tank Id: 004
Tank Location: UNDERGROUND
Tank Status: In Service
Install Date: 19871201
Capacity (gals): 3000
Product Stored: UNLEADED GASOLINE
Tank Type: Steel/carbon steel
Tank Internal: None
Tank External: 12
Pipe Location: Underground
Pipe Type: GALVANIZED STEEL
Pipe Internal: None
Pipe External: 21
Second Containment: Vault (w/access)
Leak Detection: 41
Overfill Prot: Catch Basin, Float Vent Valve
Dispenser: Suction
Date Tested: Not reported
Next Test Date: Not reported
Missing Data for Tank: No Missing Data
Date Closed: Not reported
Test Method: Not reported
Deleted: False
Updated: True
Lat/long: Not reported

AST:

Region: STATE
DEC Region: 7
Site Status: Active
Facility Id: 7-431044
Program Type: PBS
UTM X: 398713.8158800001
UTM Y: 4772157.9767899998
Expiration Date: 2013/08/25

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MAHIMA ONE CORP (Continued)

U003313683

Affiliation Records:

Site Id: 45873
Affiliation Type: Mail Contact
Company Name: MAHIMA ONE CORP
Contact Type: Not reported
Contact Name: JAY PATEL
Address1: 915 STATE FAIR BLVD
Address2: Not reported
City: SYRACUSE
State: NY
Zip Code: 13209
Country Code: 001
Phone: (315) 487-9157
Phone Ext: Not reported
Email: MAHIMANY@GMAIL.COM
Fax Number: Not reported
Modified By: KCKEMP
Date Last Modified: 8/25/2008

Site Id: 45873
Affiliation Type: On-Site Operator
Company Name: MAHIMA ONE CORP
Contact Type: Not reported
Contact Name: MAHIMA ONE CORP
Address1: Not reported
Address2: Not reported
City: Not reported
State: NY
Zip Code: Not reported
Country Code: 001
Phone: (315) 487-9157
Phone Ext: Not reported
Email: Not reported
Fax Number: Not reported
Modified By: KCKEMP
Date Last Modified: 11/25/2009

Site Id: 45873
Affiliation Type: Emergency Contact
Company Name: JAGDISHKUMAR PATEL
Contact Type: Not reported
Contact Name: JAY PATEL
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: (315) 427-3962
Phone Ext: Not reported
Email: Not reported
Fax Number: Not reported
Modified By: KCKEMP
Date Last Modified: 11/25/2009

Site Id: 45873
Affiliation Type: Owner

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MAHIMA ONE CORP (Continued)

U003313683

Company Name: JAGDISHKUMAR PATEL
Contact Type: VICE PRESIDENT
Contact Name: JAY PATEL
Address1: 8434 SMOKEY HOLLOW RD
Address2: Not reported
City: BALDWINSVILLE
State: NY
Zip Code: 13027
Country Code: 001
Phone: (315) 635-8767
Phone Ext: Not reported
Email: Not reported
Fax Number: Not reported
Modified By: KCKEMP
Date Last Modified: 11/25/2009

Equipment Records:

C02 - Pipe Location - Underground/On-ground
K01 - Spill Prevention - Catch Basin
B01 - Tank External Protection - Painted/Asphalt Coating
B01 - Tank External Protection - Painted/Asphalt Coating
C02 - Pipe Location - Underground/On-ground
F00 - Pipe External Protection - None
F04 - Pipe External Protection - Fiberglass
I05 - Overfill - Vent Whistle
B02 - Tank External Protection - Original Sacrificial Anode
E00 - Piping Secondary Containment - None
D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
L07 - Piping Leak Detection - Pressurized Piping Leak Detector
I01 - Overfill - Float Vent Valve
G04 - Tank Secondary Containment - Double-Walled (Underground)
A00 - Tank Internal Protection - None
J01 - Dispenser - Submersible
F04 - Pipe External Protection - Fiberglass
F04 - Pipe External Protection - Fiberglass
B01 - Tank External Protection - Painted/Asphalt Coating
H02 - Tank Leak Detection - Interstitial - Manual Monitoring
A00 - Tank Internal Protection - None
J01 - Dispenser - Submersible
C02 - Pipe Location - Underground/On-ground
L02 - Piping Leak Detection - Interstitial - Manual Monitoring
K01 - Spill Prevention - Catch Basin
B02 - Tank External Protection - Original Sacrificial Anode
E00 - Piping Secondary Containment - None
B01 - Tank External Protection - Painted/Asphalt Coating
I01 - Overfill - Float Vent Valve
L02 - Piping Leak Detection - Interstitial - Manual Monitoring
L07 - Piping Leak Detection - Pressurized Piping Leak Detector
G04 - Tank Secondary Containment - Double-Walled (Underground)
H02 - Tank Leak Detection - Interstitial - Manual Monitoring
D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
K01 - Spill Prevention - Catch Basin
B02 - Tank External Protection - Original Sacrificial Anode
C02 - Pipe Location - Underground/On-ground
A00 - Tank Internal Protection - None
B02 - Tank External Protection - Original Sacrificial Anode
L07 - Piping Leak Detection - Pressurized Piping Leak Detector

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MAHIMA ONE CORP (Continued)

U003313683

- G04 - Tank Secondary Containment - Double-Walled (Underground)
- E00 - Piping Secondary Containment - None
- F04 - Pipe External Protection - Fiberglass
- D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
- K01 - Spill Prevention - Catch Basin
- B01 - Tank External Protection - Painted/Asphalt Coating
- I01 - Overfill - Float Vent Valve
- J01 - Dispenser - Submersible
- A00 - Tank Internal Protection - None
- K00 - Spill Prevention - None
- D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
- G04 - Tank Secondary Containment - Double-Walled (Underground)
- I01 - Overfill - Float Vent Valve
- L07 - Piping Leak Detection - Pressurized Piping Leak Detector
- C01 - Pipe Location - Aboveground
- L02 - Piping Leak Detection - Interstitial - Manual Monitoring
- E00 - Piping Secondary Containment - None
- H02 - Tank Leak Detection - Interstitial - Manual Monitoring
- L02 - Piping Leak Detection - Interstitial - Manual Monitoring
- A00 - Tank Internal Protection - None
- H02 - Tank Leak Detection - Interstitial - Manual Monitoring
- J02 - Dispenser - Suction
- D10 - Pipe Type - Copper
- G10 - Tank Secondary Containment - Impervious Underlayment
- L09 - Piping Leak Detection - Exempt Suction Piping
- H06 - Tank Leak Detection - Impervious Barrier/Concrete Pad (A/G)
- E10 - Piping Secondary Containment - Impervious Underlayment
- J01 - Dispenser - Submersible

Tank Info:

Tank Number: 005
Tank Id: 215787
Tank Location: 3
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Tank Model: Not reported
Pipe Model: Not reported
Install Date: 2/6/2007
Capacity Gallons: 275
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: KCKEMP
Last Modified: 8/25/2008

NY Spills:

Site ID: 75904
Facility Addr2: Not reported
Facility ID: 9012612
Spill Number: 9012612
Facility Type: ER
SWIS: 3415
Investigator: ROMOCKI
Referred To: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MAHIMA ONE CORP (Continued)

U003313683

Spill Date: 3/8/1991
Reported to Dept: 3/8/1991
CID: Not reported
Spill Cause: Human Error
Water Affected: Not reported
Spill Source: Gasoline Station
Spill Notifier: Affected Persons
Cleanup Ceased: 3/8/1991
Cleanup Meets Std: True
Last Inspection: Not reported
Recommended Penalty: Penalty Not Recommended
UST Trust: False
Spill Class: Not reported
Spill Closed Dt: 3/15/1991
Remediation Phase: 0
Date Entered In Computer: 3/8/1991
Spill Record Last Update: 3/15/1991
Spiller Name: Not reported
Spiller Company: RUDOLF GANEARZ
Spiller Address: 500 CHURCH ST.
Spiller City,St,Zip: LAKELAND, NY 13209
Spiller Company: 001
Contact Name: Not reported
Contact Phone: Not reported
DEC Region: 7
DER Facility ID: 71017
DEC Memo: Prior to Sept, 2004 data translation this spill Lead_DEC Field was "MR" 03/15/91: SPEEDI-DRY PUT DOWN TO ABSORB SPILL. UPON INSPECTION, NO GASOLINE APPEARED TO ENTER THE STROM SEWER AS EARLIER REPORTED.
Remarks: CUSTOMER SPRAYED CAR W/ GAS THINKING HE WAS AT CARWASH. LAKELAND FIRE DEPT. RESPONDED. APPLIED SPEEDI DRY. SOME ENTERED SEWER.

Material:

Site ID: 75904
Operable Unit ID: 952372
Operable Unit: 01
Material ID: 429082
Material Code: 0009
Material Name: Gasoline
Case No.: Not reported
Material FA: Petroleum
Quantity: 8
Units: Gallons
Recovered: 2
Resource Affected: Not reported
Oxygenate: False

Tank Test:

Site ID: Not reported
Spill Tank Test: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate: Not reported
Gross Fail: Not reported
Modified By: Not reported
Last Modified: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MAHIMA ONE CORP (Continued)

U003313683

Test Method: Not reported

NY Hist Spills:

Region of Spill: 7
Spill Number: 9012612
Investigator: MR
Caller Name: Not reported
Caller Agency: Not reported
Caller Phone: Not reported
Notifier Name: Not reported
Notifier Agency: Not reported
Notifier Phone: Not reported
Spill Date/Time: 03/08/1991 11:18
Reported to Dept Date/Time: 03/08/91 11:38
SWIS: 31
Spiller Name: RUDOLF GANEARZ
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Address: 500 CHURCH ST.
Spiller City,St,Zip: LAKELAND, NY 13209
Spill Cause: Human Error
Reported to Dept: On Land
Water Affected: Not reported
Spill Source: 05
Spill Notifier: Affected Persons
PBS Number: Not reported
Cleanup Ceased: 03/08/91
Cleanup Meets Std: True
Last Inspection: / /
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Dt: / /
Enforcement Date: / /
Invstgn Complete: / /
UST Involvement: False
Spill Class: Not reported
Spill Closed Dt: 03/15/91
Corrective Action Plan Submitted: / /
Date Region Sent Summary to Central Office: / /
Date Spill Entered In Computer Data File: 03/08/91
Date Spill Entered In Computer Data File: Not reported
Update Date: 03/15/91
Is Updated: False

Tank:

PBS Number: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported

Material:

Material Class Type: Petroleum
Quantity Spilled: 8
Unkonwn Quantity Spilled: False
Units: Gallons
Quantity Recovered: 2

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MAHIMA ONE CORP (Continued)

U003313683

Unkonwn Quantity Recovered: False
Material: GASOLINE
Class Type: GASOLINE
Times Material Entry In File: 21329
CAS Number: Not reported
Last Date: 19940929
DEC Remarks: 03/15/91: SPEEDI-DRY PUT DOWN TO ABSORB SPILL. UPON INSPECTION, NO GASOLINE APPEARED TO ENTER THE STROM SEWER AS EARLIER REPORTED.
Remark: CUSTOMER SPRAYED CAR W/ GAS THINKING HE WAS AT CARWASH. LAKELAND FIRE DEPT. RESPONDED. APPLIED SPEEDI DRY. SOME ENTERED SEWER.

142
SW
> 1
1.750 mi.
9238 ft.

SOUTHERN CONTAINER -SYRACUSE
100 SOUTHERN DRIVE
CAMILLUS, NY 13031

LTANKS **S102639429**
CBS AST **N/A**
CBS

Relative:
Higher

LTANKS:

Actual:
458 ft.

Site ID: 349572
Spill No: 0504740
Spill Date: 7/20/2005
Spill Cause: Tank Failure
Spill Source: Commercial/Industrial
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt: 11/4/2005
Facility Addr2: Not reported
Cleanup Ceased: 11/4/2005
Cleanup Meets Standard: True
SWIS: 3420
Investigator: KCKemp
Referred To: Not reported
Reported to Dept: 7/20/2005
CID: 444
Water Affected: NONE
Spill Notifier: Responsible Party
Last Inspection: 7/20/2005
Recommended Penalty: Penalty Not Recommended
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 7/20/2005
Spill Record Last Update: 11/4/2005
Spiller Name: DAVE ATWELL
Spiller Company: SOUTHERN CONTAINER
Spiller Address: 100 SOUTHERN DRIVE
Spiller City,St,Zip: CAMILLUS, NY 13031
Spiller County: 001
Spiller Contact: DAVE ATWELL
Spiller Phone: (315) 487-6111
Spiller Extention: Not reported
DEC Region: 7
DER Facility ID: 285871
DEC Memo: 07-20-2005 email from Steve Vinci at C&S ... "Just a quick update on Southern Container. We looked at the foundation drawings and one of our structural engineers made a site visit to help determine whether we should try to remove the UST or proceed with an in-place closure. Come to find out one end of tank was immediately adjacent to one of the building columns. Given the circumstances we decided to proceed

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHERN CONTAINER -SYRACUSE (Continued)

S102639429

with the in-place closure. If we proceeded with removal of the tank, underpinning of the concrete beam, slab and area beneath the column would have been required. After pumping out the tank and cutting an access hole into it and cleaning the tank Monroe Mechanical used a hole saw to cut a coupon out of the bottom of the tank to facilitate sampling. That effort revealed the tank was situated upon a concrete pad. I have been told that soil samples have been obtained from the out board side and right side as of 2PM or so. A third sample will be obtained (from the left side) before the end of the day. I have been told the material sampled is sandy with no obvious evidence of petroleum contamination. All samples will be analyzed via EPA 8260 STARS/TAGM and EPA 8270 B/N STARS/TAGM. Also, we did recommend that Southern Container call in a spill since the disposal facilities often ask for a number. The spill was called in at around 11 AM today. Would you please fax or e-mail to me the spill call in sheet that was sent to the Region ? That's it for now. Should you have any questions, please let me know. Thanks! Steven M. Vinci,CPG C&S Engineers,Inc. 315-455-2000x294 315-455-9667(FAX) svinci@cscos.com Closure Report received. Spill closed 11/4/2005, NFA letter mailed to owner

Remarks: TANK REMOVAL; CLEANED UP: KEVIN KEMP FROM DEC WAS ON SITE

Material:

Site ID: 349572
Operable Unit ID: 1107161
Operable Unit: 01
Material ID: 2097056
Material Code: 0022
Material Name: Waste Oil/Used Oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 2
Units: Gallons
Recovered: 2
Resource Affected: Not reported
Oxygenate: False

Tank Test:

Site ID: Not reported
Spill Tank Test: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate: Not reported
Gross Fail: Not reported
Modified By: Not reported
Last Modified: Not reported
Test Method: Not reported

CBS AST:

CBS Number: 7-000179
Region: STATE
ICS Number: 7-700704
PBS Number: 7-460524
MOSF Number: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHERN CONTAINER -SYRACUSE (Continued)

S102639429

Telephone: (315) 487-6111
Facility Town: CAMILLUS
Operator: J. VANN
Emrgncy Contact: MIKE MOORRISETTE
Emrgncy Phone: (315) 487-6111
Expiration Date: 11/03/2003
Owner Name: SOUTHERN CONTAINER
Owner Address: 115 ENGINEERS ROAD
Owner City,St,Zip: HAUPPAUGE, NY 11788
Owner Telephone: (516) 231-0400
Owner type: Corporate/Commercial
Facility Type: MANUFACTURING
Mail Name: SOUTHERN CONTAINER
Mail Contact Addr: 115 ENGINEERS ROAD
Mail Contact Addr2: Not reported
Mail Contact Contact: COREY MARKER
Mail Contact City,St,Zip: HAUPPAUGE, NY 11788
Mail Phone: (516) 231-0400
SPDES Number: Not reported
Facility Status: ACTIVE FACILITY
Owner Sub Type: Not reported

Tank Id: 003
Date Entered: 11/03/1989
Capacity (Gal): 4000
Chemical: Sodium hydroxide
Tank Closed: Not reported
Tank Status: In Service
Tank Type: Steel/carbon steel
Install Date: 02/89
Certified Date: 12/27/2001
CAS Number: 1310732
Substance: Single Hazardous Substance on DEC List
Tank Location: ABOVEGROUND
Intrnl Protection: None
Extrnl Protection: None
Pipe Location: Aboveground
Pipe Type: STEEL/IRON
Pipe Internal: None
Pipe External: 00
Pipe Containment: None,None
Tank Containment: None
Leak Detection: None,None
Overfill Protection: None,None
Haz Percent: 50
Total Tanks: 1
Tank Secret: False
Last Test: Not reported
Due Date: Not reported
Tank Error Status: No Missing Data
SWIS Code: 3120
Lat/Long: Not reported
Pipe Flag: False
Federal ID: Not reported
Is Updated: F
Renew Date: 08/02/93
Is it There: F

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHERN CONTAINER -SYRACUSE (Continued)

S102639429

Deliquent: F
Date Expired: 11/03/95
Owner Mark: 1
Certificate Needs to be Printed: False
Fiscal Amt for Registration Fee Correct: True
Renewal Has Been Printed for Facility: True
Pre-Printed Renewal App Last Printed: 07/30/2001
Total Capacity of All Active Tanks(gal): 4000

CBS:

CBS Number: 7-000179
Program Type: CBS
Dec Region: 7
Expiration Date: N/A
Facility Status: Unregulated
UTMX: 396410.99395999
UTMY: 4767529.9854100

AE143
East
> 1
1.950 mi.
10298 ft.

SPECIALTY METALS/CRUCIBLE LANDFILL
STATE FAIR BLVD WASTEBED
GEDDES, NY 13209
Site 1 of 2 in cluster AE

RCRA-TSDF 1000171342
CORRACTS NYD085161008
RCRA-NonGen
FINANCIAL ASSURANCE

Relative:
Lower

RCRA-TSDF:

Actual:
378 ft.

Date form received by agency: 01/01/2007
Facility name: SPECIALTY METALS CRUCIBLE LANDFILL
Facility address: STATE FAIR BLVD WASTEBED
GEDDES, NY 13209
EPA ID: NYD085161008
Mailing address: PO BOX 977
SYRACUSE, NY 13201
Contact: ROBERT WILLS
Contact address: PO BOX 977
SYRACUSE, NY 13201
Contact country: US
Contact telephone: Not reported
Contact email: RHWILLS@CRUMETALS.COM
EPA Region: 02
Land type: Private
Classification: TSDF
Description: Handler is engaged in the treatment, storage or disposal of hazardous waste
TSD commencement date: Not reported
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: Not reported
Owner/operator address: OWNERSTREET
OWNERCITY, WY 99999
Owner/operator country: US
Owner/operator telephone: (212) 555-1212
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SPECIALTY METALS/CRUCIBLE LANDFILL (Continued)

1000171342

Owner/operator name: OPERNAME
Owner/operator address: OPERSTREET
OPERCITY, WY 99999
Owner/operator country: US
Owner/operator telephone: (212) 555-1212
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler accessibility indicator: Transferred to the program or state equivalent.

Handler Activities Summary:

U.S. importer of hazardous waste: Unknown
Mixed waste (haz. and radioactive): Unknown
Recycler of hazardous waste: Unknown
Transporter of hazardous waste: Unknown
Treater, storer or disposer of HW: Unknown
Underground injection activity: Unknown
On-site burner exemption: Unknown
Furnace exemption: Unknown
Used oil fuel burner: Unknown
Used oil processor: Unknown
User oil refiner: Unknown
Used oil fuel marketer to burner: Unknown
Used oil Specification marketer: Unknown
Used oil transfer facility: Unknown
Used oil transporter: Unknown
Off-site waste receiver: Commercial status unknown

Historical Generators:

Date form received by agency: 01/01/2006
Facility name: SPECIALTY METALS CRUCIBLE LANDFILL
Classification: Not a generator, verified

Date form received by agency: 03/04/2003
Facility name: SPECIALTY METALS CRUCIBLE LANDFILL
Classification: Not a generator, verified

Date form received by agency: 07/08/1999
Facility name: SPECIALTY METALS CRUCIBLE LANDFILL
Classification: Not a generator, verified

Date form received by agency: 11/19/1980
Facility name: SPECIALTY METALS CRUCIBLE LANDFILL
Classification: Not a generator, verified

Date form received by agency: 08/18/1980
Facility name: SPECIALTY METALS CRUCIBLE LANDFILL
Classification: Large Quantity Generator

Corrective Action Summary:

Event date: 09/28/1988
Event: RFA Completed

Event date: 12/08/1992
Event: CA Prioritization, Facility or area was assigned a low corrective

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SPECIALTY METALS/CRUCIBLE LANDFILL (Continued)

1000171342

action priority.

Event date: 03/30/1994
Event: Stabilization Measures Evaluation, This facility is not amenable to stabilization activity at the present time for reasons other than 1- it appears to be technically infeasible or inappropriate (NF) or 2- there is a lack of technical information (IN). Reasons for this conclusion may be the status of closure at the facility, the degree of risk, timing considerations, the status of corrective action work at the facility, or other administrative considerations.

Event date: 09/08/1994
Event: CA Responsibility Referred To A Non-RCRA Federal Authority

Event date: 04/17/2002
Event: CA577

Facility Has Received Notices of Violations:

Regulation violated: SR - 373-3.8(f)
Area of violation: TSD - Financial Requirements
Date violation determined: 08/20/2004
Date achieved compliance: 07/22/2005
Violation lead agency: State
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement action date: 07/25/2005
Enf. disposition status: Action Satisfied (Case Closed)
Enf. disp. status date: 07/25/2005
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: 10000
Paid penalty amount: 10000

Regulation violated: SR - 373-3.8(f)
Area of violation: TSD - Financial Requirements
Date violation determined: 08/20/2004
Date achieved compliance: 07/22/2005
Violation lead agency: State
Enforcement action: INITIAL 3008(A) COMPLIANCE
Enforcement action date: 09/10/2004
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 37500
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - General
Date violation determined: 03/11/1997
Date achieved compliance: 03/20/1997
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 03/11/1997
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SPECIALTY METALS/CRUCIBLE LANDFILL (Continued)

1000171342

Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD IS-Ground-Water Monitoring
Date violation determined: 09/09/1993
Date achieved compliance: 03/24/1994
Violation lead agency: State
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement action date: 03/24/1994
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: 10000
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD IS-Ground-Water Monitoring
Date violation determined: 09/09/1993
Date achieved compliance: 03/24/1994
Violation lead agency: State
Enforcement action: INITIAL 3008(A) COMPLIANCE
Enforcement action date: 09/10/1993
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 10000
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD IS-Ground-Water Monitoring
Date violation determined: 11/20/1991
Date achieved compliance: 11/06/1997
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 11/20/1991
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:
Evaluation date: 09/17/2009
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 10/31/2008
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SPECIALTY METALS/CRUCIBLE LANDFILL (Continued)

1000171342

Evaluation date:	03/25/2008
Evaluation:	NON-FINANCIAL RECORD REVIEW
Area of violation:	Not reported
Date achieved compliance:	Not reported
Evaluation lead agency:	State
Evaluation date:	09/14/2007
Evaluation:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation:	Not reported
Date achieved compliance:	Not reported
Evaluation lead agency:	State
Evaluation date:	03/30/2007
Evaluation:	NON-FINANCIAL RECORD REVIEW
Area of violation:	Not reported
Date achieved compliance:	Not reported
Evaluation lead agency:	State
Evaluation date:	10/17/2006
Evaluation:	NON-FINANCIAL RECORD REVIEW
Area of violation:	Not reported
Date achieved compliance:	Not reported
Evaluation lead agency:	State
Evaluation date:	08/30/2006
Evaluation:	FINANCIAL RECORD REVIEW
Area of violation:	Not reported
Date achieved compliance:	Not reported
Evaluation lead agency:	EPA
Evaluation date:	07/11/2006
Evaluation:	NON-FINANCIAL RECORD REVIEW
Area of violation:	Not reported
Date achieved compliance:	Not reported
Evaluation lead agency:	State
Evaluation date:	11/16/2005
Evaluation:	OPERATION AND MAINTENANCE INSPECTION
Area of violation:	Not reported
Date achieved compliance:	Not reported
Evaluation lead agency:	State
Evaluation date:	10/31/2005
Evaluation:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation:	Not reported
Date achieved compliance:	Not reported
Evaluation lead agency:	State
Evaluation date:	07/22/2005
Evaluation:	NOT A SIGNIFICANT NON-COMPLIER
Area of violation:	Not reported
Date achieved compliance:	Not reported
Evaluation lead agency:	State
Evaluation date:	04/13/2005
Evaluation:	NON-FINANCIAL RECORD REVIEW
Area of violation:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SPECIALTY METALS/CRUCIBLE LANDFILL (Continued)

1000171342

Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 09/21/2004
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 08/23/2004
Evaluation: SIGNIFICANT NON-COMPLIER
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 08/20/2004
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: TSD - Financial Requirements
Date achieved compliance: 07/22/2005
Evaluation lead agency: State

Evaluation date: 06/20/2003
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 09/27/2002
Evaluation: GROUNDWATER MONITORING EVALUATION
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 03/31/2000
Evaluation: NON-FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 05/27/1999
Evaluation: OPERATION AND MAINTENANCE INSPECTION
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 02/25/1999
Evaluation: NON-FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 02/12/1999
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SPECIALTY METALS/CRUCIBLE LANDFILL (Continued)

1000171342

Evaluation date:	03/30/1998
Evaluation:	NON-FINANCIAL RECORD REVIEW
Area of violation:	Not reported
Date achieved compliance:	Not reported
Evaluation lead agency:	State
Evaluation date:	11/06/1997
Evaluation:	GROUNDWATER MONITORING EVALUATION
Area of violation:	Not reported
Date achieved compliance:	Not reported
Evaluation lead agency:	State
Evaluation date:	03/26/1997
Evaluation:	NON-FINANCIAL RECORD REVIEW
Area of violation:	Not reported
Date achieved compliance:	Not reported
Evaluation lead agency:	State
Evaluation date:	02/26/1997
Evaluation:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation:	TSD - General
Date achieved compliance:	03/20/1997
Evaluation lead agency:	State
Evaluation date:	03/15/1996
Evaluation:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation:	Not reported
Date achieved compliance:	Not reported
Evaluation lead agency:	State
Evaluation date:	03/15/1995
Evaluation:	NON-FINANCIAL RECORD REVIEW
Area of violation:	Not reported
Date achieved compliance:	Not reported
Evaluation lead agency:	State
Evaluation date:	03/07/1995
Evaluation:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation:	Not reported
Date achieved compliance:	Not reported
Evaluation lead agency:	State
Evaluation date:	09/09/1993
Evaluation:	NON-FINANCIAL RECORD REVIEW
Area of violation:	TSD IS-Ground-Water Monitoring
Date achieved compliance:	03/24/1994
Evaluation lead agency:	State
Evaluation date:	09/01/1993
Evaluation:	OPERATION AND MAINTENANCE INSPECTION
Area of violation:	Not reported
Date achieved compliance:	Not reported
Evaluation lead agency:	State
Evaluation date:	03/17/1993
Evaluation:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SPECIALTY METALS/CRUCIBLE LANDFILL (Continued)

1000171342

Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 03/09/1992
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 11/20/1991
Evaluation: GROUNDWATER MONITORING EVALUATION
Area of violation: TSD IS-Ground-Water Monitoring
Date achieved compliance: 11/06/1997
Evaluation lead agency: State

Evaluation date: 09/30/1991
Evaluation: OPERATION AND MAINTENANCE INSPECTION
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 02/12/1991
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 03/01/1990
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 03/31/1989
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 01/08/1988
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 04/13/1987
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 03/03/1987
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SPECIALTY METALS/CRUCIBLE LANDFILL (Continued)

1000171342

CORRACTS:

EPA ID: NYD085161008
EPA Region: 2
Area Name: SITEWIDE
Actual Date: 3/29/2010
Action: CA725YE - Current Human Exposures Under Control, Yes, Current Human Exposures Under Control has been verified

NAICS Code(s): Not reported
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: NYD085161008
EPA Region: 2
Area Name: SITEWIDE
Actual Date: 3/30/1994
Action: CA225NR - Stabilization Measures Evaluation, This facility is, not amenable to stabilization activity at the, present time for reasons other than (1) it appears to be technically, infeasible or inappropriate (NF) or (2) there is a lack of technical, information (IN). Reasons for this conclusion may be the status of, closure at the facility, the degree of risk, timing considerations, the status of corrective action work at the facility, or other, administrative considerations

NAICS Code(s): Not reported
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: NYD085161008
EPA Region: 2
Area Name: SITEWIDE
Actual Date: 4/17/2002
Action: CA577
NAICS Code(s): Not reported
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: NYD085161008
EPA Region: 2
Area Name: SITEWIDE
Actual Date: 9/8/1994
Action: CA210 - CA Responsibility Referred To A Non-RCRA Federal Authority
NAICS Code(s): Not reported
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: NYD085161008
EPA Region: 2
Area Name: SITEWIDE
Actual Date: 9/28/1988
Action: CA050 - RFA Completed
NAICS Code(s): Not reported
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: NYD085161008

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

SPECIALTY METALS/CRUCIBLE LANDFILL (Continued)

1000171342

EPA Region: 2
 Area Name: SITEWIDE
 Actual Date: 12/8/1992
 Action: CA075LO - CA Prioritization, Facility or area was assigned a low corrective action priority
 NAICS Code(s): Not reported
 Original schedule date: Not reported
 Schedule end date: Not reported

FINASS2:

Region: 2
 Letter of Credit: Not reported
 Other: Not reported
 EPA Id Number: NYD085161008
 Company Name: Enpro Industries
 Closure Cost: \$0
 Post-Closure Cost: \$1,521,252
 Correction Action Cost: \$0
 Financial Mech Cg: Y
 Financial Mech Ft: Not reported
 Type: Not reported
 Insurance Provider: Not reported
 Surety: Not reported
 Trust Fund Institution: Not reported

AE144
East
> 1
1.950 mi.
10298 ft.

CRUCIBLE STEEL - SYRACUSE OPERATION
STATE FAIR BOULEVARD
SOLVAY, NY 13209
Site 2 of 2 in cluster AE

SHWS S103350657
N/A

Relative:
Lower

SHWS:

Program: HW
 Site Code: 56334
 Classification: DOES NOT PRESENT A SIGNIFICANT THREAT TO THE PUBLIC HEALTH OR THE ENVIRONMENT - ACTION MAY BE DEFERRED.

Actual:
378 ft.

Region: 7
 Acres: 28.000
 HW Code: 734021
 Record Add: 11/18/1999 12:00:00 PM
 Record Upd: 2/22/2008 4:26:00 PM
 Updated By: GATOWNSE

Site Description: This site is presently a landfill that was previously used for disposing EP toxic chrome and air pollution baghouse dust. Some groundwater sampling has indicated chrome concentrations above the applicable groundwater standards. At this time groundwater monitoring is being done under the terms of a Part 360 permit. A RCRA closure plan has been approved and the site has since been capped. Upon completion of the cap, formal approval was granted by the RCRA program. The site is now under an OM&M Plan, and annual inspections are conducted by RCRA personnel.

Env Problem: This site has been capped, and the remediation of the site overseen by the RCRA program. Groundwater contamination may have occurred and possibly discharged to Onondaga Lake.

Health Problem: Exposure to contaminated groundwater is not expected because there are no private or public water supply wells in the immediate area. Direct contact exposures are unlikely due to the protective cap

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CRUCIBLE STEEL - SYRACUSE OPERATION (Continued)

S103350657

placed over the waste. There are no on-site or nearby structures that could be affected by soil vapor intrusion.

Dump: False
Structure: False
Lagoon: False
Landfill: True
Pond: False
Disp Start: 1972
Disp Term: 1982
Lat/Long: 43:05:14:0 / 76:13:25:0
Dell: False
Record Add: 11/18/1999 12:00:00 PM
Record Upd: 11/18/1999 12:00:00 PM
Updated By: INITIAL
Own Op: Owner
Sub Type: E
Owner Name: Not reported
Owner Company: NYSDOT
Owner Address: STATE FAIR BLVD.
Owner Addr2: Not reported
Owner City,St,Zip: SOLVAY, NY 13209
Owner Country: United States of America
Own Op: Disp. Owner
Sub Type: NNN
Owner Name: Not reported
Owner Company: NYSDOT
Owner Address: Not reported
Owner Addr2: Not reported
Owner City,St,Zip: NY
Owner Country: Unknown
Own Op: On-Site Operator
Sub Type: NNN
Owner Name: Not reported
Owner Company: UNKNOWN3
Owner Address: Not reported
Owner Addr2: Not reported
Owner City,St,Zip: ZZ
Owner Country: United States of America
Own Op: Owner
Sub Type: NNN
Owner Name: Not reported
Owner Company: Colt Industries
Owner Address: State Fair Boulevard
Owner Addr2: Not reported
Owner City,St,Zip: Solvay, NY 13209
Owner Country: United States of America
HW Code: 734021
Waste Type: ARGON-OXYGEN DECARBONIZATION DUST
Waste Quantity: 6,000,000 LBS.
Waste Code: Not reported
HW Code: 734021
Waste Type: AIR POLLUTION BAGHOUSE DUST
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: NYD980530075
Cross Ref Type Code: 05
Cross Ref Type: EPA Site ID

Map ID
Direction
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CRUCIBLE STEEL - SYRACUSE OPERATION (Continued)

S103350657

Record Added Date: 11/18/1999 12:00:00 PM
Record Updated: 5/10/2001 4:31:00 PM
Updated By: REGTRANS
Crossref ID: NYD085161008
Cross Ref Type Code: 06
Cross Ref Type: RCRA ID
Record Added Date: 11/18/1999 12:00:00 PM
Record Updated: 2/24/2005 3:54:00 PM
Updated By: INITIAL

145
East
> 1
2.131 mi.
11250 ft.

WILLIS AVENUE - FORMER BALL FIELD
585 STATE FAIR BLVD. SOUTH
SYRACUSE, NY 13204

SHWS S110309468
N/A

Relative:
Lower

SHWS:

Program: HW
Site Code: 58957
Classification: SIGNIFICANT THREAT TO THE PUBLIC HEALTH OR ENVIRONMENT - ACTION
REQUIRED.

Actual:
375 ft.

Region: 7
Acres: 10.000
HW Code: 734072
Record Add: 11/18/1999 12:00:00 PM
Record Upd: 3/30/2010 8:37:00 AM
Updated By: DJHESLER

Site Description: The Willis Avenue Ballfield site is located in an urban area adjacent to Willis Avenue and State Fair Boulevard in the Town of Geddes. The site is a fairly flat area and groundwater flows to the north/northeast toward the East Flume and Onondaga Lake. Onondaga Lake is approximately 500 feet north of the site. Currently the western half of the area is a vacant lot and a commercial fencing facility is located on the remaining area. The surrounding area consists of industrial facilities and there is a CSX railroad line south of the site. The site lies within an area known to have been used by Honeywell (or their predecessors) through the 1920s for the disposal of Solvay Waste (Wastebed C). The area was used as a baseball field in the 1960s and 1970s by employees of the Willis Avenue plant. Information received from third parties indicates that this site was used as a dumping ground by Honeywell's predecessors. Dumping of laboratory items such as test tubes, beakers, powders and unknown chemicals is alleged to have occurred here in the 1930s - 1940s. Also, barrels and other miscellaneous debris is alleged to have been dumped in the area. This site is directly across the street from the former Willis Avenue chlor-alkali plant and is in close proximity to the former Allied Chemical Main Plant facility. During the 1930s and 1940s, Allied Chemical manufactured various products including the following, any of which or their by-products, may have been disposed in this area: soda ash, benzene, toluene, xylene, chlorobenzene, caustic soda, liquid chlorine, hydrochloric acid, and phenol. Honeywell performed a PSA on the site and is currently performing an RI/FS. Test pits, borings, and other observations during the PSA and RI field work have confirmed that wastes were dumped at the site. Test pit excavations detected the presence of cinders, ash, construction and demolition debris, tarry materials, diaphragm cells, beakers and other glassware, corroded and rusted drums and drum pieces, possible laboratory wastes and powders, and

Map ID
Direction
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WILLIS AVENUE - FORMER BALL FIELD (Continued)

S110309468

other miscellaneous debris. Odors and elevated PID and mercury vapor readings were also noted in select areas during the PSA and RI field work. Investigations at the site have detected elevated levels of chlorinated benzenes, xylenes, naphthalene and other PAHs, mercury and other metals, and PCBs in soils. Groundwater also has elevated levels of mercury and benzene present.

Env Problem: Based upon the PSA and RI investigations to date, it appears that waste was heterogeneously disposed across the whole area of the site (from approximately 0-20 ft below ground surface (bgs)) with the primary contaminants of concern being chlorinated benzenes, naphthalene, PCBs, mercury, and chromium. In soil/waste samples collected from test pits and borings the following compounds were detected above the Part 375 industrial use soil cleanup objectives (SCO): 1,2,4-trimethylbenzene (at concentrations up to 780 ppm, SCO of 380 ppm), naphthalene (up to 5,100 ppm, SCO of 1000 ppm), hexachlorobenzene (up to 40 ppm, SCO of 12 ppm), PCBs (up to 580 ppm, SCO of 25 ppm), mercury (up to 1760 ppm, SCO of 5.7 ppm), and chromium (up to 8350 ppm, SCO of 6800 ppm). Contaminants in the groundwater (from approximately 15 to 60 ft bgs) that exceeded groundwater standards or guidance values (TOGS 1.1.1) included benzene (up to 110 ppb, standard of 1 ppb), chlorobenzene (up to 7 ppb, standard of 5 ppb), toluene (up to 57 ppb, standard of 5 ppb), 1,2-dichlorobenzene (up to 29 ppb, standard of 3 ppb), 1,4-dichlorobenzene (up to 98 ppb, standard of 3 ppb), phenol (up to 13,000 ppb, standard of 1 ppb), chromium (up to 431 ppb, standard of 50 ppb), lead (up to 682 ppb, standard of 25 ppb), and mercury (up to 31 ppb, standard of 0.7 ppb). Groundwater is located at approximately 15 to 20 ft below ground surface and primarily flows to the north/northeast toward the East Flume and Onondaga Lake. Onondaga Lake is approximately 500 feet north of the site. The site presents a significant environmental threat due to soil contamination and ongoing releases to the groundwater. More information regarding the site can be found in the documents placed in the Site Document Repository.

Health Problem: No one is expected to come into contact with contaminants in the groundwater from this site since public water is supplied to the area. There is a potential for trespassers to come into contact with contaminated surface soils, however, crushed stone and dense vegetation cover the site. The potential for exposures associated with soil vapor intrusion has been investigated and it was determined no further action is required.

Dump: False
Structure: False
Lagoon: False
Landfill: False
Pond: False
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: 00:00:00:0 / 00:00:00:0
Dell: False
Record Add: 11/18/1999 12:00:00 PM
Record Upd: 12/3/2009 9:17:00 AM
Updated By: txsmith
Own Op: Document Repository
Sub Type: T03
Owner Name: Samuel Sage
Owner Company: Atlantic States Legal Foundation

Map ID
Direction
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WILLIS AVENUE - FORMER BALL FIELD (Continued)

S110309468

Owner Address: 658 West Onondaga Street
Owner Addr2: Not reported
Owner City,St,Zip: Syracuse, NY 13204
Owner Country: United States of America
Own Op: Owner
Sub Type: 01
Owner Name: Alfred Labuz
Owner Company: Honeywell International
Owner Address: 301 Plainfield Road, Suite 330
Owner Addr2: Not reported
Owner City,St,Zip: Syracuse, NY 13212
Owner Country: United States of America
Own Op: Document Repository
Sub Type: B99
Owner Name: Diane Carlton
Owner Company: NYSDEC
Owner Address: 615 Erie Boulevard, West
Owner Addr2: Not reported
Owner City,St,Zip: Syracuse, NY 13204
Owner Country: United States of America
Own Op: Owner
Sub Type: 05
Owner Name: Rick Austin
Owner Company: Butler Fence
Owner Address: 536 State Fair Blvd
Owner Addr2: Not reported
Owner City,St,Zip: Syracuse, NY 13204
Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN
Owner Name: Not reported
Owner Company: Onondaga County Public Library
Owner Address: 447 South Salina Street
Owner Addr2: Not reported
Owner City,St,Zip: Syracuse, NY 13204
Owner Country: United States of America
HW Code: 734072
Waste Type: CHLOROBENZENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 734072
Waste Type: CHROMIUM
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 734072
Waste Type: NAPHTHALENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 734072
Waste Type: MERCURY
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 734072
Waste Type: POLYCHLORINATED BIPHENYLS (PCB)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 734072

Map ID
Direction
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WILLIS AVENUE - FORMER BALL FIELD (Continued)

S110309468

Waste Type: BENZENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 734072
Waste Type: HEXACHLOROBENZENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: D-7-0002-00-02
Cross Ref Type Code: 23
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 11/25/2009 8:32:00 AM
Record Updated: 11/25/2009 8:32:00 AM
Updated By: txsmith
Crossref ID: 4/26/2000
Cross Ref Type Code: 26
Cross Ref Type: Agreement/Consent Order Date
Record Added Date: 11/25/2009 8:32:00 AM
Record Updated: 11/25/2009 8:32:00 AM
Updated By: txsmith

Count: 20 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
SYRACUSE	1000551803	NYSDOT	RT 5 /ROADWAY A BIN 1093400	13219	FINDS,MANIFEST,RCRA-NLR
SOLVAY	1000981400	NYSDOT BIN 1093389	RTE 695 CAMILLUS BYPASS	13209	FINDS,RCRA-NLR
GEDDES	1003863781	CRUCIBLE INC /LAKE PUMP STATION	RTE 690	13209	CERCLIS-NFRAP
GEDDES	1003864115	STATE FAIR LANDFILL	STATE FAIR BOULEVARD	13209	CERCLIS-NFRAP
GEDDES	1004762106	ONONDAGA CO STATE FAIR BRG	STATE FAIR BLVD 1000 FT N	13209	FINDS,RCRA-NLR
CAMILLUS	1007815098	ALLIED SIGNAL INC WASTEBEDS 12-15	GERE LOCK RD	13031	FINDS
SYRACUSE	1009232861	NYSDEC	STATE FAR BLVD		MANIFEST
CAMILLUS	1011863536	NYSDOT BIN 1093459	RTE 5 OVER NINE MILE CREEK	13031	RCRA-LQG
GEDDES	1012186604	NYSDOT BIN 1049610	PEDESTRIAN WALK OVER STATE	13209	RCRA-LQG
SYRACUSE	S102164487	RT. 81 & PEARL ST. ACCI.	RT. 81 NORTH / PEARL ST.		SPILLS,HIST SPILLS
SYRACUSE	S102164540	SOUTHERN COATING ACCIDENT	RT 81 N		SPILLS,HIST SPILLS
SYRACUSE UNIVERSITY	S102164936	RED TANK TRUCK	ROUTE 81 SOUTH		SPILLS,HIST SPILLS
SYRACUSE	S106383703	COSTAL SERVICE STA	ROUTE 12/ROUTE 11		SPILLS
SALINA	S106781020	OLD LEY CREEK CHANNEL SITE	NYS ROUTE 11	13209	HWS
SYRACUSE	S106967578	COUNTRY VIEW TERRACE APTS	ROUTE 175		SPILLS
SYRACUSE	S108057348	CARRIER CORP	THOMPSON ROAD / ROUTE 2		SPILLS
	S109373865	SOUTH SIDE OF SHOULDER RTE 20	RTE 20 / RTE 80		SPILLS
	S109828531	SKANEATELES LAKE	RTE 41		SPILLS
SYRACUSE	S110139638	I/F/O 1380 RTE 11	1380 RTE 11		SPILLS
SYRACUSE	S110490251	TO ROADWAY	RTE 298 / 598		SPILLS

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 07/02/2010	Source: EPA
Date Data Arrived at EDR: 07/14/2010	Telephone: N/A
Date Made Active in Reports: 10/04/2010	Last EDR Contact: 10/13/2010
Number of Days to Update: 82	Next Scheduled EDR Contact: 01/24/2011
	Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 07/02/2010	Source: EPA
Date Data Arrived at EDR: 07/14/2010	Telephone: N/A
Date Made Active in Reports: 10/04/2010	Last EDR Contact: 10/13/2010
Number of Days to Update: 82	Next Scheduled EDR Contact: 01/24/2011
	Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991	Source: EPA
Date Data Arrived at EDR: 02/02/1994	Telephone: 202-564-4267
Date Made Active in Reports: 03/30/1994	Last EDR Contact: 11/22/2010
Number of Days to Update: 56	Next Scheduled EDR Contact: 02/28/2011
	Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal Delisted NPL site list

DELISTED NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 07/02/2010	Source: EPA
Date Data Arrived at EDR: 07/14/2010	Telephone: N/A
Date Made Active in Reports: 10/04/2010	Last EDR Contact: 10/13/2010
Number of Days to Update: 82	Next Scheduled EDR Contact: 01/24/2011
	Data Release Frequency: Quarterly

Federal CERCLIS list

CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System

CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 01/29/2010	Source: EPA
Date Data Arrived at EDR: 02/09/2010	Telephone: 703-412-9810
Date Made Active in Reports: 04/12/2010	Last EDR Contact: 12/30/2010
Number of Days to Update: 62	Next Scheduled EDR Contact: 04/11/2011
	Data Release Frequency: Quarterly

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA's Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 06/23/2009	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/15/2010	Telephone: 703-603-8704
Date Made Active in Reports: 02/10/2010	Last EDR Contact: 10/13/2010
Number of Days to Update: 26	Next Scheduled EDR Contact: 01/24/2011
	Data Release Frequency: Varies

Federal CERCLIS NFRAP site List

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

Date of Government Version: 06/23/2009	Source: EPA
Date Data Arrived at EDR: 09/02/2009	Telephone: 703-412-9810
Date Made Active in Reports: 09/21/2009	Last EDR Contact: 12/01/2010
Number of Days to Update: 19	Next Scheduled EDR Contact: 03/14/2011
	Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 05/25/2010
Date Data Arrived at EDR: 06/02/2010
Date Made Active in Reports: 10/04/2010
Number of Days to Update: 124

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 11/22/2010
Next Scheduled EDR Contact: 02/28/2011
Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 02/17/2010
Date Data Arrived at EDR: 02/19/2010
Date Made Active in Reports: 05/17/2010
Number of Days to Update: 87

Source: Environmental Protection Agency
Telephone: (212) 637-3660
Last EDR Contact: 01/06/2011
Next Scheduled EDR Contact: 04/18/2011
Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 02/17/2010
Date Data Arrived at EDR: 02/19/2010
Date Made Active in Reports: 05/17/2010
Number of Days to Update: 87

Source: Environmental Protection Agency
Telephone: (212) 637-3660
Last EDR Contact: 01/06/2011
Next Scheduled EDR Contact: 04/18/2011
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 02/17/2010
Date Data Arrived at EDR: 02/19/2010
Date Made Active in Reports: 05/17/2010
Number of Days to Update: 87

Source: Environmental Protection Agency
Telephone: (212) 637-3660
Last EDR Contact: 01/06/2011
Next Scheduled EDR Contact: 04/18/2011
Data Release Frequency: Quarterly

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 02/17/2010
Date Data Arrived at EDR: 02/19/2010
Date Made Active in Reports: 05/17/2010
Number of Days to Update: 87

Source: Environmental Protection Agency
Telephone: (212) 637-3660
Last EDR Contact: 01/06/2011
Next Scheduled EDR Contact: 04/18/2011
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal institutional controls / engineering controls registries

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 12/20/2009	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/20/2010	Telephone: 703-603-0695
Date Made Active in Reports: 04/12/2010	Last EDR Contact: 12/10/2010
Number of Days to Update: 82	Next Scheduled EDR Contact: 03/28/2011
	Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 12/20/2009	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/20/2010	Telephone: 703-603-0695
Date Made Active in Reports: 04/12/2010	Last EDR Contact: 12/10/2010
Number of Days to Update: 82	Next Scheduled EDR Contact: 03/28/2011
	Data Release Frequency: Varies

Federal ERNS list

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 07/09/2010	Source: National Response Center, United States Coast Guard
Date Data Arrived at EDR: 07/09/2010	Telephone: 202-267-2180
Date Made Active in Reports: 08/17/2010	Last EDR Contact: 01/07/2011
Number of Days to Update: 39	Next Scheduled EDR Contact: 04/18/2011
	Data Release Frequency: Annually

State- and tribal - equivalent CERCLIS

SHWS: Inactive Hazardous Waste Disposal Sites in New York State

Referred to as the State Superfund Program, the Inactive Hazardous Waste Disposal Site Remedial Program is the cleanup program for inactive hazardous waste sites and now includes hazardous substance sites

Date of Government Version: 11/23/2010	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 11/23/2010	Telephone: 518-402-9622
Date Made Active in Reports: 12/17/2010	Last EDR Contact: 11/23/2010
Number of Days to Update: 24	Next Scheduled EDR Contact: 03/07/2011
	Data Release Frequency: Annually

VAPOR REOPENED: Vapor Intrusion Legacy Site List

New York is currently re-evaluating previous assumptions and decisions regarding the potential for soil vapor intrusion exposures at sites. As a result, all past, current, and future contaminated sites will be evaluated to determine whether these sites have the potential for exposures related to soil vapor intrusion.

Date of Government Version: 09/14/2010	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 11/24/2010	Telephone: 518-402-9814
Date Made Active in Reports: 12/17/2010	Last EDR Contact: 11/24/2010
Number of Days to Update: 23	Next Scheduled EDR Contact: 03/07/2011
	Data Release Frequency: Varies

State and tribal landfill and/or solid waste disposal site lists

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SWF/LF: Facility Register

Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 10/13/2010
Date Data Arrived at EDR: 10/14/2010
Date Made Active in Reports: 11/15/2010
Number of Days to Update: 32

Source: Department of Environmental Conservation
Telephone: 518-457-2051
Last EDR Contact: 01/10/2011
Next Scheduled EDR Contact: 04/25/2011
Data Release Frequency: Semi-Annually

State and tribal leaking storage tank lists

LTANKS: Spills Information Database

Leaking Storage Tank Incident Reports. These records contain an inventory of reported leaking storage tank incidents reported from 4/1/86 through the most recent update. They can be either leaking underground storage tanks or leaking aboveground storage tanks. The causes of the incidents are tank test failures, tank failures or tank overfills.

Date of Government Version: 11/23/2010
Date Data Arrived at EDR: 11/23/2010
Date Made Active in Reports: 12/17/2010
Number of Days to Update: 24

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 11/23/2010
Next Scheduled EDR Contact: 03/07/2011
Data Release Frequency: Varies

HIST LTANKS: Listing of Leaking Storage Tanks

A listing of leaking underground and aboveground storage tanks. The causes of the incidents are tank test failures, tank failures or tank overfills. In 2002, the Department of Environmental Conservation stopped providing updates to its original Spills Information Database. This database includes fields that are no longer available from the NYDEC as of January 1, 2002. Current information may be found in the NY LTANKS database. Department of Environmental Conservation.

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 07/08/2005
Date Made Active in Reports: 07/14/2005
Number of Days to Update: 6

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 07/07/2005
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 08/27/2010
Date Data Arrived at EDR: 08/30/2010
Date Made Active in Reports: 10/04/2010
Number of Days to Update: 35

Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 11/01/2010
Next Scheduled EDR Contact: 02/14/2011
Data Release Frequency: Semi-Annually

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 08/30/2010
Date Data Arrived at EDR: 08/30/2010
Date Made Active in Reports: 10/04/2010
Number of Days to Update: 35

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 11/01/2010
Next Scheduled EDR Contact: 02/14/2011
Data Release Frequency: Quarterly

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 08/05/2010	Source: EPA Region 10
Date Data Arrived at EDR: 08/06/2010	Telephone: 206-553-2857
Date Made Active in Reports: 10/04/2010	Last EDR Contact: 11/01/2010
Number of Days to Update: 59	Next Scheduled EDR Contact: 02/14/2011
	Data Release Frequency: Quarterly

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land
A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 02/19/2009	Source: EPA Region 1
Date Data Arrived at EDR: 02/19/2009	Telephone: 617-918-1313
Date Made Active in Reports: 03/16/2009	Last EDR Contact: 11/02/2010
Number of Days to Update: 25	Next Scheduled EDR Contact: 02/14/2011
	Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 08/05/2010	Source: EPA Region 6
Date Data Arrived at EDR: 08/06/2010	Telephone: 214-665-6597
Date Made Active in Reports: 10/04/2010	Last EDR Contact: 11/01/2010
Number of Days to Update: 59	Next Scheduled EDR Contact: 02/14/2011
	Data Release Frequency: Varies

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 11/04/2009	Source: EPA Region 7
Date Data Arrived at EDR: 05/04/2010	Telephone: 913-551-7003
Date Made Active in Reports: 07/07/2010	Last EDR Contact: 12/03/2010
Number of Days to Update: 64	Next Scheduled EDR Contact: 02/14/2011
	Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 05/24/2010	Source: EPA Region 8
Date Data Arrived at EDR: 05/27/2010	Telephone: 303-312-6271
Date Made Active in Reports: 08/09/2010	Last EDR Contact: 11/01/2010
Number of Days to Update: 74	Next Scheduled EDR Contact: 02/14/2011
	Data Release Frequency: Quarterly

State and tribal registered storage tank lists

UST: Petroleum Bulk Storage (PBS) Database
Facilities that have petroleum storage capacities in excess of 1,100 gallons and less than 400,000 gallons.

Date of Government Version: 10/05/2010	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 10/06/2010	Telephone: 518-402-9549
Date Made Active in Reports: 11/19/2010	Last EDR Contact: 01/06/2011
Number of Days to Update: 44	Next Scheduled EDR Contact: 04/18/2011
	Data Release Frequency: No Update Planned

CBS UST: Chemical Bulk Storage Database
Facilities that store regulated hazardous substances in underground tanks of any size

Date of Government Version: 01/01/2002	Source: NYSDEC
Date Data Arrived at EDR: 02/20/2002	Telephone: 518-402-9549
Date Made Active in Reports: 03/22/2002	Last EDR Contact: 10/24/2005
Number of Days to Update: 30	Next Scheduled EDR Contact: 01/23/2006
	Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

MOSF UST: Major Oil Storage Facilities Database

Facilities that may be onshore facilities or vessels, with petroleum storage capacities of 400,000 gallons or greater.

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 02/20/2002
Date Made Active in Reports: 03/22/2002
Number of Days to Update: 30

Source: NYSDEC
Telephone: 518-402-9549
Last EDR Contact: 07/25/2005
Next Scheduled EDR Contact: 10/24/2005
Data Release Frequency: Varies

AST: Petroleum Bulk Storage

Registered Aboveground Storage Tanks.

Date of Government Version: 10/05/2010
Date Data Arrived at EDR: 10/06/2010
Date Made Active in Reports: 11/19/2010
Number of Days to Update: 44

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 01/06/2011
Next Scheduled EDR Contact: 04/18/2011
Data Release Frequency: No Update Planned

CBS AST: Chemical Bulk Storage Database

Facilities that store regulated hazardous substances in aboveground tanks with capacities of 185 gallons or greater, and/or in underground tanks of any size.

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 02/20/2002
Date Made Active in Reports: 03/22/2002
Number of Days to Update: 30

Source: NYSDEC
Telephone: 518-402-9549
Last EDR Contact: 07/25/2005
Next Scheduled EDR Contact: 10/24/2005
Data Release Frequency: No Update Planned

MOSF AST: Major Oil Storage Facilities Database

Facilities that may be onshore facilities or vessels, with petroleum storage capacities of 400,000 gallons or greater.

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 02/20/2002
Date Made Active in Reports: 03/22/2002
Number of Days to Update: 30

Source: NYSDEC
Telephone: 518-402-9549
Last EDR Contact: 07/25/2005
Next Scheduled EDR Contact: 10/24/2005
Data Release Frequency: No Update Planned

CBS: Chemical Bulk Storage Site Listing

These facilities store regulated hazardous substances in aboveground tanks with capacities of 185 gallons or greater, and/or in underground tanks of any size

Date of Government Version: 10/05/2010
Date Data Arrived at EDR: 10/06/2010
Date Made Active in Reports: 11/15/2010
Number of Days to Update: 40

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 01/06/2011
Next Scheduled EDR Contact: 04/18/2011
Data Release Frequency: Quarterly

MOSF: Major Oil Storage Facility Site Listing

These facilities may be onshore facilities or vessels, with petroleum storage capacities of 400,000 gallons or greater.

Date of Government Version: 10/05/2010
Date Data Arrived at EDR: 10/06/2010
Date Made Active in Reports: 11/15/2010
Number of Days to Update: 40

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 01/06/2011
Next Scheduled EDR Contact: 04/18/2011
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 08/03/2010	Source: EPA Region 6
Date Data Arrived at EDR: 08/04/2010	Telephone: 214-665-7591
Date Made Active in Reports: 10/04/2010	Last EDR Contact: 11/01/2010
Number of Days to Update: 61	Next Scheduled EDR Contact: 02/14/2011
	Data Release Frequency: Semi-Annually

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 02/11/2010	Source: EPA Region 5
Date Data Arrived at EDR: 02/11/2010	Telephone: 312-886-6136
Date Made Active in Reports: 04/12/2010	Last EDR Contact: 11/01/2010
Number of Days to Update: 60	Next Scheduled EDR Contact: 02/14/2011
	Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 08/27/2010	Source: EPA Region 4
Date Data Arrived at EDR: 08/30/2010	Telephone: 404-562-9424
Date Made Active in Reports: 10/04/2010	Last EDR Contact: 11/01/2010
Number of Days to Update: 35	Next Scheduled EDR Contact: 02/14/2011
	Data Release Frequency: Semi-Annually

INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 08/30/2010	Source: EPA Region 9
Date Data Arrived at EDR: 08/30/2010	Telephone: 415-972-3368
Date Made Active in Reports: 10/04/2010	Last EDR Contact: 11/01/2010
Number of Days to Update: 35	Next Scheduled EDR Contact: 02/14/2011
	Data Release Frequency: Quarterly

INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 05/24/2010	Source: EPA Region 8
Date Data Arrived at EDR: 05/27/2010	Telephone: 303-312-6137
Date Made Active in Reports: 08/09/2010	Last EDR Contact: 11/01/2010
Number of Days to Update: 74	Next Scheduled EDR Contact: 02/14/2011
	Data Release Frequency: Quarterly

INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 04/01/2008	Source: EPA Region 7
Date Data Arrived at EDR: 12/30/2008	Telephone: 913-551-7003
Date Made Active in Reports: 03/16/2009	Last EDR Contact: 11/09/2010
Number of Days to Update: 76	Next Scheduled EDR Contact: 02/14/2011
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 08/05/2010	Source: EPA Region 10
Date Data Arrived at EDR: 08/06/2010	Telephone: 206-553-2857
Date Made Active in Reports: 10/04/2010	Last EDR Contact: 11/01/2010
Number of Days to Update: 59	Next Scheduled EDR Contact: 02/14/2011
	Data Release Frequency: Quarterly

INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 02/19/2009	Source: EPA, Region 1
Date Data Arrived at EDR: 02/19/2009	Telephone: 617-918-1313
Date Made Active in Reports: 03/16/2009	Last EDR Contact: 11/02/2010
Number of Days to Update: 25	Next Scheduled EDR Contact: 02/14/2011
	Data Release Frequency: Varies

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 01/01/2010	Source: FEMA
Date Data Arrived at EDR: 02/16/2010	Telephone: 202-646-5797
Date Made Active in Reports: 04/12/2010	Last EDR Contact: 10/29/2010
Number of Days to Update: 55	Next Scheduled EDR Contact: 01/31/2011
	Data Release Frequency: Varies

State and tribal institutional control / engineering control registries

ENG CONTROLS: Registry of Engineering Controls

Environmental Remediation sites that have engineering controls in place.

Date of Government Version: 11/23/2010	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 11/23/2010	Telephone: 518-402-9553
Date Made Active in Reports: 12/17/2010	Last EDR Contact: 11/23/2010
Number of Days to Update: 24	Next Scheduled EDR Contact: 03/07/2011
	Data Release Frequency: Quarterly

INST CONTROL: Registry of Institutional Controls

Environmental Remediation sites that have institutional controls in place.

Date of Government Version: 11/23/2010	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 11/23/2010	Telephone: 518-402-9553
Date Made Active in Reports: 12/17/2010	Last EDR Contact: 11/23/2010
Number of Days to Update: 24	Next Scheduled EDR Contact: 03/07/2011
	Data Release Frequency: Quarterly

RES DECL: Restrictive Declarations Listing

A restrictive declaration is a covenant running with the land which binds the present and future owners of the property. As a condition of certain special permits, the City Planning Commission may require an applicant to sign and record a restrictive declaration that places specified conditions on the future use and development of the property. Certain restrictive declarations are indicated by a D on zoning maps.

Date of Government Version: 12/31/1992	Source: NYC Department of City Planning
Date Data Arrived at EDR: 01/31/2007	Telephone: 212-720-3401
Date Made Active in Reports: 04/19/2007	Last EDR Contact: 12/22/2010
Number of Days to Update: 78	Next Scheduled EDR Contact: 04/11/2011
	Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

State and tribal voluntary cleanup sites

VCP: Voluntary Cleanup Agreements

New York established its Voluntary Cleanup Program (VCP) to address the environmental, legal and financial barriers that often hinder the redevelopment and reuse of contaminated properties. The Voluntary Cleanup Program was developed to enhance private sector cleanup of brownfields by enabling parties to remediate sites using private rather than public funds and to reduce the development pressures on "greenfield" sites.

Date of Government Version: 11/23/2010	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 11/23/2010	Telephone: 518-402-9711
Date Made Active in Reports: 12/17/2010	Last EDR Contact: 11/23/2010
Number of Days to Update: 24	Next Scheduled EDR Contact: 03/07/2011
	Data Release Frequency: Semi-Annually

INDIAN VCP R1: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 04/02/2008	Source: EPA, Region 1
Date Data Arrived at EDR: 04/22/2008	Telephone: 617-918-1102
Date Made Active in Reports: 05/19/2008	Last EDR Contact: 01/05/2010
Number of Days to Update: 27	Next Scheduled EDR Contact: 04/18/2011
	Data Release Frequency: Varies

INDIAN VCP R7: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008	Source: EPA, Region 7
Date Data Arrived at EDR: 04/22/2008	Telephone: 913-551-7365
Date Made Active in Reports: 05/19/2008	Last EDR Contact: 04/20/2009
Number of Days to Update: 27	Next Scheduled EDR Contact: 07/20/2009
	Data Release Frequency: Varies

State and tribal Brownfields sites

ERP: Environmental Restoration Program Listing

In an effort to spur the cleanup and redevelopment of brownfields, New Yorkers approved a \$200 million Environmental Restoration or Brownfields Fund as part of the \$1.75 billion Clean Water/Clean Air Bond Act of 1996 (1996 Bond Act). Enhancements to the program were enacted on October 7, 2003. Under the Environmental Restoration Program, the State provides grants to municipalities to reimburse up to 90 percent of on-site eligible costs and 100% of off-site eligible costs for site investigation and remediation activities. Once remediated, the property may then be reused for commercial, industrial, residential or public use.

Date of Government Version: 11/23/2010	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 11/23/2010	Telephone: 518-402-9622
Date Made Active in Reports: 12/17/2010	Last EDR Contact: 11/23/2010
Number of Days to Update: 24	Next Scheduled EDR Contact: 03/07/2011
	Data Release Frequency: Quarterly

BROWNFIELDS: Brownfields Site List

A Brownfield is any real property where redevelopment or re-use may be complicated by the presence or potential presence of a hazardous waste, petroleum, pollutant, or contaminant.

Date of Government Version: 11/23/2010	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 11/23/2010	Telephone: 518-402-9764
Date Made Active in Reports: 12/17/2010	Last EDR Contact: 11/23/2010
Number of Days to Update: 24	Next Scheduled EDR Contact: 03/07/2011
	Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

Included in the listing are brownfields properties addresses by Cooperative Agreement Recipients and brownfields properties addressed by Targeted Brownfields Assessments. Targeted Brownfields Assessments-EPA's Targeted Brownfields Assessments (TBA) program is designed to help states, tribes, and municipalities--especially those without EPA Brownfields Assessment Demonstration Pilots--minimize the uncertainties of contamination often associated with brownfields. Under the TBA program, EPA provides funding and/or technical assistance for environmental assessments at brownfields sites throughout the country. Targeted Brownfields Assessments supplement and work with other efforts under EPA's Brownfields Initiative to promote cleanup and redevelopment of brownfields. Cooperative Agreement Recipients--States, political subdivisions, territories, and Indian tribes become Brownfields Cleanup Revolving Loan Fund (BCRLF) cooperative agreement recipients when they enter into BCRLF cooperative agreements with the U.S. EPA. EPA selects BCRLF cooperative agreement recipients based on a proposal and application process. BCRLF cooperative agreement recipients must use EPA funds provided through BCRLF cooperative agreement for specified brownfields-related cleanup activities.

Date of Government Version: 06/24/2010	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/25/2010	Telephone: 202-566-2777
Date Made Active in Reports: 08/17/2010	Last EDR Contact: 12/30/2010
Number of Days to Update: 53	Next Scheduled EDR Contact: 04/11/2011
	Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/09/2004	Telephone: 800-424-9346
Date Made Active in Reports: 09/17/2004	Last EDR Contact: 06/09/2004
Number of Days to Update: 39	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009	Source: EPA, Region 9
Date Data Arrived at EDR: 05/07/2009	Telephone: 415-947-4219
Date Made Active in Reports: 09/21/2009	Last EDR Contact: 12/22/2010
Number of Days to Update: 137	Next Scheduled EDR Contact: 04/11/2011
	Data Release Frequency: No Update Planned

SWTIRE: Registered Waste Tire Storage & Facility List

A listing of facilities registered to accept waste tires.

Date of Government Version: 08/01/2006	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 11/15/2006	Telephone: 518-402-8694
Date Made Active in Reports: 11/30/2006	Last EDR Contact: 11/04/2010
Number of Days to Update: 15	Next Scheduled EDR Contact: 02/07/2011
	Data Release Frequency: Annually

SWRCY: Registered Recycling Facility List

A listing of recycling facilities.

Date of Government Version: 10/13/2010	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 10/14/2010	Telephone: 518-402-8705
Date Made Active in Reports: 11/15/2010	Last EDR Contact: 01/10/2011
Number of Days to Update: 32	Next Scheduled EDR Contact: 01/25/2011
	Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998

Date Data Arrived at EDR: 12/03/2007

Date Made Active in Reports: 01/24/2008

Number of Days to Update: 52

Source: Environmental Protection Agency

Telephone: 703-308-8245

Last EDR Contact: 11/09/2010

Next Scheduled EDR Contact: 02/21/2011

Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 05/07/2010

Date Data Arrived at EDR: 06/18/2010

Date Made Active in Reports: 08/17/2010

Number of Days to Update: 60

Source: Drug Enforcement Administration

Telephone: 202-307-1000

Last EDR Contact: 12/08/2010

Next Scheduled EDR Contact: 03/21/2011

Data Release Frequency: Quarterly

DEL SHWS: Delisted Registry Sites

A database listing of sites delisted from the Registry of Inactive Hazardous Waste Disposal Sites.

Date of Government Version: 08/24/2010

Date Data Arrived at EDR: 08/25/2010

Date Made Active in Reports: 09/24/2010

Number of Days to Update: 30

Source: Department of Environmental Conservation

Telephone: 518-402-9622

Last EDR Contact: 11/23/2010

Next Scheduled EDR Contact: 03/07/2011

Data Release Frequency: Annually

US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 09/01/2007

Date Data Arrived at EDR: 11/19/2008

Date Made Active in Reports: 03/30/2009

Number of Days to Update: 131

Source: Drug Enforcement Administration

Telephone: 202-307-1000

Last EDR Contact: 03/23/2009

Next Scheduled EDR Contact: 06/22/2009

Data Release Frequency: No Update Planned

Local Lists of Registered Storage Tanks

HIST UST: Historical Petroleum Bulk Storage Database

These facilities have petroleum storage capacities in excess of 1,100 gallons and less than 400,000 gallons. This database contains detailed information per site. It is no longer updated due to the sensitive nature of the information involved. See UST for more current data.

Date of Government Version: 01/01/2002

Date Data Arrived at EDR: 06/02/2006

Date Made Active in Reports: 07/20/2006

Number of Days to Update: 48

Source: Department of Environmental Conservation

Telephone: 518-402-9549

Last EDR Contact: 10/23/2006

Next Scheduled EDR Contact: 01/22/2007

Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

HIST AST: Historical Petroleum Bulk Storage Database

These facilities have petroleum storage capabilities in excess of 1,100 gallons and less than 400,000 gallons. This database contains detailed information per site. No longer updated due to the sensitive nature of the information involved. See AST for more current data.

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 06/02/2006
Date Made Active in Reports: 07/20/2006
Number of Days to Update: 48

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 10/23/2006
Next Scheduled EDR Contact: 01/22/2007
Data Release Frequency: No Update Planned

Local Land Records

LIENS 2: CERCLA Lien Information

A Federal CERCLA ("Superfund") lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 05/06/2010
Date Data Arrived at EDR: 05/11/2010
Date Made Active in Reports: 08/09/2010
Number of Days to Update: 90

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 11/01/2010
Next Scheduled EDR Contact: 02/14/2011
Data Release Frequency: Varies

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 12/09/2005
Date Data Arrived at EDR: 12/11/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 31

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 11/22/2010
Next Scheduled EDR Contact: 03/07/2011
Data Release Frequency: Varies

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 04/06/2010
Date Data Arrived at EDR: 04/07/2010
Date Made Active in Reports: 05/27/2010
Number of Days to Update: 50

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 01/05/2011
Next Scheduled EDR Contact: 04/18/2011
Data Release Frequency: Annually

SPILLS: Spills Information Database

Data collected on spills reported to NYSDEC as required by one or more of the following: Article 12 of the Navigation Law, 6 NYCRR Section 613.8 (from PBS regs), or 6 NYCRR Section 595.2 (from CBS regs). It includes spills active as of April 1, 1986, as well as spills occurring since this date.

Date of Government Version: 11/23/2010
Date Data Arrived at EDR: 11/23/2010
Date Made Active in Reports: 12/17/2010
Number of Days to Update: 24

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 11/23/2010
Next Scheduled EDR Contact: 03/07/2011
Data Release Frequency: Varies

HIST SPILLS: SPILLS Database

This database contains records of chemical and petroleum spill incidents. Under State law, petroleum and hazardous chemical spills that can impact the waters of the state must be reported by the spiller (and, in some cases, by anyone who has knowledge of the spills). In 2002, the Department of Environmental Conservation stopped providing updates to its original Spills Information Database. This database includes fields that are no longer available from the NYDEC as of January 1, 2002. Current information may be found in the NY SPILLS database. Department of Environmental Conservation.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 07/08/2005
Date Made Active in Reports: 07/14/2005
Number of Days to Update: 6

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 07/07/2005
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Other Ascertainable Records

RCRA-NonGen: RCRA - Non Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 02/17/2010
Date Data Arrived at EDR: 02/19/2010
Date Made Active in Reports: 05/17/2010
Number of Days to Update: 87

Source: Environmental Protection Agency
Telephone: (212) 637-3660
Last EDR Contact: 01/06/2011
Next Scheduled EDR Contact: 04/18/2011
Data Release Frequency: Varies

DOT OPS: Incident and Accident Data

Department of Transportation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 01/12/2010
Date Data Arrived at EDR: 02/09/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 62

Source: Department of Transportation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 11/09/2010
Next Scheduled EDR Contact: 02/21/2011
Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 11/10/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 62

Source: USGS
Telephone: 703-692-8801
Last EDR Contact: 10/28/2010
Next Scheduled EDR Contact: 01/31/2011
Data Release Frequency: Semi-Annually

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 08/12/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 112

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 12/13/2010
Next Scheduled EDR Contact: 03/28/2011
Data Release Frequency: Varies

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 07/01/2010
Date Data Arrived at EDR: 08/11/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 113

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 01/03/2011
Next Scheduled EDR Contact: 04/18/2011
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 06/01/2010	Source: EPA
Date Data Arrived at EDR: 06/16/2010	Telephone: 703-416-0223
Date Made Active in Reports: 08/17/2010	Last EDR Contact: 12/10/2010
Number of Days to Update: 62	Next Scheduled EDR Contact: 03/28/2011
	Data Release Frequency: Annually

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 12/14/2009	Source: Department of Energy
Date Data Arrived at EDR: 09/29/2010	Telephone: 505-845-0011
Date Made Active in Reports: 10/04/2010	Last EDR Contact: 11/29/2010
Number of Days to Update: 5	Next Scheduled EDR Contact: 03/14/2011
	Data Release Frequency: Varies

MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 08/04/2010	Source: Department of Labor, Mine Safety and Health Administration
Date Data Arrived at EDR: 09/09/2010	Telephone: 303-231-5959
Date Made Active in Reports: 12/02/2010	Last EDR Contact: 09/09/2010
Number of Days to Update: 84	Next Scheduled EDR Contact: 03/21/2011
	Data Release Frequency: Semi-Annually

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2008	Source: EPA
Date Data Arrived at EDR: 01/13/2010	Telephone: 202-566-0250
Date Made Active in Reports: 02/18/2010	Last EDR Contact: 12/17/2010
Number of Days to Update: 36	Next Scheduled EDR Contact: 03/14/2011
	Data Release Frequency: Annually

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2006	Source: EPA
Date Data Arrived at EDR: 09/29/2010	Telephone: 202-260-5521
Date Made Active in Reports: 12/02/2010	Last EDR Contact: 12/29/2010
Number of Days to Update: 64	Next Scheduled EDR Contact: 04/11/2011
	Data Release Frequency: Every 4 Years

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act) FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009	Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 11/29/2010
Number of Days to Update: 25	Next Scheduled EDR Contact: 03/14/2011
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009	Source: EPA
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 11/29/2010
Number of Days to Update: 25	Next Scheduled EDR Contact: 03/14/2011
	Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/01/2007	Telephone: 202-564-2501
Date Made Active in Reports: 04/10/2007	Last EDR Contact: 12/17/2007
Number of Days to Update: 40	Next Scheduled EDR Contact: 03/17/2008
	Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/01/2007	Telephone: 202-564-2501
Date Made Active in Reports: 04/10/2007	Last EDR Contact: 12/17/2008
Number of Days to Update: 40	Next Scheduled EDR Contact: 03/17/2008
	Data Release Frequency: No Update Planned

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2008	Source: EPA
Date Data Arrived at EDR: 01/06/2010	Telephone: 202-564-4203
Date Made Active in Reports: 02/10/2010	Last EDR Contact: 11/01/2010
Number of Days to Update: 35	Next Scheduled EDR Contact: 02/14/2011
	Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 04/24/2010	Source: Environmental Protection Agency
Date Data Arrived at EDR: 04/29/2010	Telephone: 202-564-5088
Date Made Active in Reports: 05/17/2010	Last EDR Contact: 12/23/2010
Number of Days to Update: 18	Next Scheduled EDR Contact: 04/11/2011
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 02/01/2010	Source: EPA
Date Data Arrived at EDR: 04/22/2010	Telephone: 202-566-0500
Date Made Active in Reports: 08/09/2010	Last EDR Contact: 11/10/2010
Number of Days to Update: 109	Next Scheduled EDR Contact: 01/31/2011
	Data Release Frequency: Annually

MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 03/18/2010	Source: Nuclear Regulatory Commission
Date Data Arrived at EDR: 04/06/2010	Telephone: 301-415-7169
Date Made Active in Reports: 05/27/2010	Last EDR Contact: 12/13/2010
Number of Days to Update: 51	Next Scheduled EDR Contact: 03/28/2011
	Data Release Frequency: Quarterly

RADINFO: Radiation Information Database

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 07/13/2010	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/14/2010	Telephone: 202-343-9775
Date Made Active in Reports: 08/09/2010	Last EDR Contact: 10/14/2010
Number of Days to Update: 26	Next Scheduled EDR Contact: 01/24/2011
	Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 04/14/2010	Source: EPA
Date Data Arrived at EDR: 04/16/2010	Telephone: (212) 637-3000
Date Made Active in Reports: 05/27/2010	Last EDR Contact: 12/10/2010
Number of Days to Update: 41	Next Scheduled EDR Contact: 03/28/2011
	Data Release Frequency: Quarterly

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995	Source: EPA
Date Data Arrived at EDR: 07/03/1995	Telephone: 202-564-4104
Date Made Active in Reports: 08/07/1995	Last EDR Contact: 06/02/2008
Number of Days to Update: 35	Next Scheduled EDR Contact: 09/01/2008
	Data Release Frequency: No Update Planned

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2007
Date Data Arrived at EDR: 02/25/2010
Date Made Active in Reports: 05/12/2010
Number of Days to Update: 76

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 11/30/2010
Next Scheduled EDR Contact: 03/07/2011
Data Release Frequency: Biennially

HSWDS: Hazardous Substance Waste Disposal Site Inventory

The list includes any known or suspected hazardous substance waste disposal sites. Also included are sites delisted from the Registry of Inactive Hazardous Waste Disposal Sites and non-Registry sites that U.S. EPA Preliminary Assessment (PA) reports or Site Investigation (SI) reports were prepared. Hazardous Substance Waste Disposal Sites are eligible to be Superfund sites now that the New York State Superfund has been refinanced and changed. This means that the study inventory has served its purpose and will no longer be maintained as a separate entity. The last version of the study inventory is frozen in time. The sites on the study will not automatically be made Superfund sites, rather each site will be further evaluated for listing on the Registry. So overtime they will be added to the registry or not.

Date of Government Version: 01/01/2003
Date Data Arrived at EDR: 10/20/2006
Date Made Active in Reports: 11/30/2006
Number of Days to Update: 41

Source: Department of Environmental Conservation
Telephone: 518-402-9564
Last EDR Contact: 05/26/2009
Next Scheduled EDR Contact: 08/24/2009
Data Release Frequency: No Update Planned

NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 10/28/2010
Date Data Arrived at EDR: 11/09/2010
Date Made Active in Reports: 12/17/2010
Number of Days to Update: 38

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 11/09/2010
Next Scheduled EDR Contact: 02/21/2011
Data Release Frequency: Annually

DRYCLEANERS: Registered Drycleaners

A listing of all registered drycleaning facilities.

Date of Government Version: 11/19/2010
Date Data Arrived at EDR: 11/19/2010
Date Made Active in Reports: 12/17/2010
Number of Days to Update: 28

Source: Department of Environmental Conservation
Telephone: 518-402-8403
Last EDR Contact: 12/17/2010
Next Scheduled EDR Contact: 04/04/2011
Data Release Frequency: Varies

SPDES: State Pollutant Discharge Elimination System

New York State has a state program which has been approved by the United States Environmental Protection Agency for the control of wastewater and stormwater discharges in accordance with the Clean Water Act. Under New York State law the program is known as the State Pollutant Discharge Elimination System (SPDES) and is broader in scope than that required by the Clean Water Act in that it controls point source discharges to groundwaters as well as surface waters.

Date of Government Version: 11/16/2010
Date Data Arrived at EDR: 11/19/2010
Date Made Active in Reports: 12/17/2010
Number of Days to Update: 28

Source: Department of Environmental Conservation
Telephone: 518-402-8233
Last EDR Contact: 11/16/2010
Next Scheduled EDR Contact: 01/31/2011
Data Release Frequency: No Update Planned

AIRS: Air Emissions Data

Point source emissions inventory data.

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 11/02/2010
Date Made Active in Reports: 12/17/2010
Number of Days to Update: 45

Source: Department of Environmental Conservation
Telephone: 518-402-8452
Last EDR Contact: 11/01/2010
Next Scheduled EDR Contact: 02/14/2011
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

E DESIGNATION: E DESIGNATION SITE LISTING

The (E (Environmental)) designation would ensure that sampling and remediation take place on the subject properties, and would avoid any significant impacts related to hazardous materials at these locations. The (E) designations would require that the fee owner of the sites conduct a testing and sampling protocol, and remediation where appropriate, to the satisfaction of the NYCDEP before the issuance of a building permit by the Department of Buildings pursuant to the provisions of Section 11-15 of the Zoning Resolution (Environmental Requirements). The (E) designations also include a mandatory construction-related health and safety plan which must be approved by NYCDEP.

Date of Government Version: 09/16/2010	Source: New York City Department of City Planning
Date Data Arrived at EDR: 10/05/2010	Telephone: 718-595-6658
Date Made Active in Reports: 11/15/2010	Last EDR Contact: 12/22/2010
Number of Days to Update: 41	Next Scheduled EDR Contact: 04/11/2011
	Data Release Frequency: Varies

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2005	Source: USGS
Date Data Arrived at EDR: 12/08/2006	Telephone: 202-208-3710
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 10/28/2010
Number of Days to Update: 34	Next Scheduled EDR Contact: 01/31/2011
	Data Release Frequency: Semi-Annually

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 08/31/2010	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/01/2010	Telephone: 615-532-8599
Date Made Active in Reports: 12/02/2010	Last EDR Contact: 12/13/2010
Number of Days to Update: 92	Next Scheduled EDR Contact: 02/07/2011
	Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 11/09/2009	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/18/2009	Telephone: N/A
Date Made Active in Reports: 02/10/2010	Last EDR Contact: 12/21/2010
Number of Days to Update: 54	Next Scheduled EDR Contact: 03/28/2011
	Data Release Frequency: Varies

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 12/31/2005	Source: U.S. Geological Survey
Date Data Arrived at EDR: 02/06/2006	Telephone: 888-275-8747
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 10/28/2010
Number of Days to Update: 339	Next Scheduled EDR Contact: 01/31/2011
	Data Release Frequency: N/A

COAL ASH DOE: Sleam-Electric Plan Operation Data

A listing of power plants that store ash in surface ponds.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 08/07/2009
Date Made Active in Reports: 10/22/2009
Number of Days to Update: 76

Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 10/28/2010
Next Scheduled EDR Contact: 01/31/2011
Data Release Frequency: Varies

COAL ASH: Coal Ash Disposal Site Listing
A listing of coal ash disposal site locations.

Date of Government Version: 10/14/2010
Date Data Arrived at EDR: 10/14/2010
Date Made Active in Reports: 11/15/2010
Number of Days to Update: 32

Source: Department of Environmental Conservation
Telephone: 518-402-8660
Last EDR Contact: 01/10/2011
Next Scheduled EDR Contact: 04/25/2011
Data Release Frequency: Varies

FINANCIAL ASSURANCE 2: Financial Assurance Information Listing

A listing of financial assurance information for hazardous waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 10/31/2008
Date Data Arrived at EDR: 11/25/2008
Date Made Active in Reports: 12/11/2008
Number of Days to Update: 16

Source: Department of Environmental Conservation
Telephone: 518-402-8712
Last EDR Contact: 01/10/2011
Next Scheduled EDR Contact: 04/25/2011
Data Release Frequency: Varies

FINANCIAL ASSURANCE: Financial Assurance Information Listing

Financial assurance information.

Date of Government Version: 10/12/2010
Date Data Arrived at EDR: 10/12/2010
Date Made Active in Reports: 11/15/2010
Number of Days to Update: 34

Source: Department of Environmental Conservation
Telephone: 518-402-8660
Last EDR Contact: 01/10/2011
Next Scheduled EDR Contact: 04/25/2011
Data Release Frequency: Quarterly

PCB TRANSFORMER: PCB Transformer Registration Database

The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 01/01/2008
Date Data Arrived at EDR: 02/18/2009
Date Made Active in Reports: 05/29/2009
Number of Days to Update: 100

Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 11/10/2010
Next Scheduled EDR Contact: 02/14/2011
Data Release Frequency: Varies

EDR PROPRIETARY RECORDS

EDR Proprietary Records

Manufactured Gas Plants: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

COUNTY RECORDS

CORTLAND COUNTY:

Cortland County Storage Tank Listing

A listing of aboveground storage tank sites located in Cortland County.

Date of Government Version: 09/10/2010	Source: Cortland County Health Department
Date Data Arrived at EDR: 09/14/2010	Telephone: 607-753-5035
Date Made Active in Reports: 11/19/2010	Last EDR Contact: 11/22/2010
Number of Days to Update: 66	Next Scheduled EDR Contact: 02/21/2011
	Data Release Frequency: Quarterly

Cortland County Storage Tank Listing

A listing of underground storage tank sites located in Cortland County.

Date of Government Version: 09/10/2010	Source: Cortland County Health Department
Date Data Arrived at EDR: 09/14/2010	Telephone: 607-753-5035
Date Made Active in Reports: 11/19/2010	Last EDR Contact: 11/22/2010
Number of Days to Update: 66	Next Scheduled EDR Contact: 02/21/2011
	Data Release Frequency: Quarterly

NASSAU COUNTY:

Registered Tank Database

A listing of aboveground storage tank sites located in Nassau County.

Date of Government Version: 05/21/2003	Source: Nassau County Health Department
Date Data Arrived at EDR: 05/27/2003	Telephone: 516-571-3314
Date Made Active in Reports: 06/09/2003	Last EDR Contact: 01/10/2011
Number of Days to Update: 13	Next Scheduled EDR Contact: 04/25/2011
	Data Release Frequency: No Update Planned

Storage Tank Database

A listing of aboveground storage tank sites located in Nassau County.

Date of Government Version: 11/19/2010	Source: Nassau County Office of the Fire Marshal
Date Data Arrived at EDR: 11/30/2010	Telephone: 516-572-1000
Date Made Active in Reports: 12/15/2010	Last EDR Contact: 11/08/2010
Number of Days to Update: 15	Next Scheduled EDR Contact: 02/21/2011
	Data Release Frequency: Varies

Registered Tank Database

A listing of underground storage tank sites located in Nassau County.

Date of Government Version: 05/21/2003	Source: Nassau County Health Department
Date Data Arrived at EDR: 05/27/2003	Telephone: 516-571-3314
Date Made Active in Reports: 06/09/2003	Last EDR Contact: 01/10/2011
Number of Days to Update: 13	Next Scheduled EDR Contact: 04/25/2011
	Data Release Frequency: No Update Planned

Storage Tank Database

A listing of underground storage tank sites located in Nassau County.

Date of Government Version: 11/19/2010	Source: Nassau County Office of the Fire Marshal
Date Data Arrived at EDR: 11/30/2010	Telephone: 516-572-1000
Date Made Active in Reports: 12/14/2010	Last EDR Contact: 11/08/2010
Number of Days to Update: 14	Next Scheduled EDR Contact: 02/21/2011
	Data Release Frequency: Varies

ROCKLAND COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Petroleum Bulk Storage Database

A listing of aboveground storage tank sites located in Rockland County.

Date of Government Version: 06/25/2010
Date Data Arrived at EDR: 06/25/2010
Date Made Active in Reports: 08/10/2010
Number of Days to Update: 46

Source: Rockland County Health Department
Telephone: 914-364-2605
Last EDR Contact: 12/13/2010
Next Scheduled EDR Contact: 03/28/2011
Data Release Frequency: Quarterly

Petroleum Bulk Storage Database

A listing of underground storage tank sites located in Rockland County.

Date of Government Version: 06/25/2010
Date Data Arrived at EDR: 06/25/2010
Date Made Active in Reports: 08/10/2010
Number of Days to Update: 46

Source: Rockland County Health Department
Telephone: 914-364-2605
Last EDR Contact: 12/13/2010
Next Scheduled EDR Contact: 03/28/2011
Data Release Frequency: Quarterly

SUFFOLK COUNTY:

Storage Tank Database

A listing of aboveground storage tank sites located in Suffolk County.

Date of Government Version: 09/13/2006
Date Data Arrived at EDR: 01/11/2007
Date Made Active in Reports: 02/07/2007
Number of Days to Update: 27

Source: Suffolk County Department of Health Services
Telephone: 631-854-2521
Last EDR Contact: 11/08/2010
Next Scheduled EDR Contact: 02/21/2011
Data Release Frequency: Annually

Storage Tank Database

A listing of underground storage tank sites located in Suffolk County.

Date of Government Version: 09/13/2006
Date Data Arrived at EDR: 01/11/2007
Date Made Active in Reports: 02/07/2007
Number of Days to Update: 27

Source: Suffolk County Department of Health Services
Telephone: 631-854-2521
Last EDR Contact: 11/08/2010
Next Scheduled EDR Contact: 02/21/2011
Data Release Frequency: Annually

WESTCHESTER COUNTY:

Listing of Storage Tanks

A listing of aboveground storage tank sites located in Westchester County.

Date of Government Version: 05/05/2005
Date Data Arrived at EDR: 05/31/2005
Date Made Active in Reports: 06/30/2005
Number of Days to Update: 30

Source: Westchester County Department of Health
Telephone: 914-813-5161
Last EDR Contact: 11/08/2010
Next Scheduled EDR Contact: 02/21/2011
Data Release Frequency: Varies

Listing of Storage Tanks

A listing of underground storage tank sites located in Westchester County.

Date of Government Version: 05/05/2005
Date Data Arrived at EDR: 05/31/2005
Date Made Active in Reports: 06/30/2005
Number of Days to Update: 30

Source: Westchester County Department of Health
Telephone: 914-813-5161
Last EDR Contact: 11/08/2010
Next Scheduled EDR Contact: 02/21/2011
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 12/31/2007	Source: Department of Environmental Protection
Date Data Arrived at EDR: 08/26/2009	Telephone: 860-424-3375
Date Made Active in Reports: 09/11/2009	Last EDR Contact: 12/01/2010
Number of Days to Update: 16	Next Scheduled EDR Contact: 03/07/2011
	Data Release Frequency: Annually

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2009	Source: Department of Environmental Protection
Date Data Arrived at EDR: 07/22/2010	Telephone: N/A
Date Made Active in Reports: 08/26/2010	Last EDR Contact: 10/19/2010
Number of Days to Update: 35	Next Scheduled EDR Contact: 01/31/2011
	Data Release Frequency: Annually

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2008	Source: Department of Environmental Protection
Date Data Arrived at EDR: 12/01/2009	Telephone: 717-783-8990
Date Made Active in Reports: 12/14/2009	Last EDR Contact: 11/22/2010
Number of Days to Update: 13	Next Scheduled EDR Contact: 03/07/2011
	Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2009	Source: Department of Environmental Management
Date Data Arrived at EDR: 07/19/2010	Telephone: 401-222-2797
Date Made Active in Reports: 08/26/2010	Last EDR Contact: 11/29/2010
Number of Days to Update: 38	Next Scheduled EDR Contact: 03/14/2011
	Data Release Frequency: Annually

VT MANIFEST: Hazardous Waste Manifest Data

Hazardous waste manifest information.

Date of Government Version: 03/29/2010	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 05/14/2010	Telephone: 802-241-3443
Date Made Active in Reports: 06/22/2010	Last EDR Contact: 10/25/2010
Number of Days to Update: 39	Next Scheduled EDR Contact: 02/07/2011
	Data Release Frequency: Annually

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2009	Source: Department of Natural Resources
Date Data Arrived at EDR: 07/06/2010	Telephone: N/A
Date Made Active in Reports: 07/26/2010	Last EDR Contact: 12/16/2010
Number of Days to Update: 20	Next Scheduled EDR Contact: 04/04/2011
	Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Oil/Gas Pipelines: This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines.

Electric Power Transmission Line Data

Source: Rextag Strategies Corp.

Telephone: (281) 769-2247

U.S. Electric Transmission and Power Plants Systems Digital GIS Data

Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:

Source: American Hospital Association, Inc.

Telephone: 312-280-5991

The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services

Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes

Source: National Institutes of Health

Telephone: 301-594-6248

Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Day Care Providers

Source: Department of Health

Telephone: 212-676-2444

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2009 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Freshwater Wetlands

Source: Department of Environmental Conservation

Telephone: 518-402-8961

Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

STREET AND ADDRESS INFORMATION

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GEOCHECK[®] - PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

WASTEBEDS 9 THROUGH 15
GERELOCK RD
SYRACUSE, NY 13209

TARGET PROPERTY COORDINATES

Latitude (North): 43.07100 - 43° 4' 15.6"
Longitude (West): 76.2496 - 76° 14' 58.6"
Universal Transverse Mercator: Zone 18
UTM X (Meters): 398261.1
UTM Y (Meters): 4769242.0
Elevation: 399 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map: 43076-A2 SYRACUSE WEST, NY
Most Recent Revision: 1978

West Map: 43076-A3 CAMILLUS, NY
Most Recent Revision: 1978

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

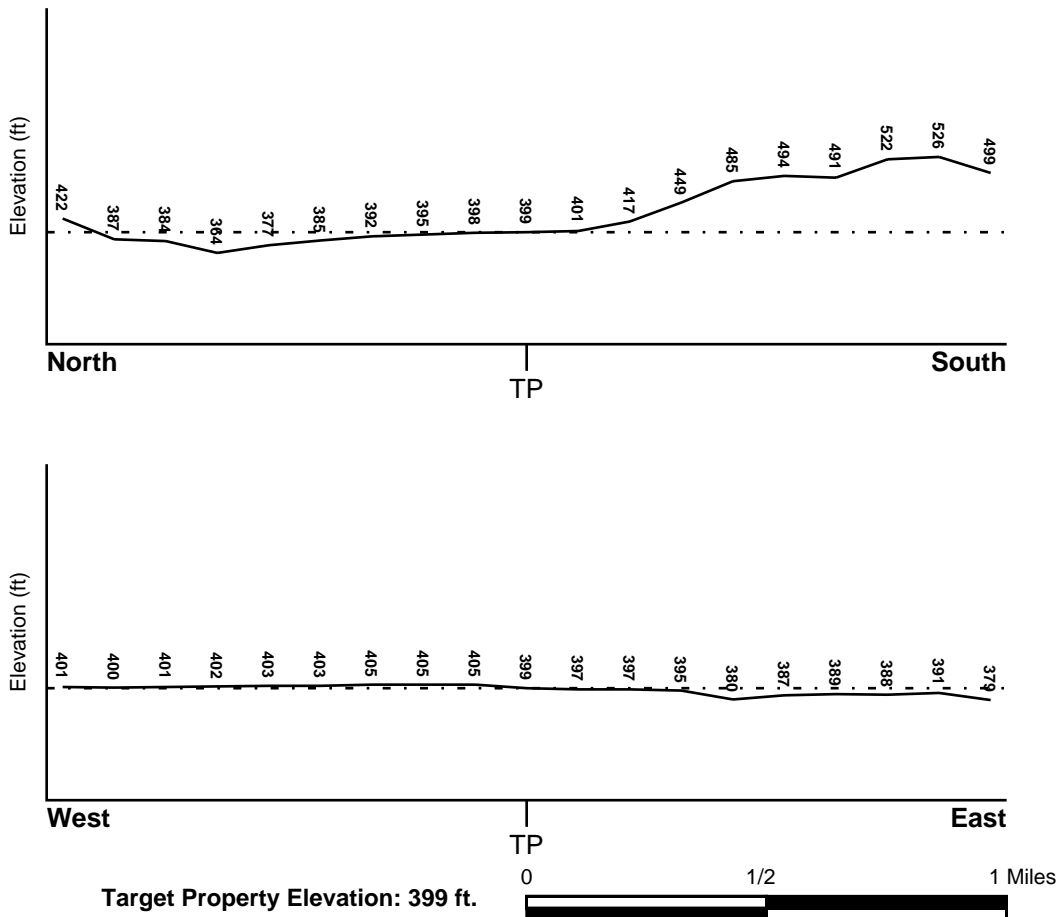
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General NNE

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

Target Property County
ONONDAGA, NY

FEMA Flood
Electronic Data
YES - refer to the Overview Map and Detail Map

Flood Plain Panel at Target Property: 3605700004C - FEMA Q3 Flood data

Additional Panels in search area: 3605790003C - FEMA Q3 Flood data
00000000000 - FEMA Q3 Flood data
3605700007C - FEMA Q3 Flood data

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property
SYRACUSE WEST

NWI Electronic
Data Coverage
YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data*:

Search Radius: 1.25 miles
Status: Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

<u>MAP ID</u>	<u>LOCATION FROM TP</u>	<u>GENERAL DIRECTION GROUNDWATER FLOW</u>
Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

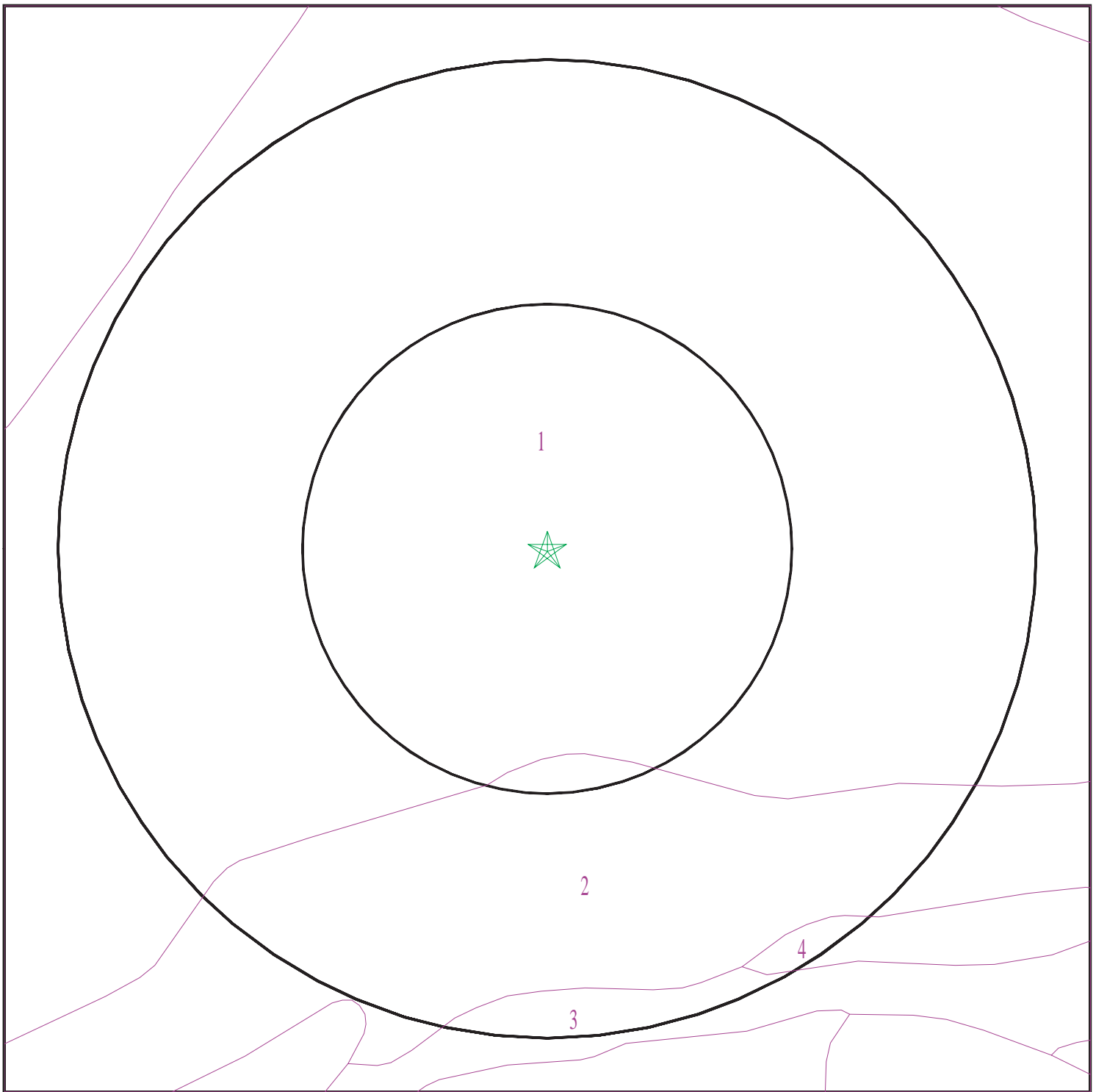
Era: Paleozoic
System: Silurian
Series: Upper Silurian (Cayugan)
Code: S3 (*decoded above as Era, System & Series*)

GEOLOGIC AGE IDENTIFICATION

Category: Stratified Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

SSURGO SOIL MAP - 02963764.2r



- ★ Target Property
- SSURGO Soil
- Water



SITE NAME: Wastebeds 9 Through 15
ADDRESS: Gerelock Rd
Syracuse NY 13209
LAT/LONG: 43.0710 / 76.2496

CLIENT: O'Brien & Gere Engineers, Inc.
CONTACT: Michael Miller
INQUIRY #: 02963764.2r
DATE: January 10, 2011 4:52 pm

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. The following information is based on Soil Conservation Service SSURGO data.

Soil Map ID: 1

Soil Component Name: Made land

Soil Surface Texture:
Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Moderately well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 122 inches

No Layer Information available.

Soil Map ID: 2

Soil Component Name: Brockport

Soil Surface Texture: silty clay loam

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Somewhat poorly drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 31 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	11 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	Not reported	Max: 0.01 Min: 0	Max: Min:
2	11 inches	24 inches	silty clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	Not reported	Max: 0.01 Min: 0	Max: Min:
3	24 inches	33 inches	very channery silty clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	Not reported	Max: 0.01 Min: 0	Max: Min:
4	33 inches	37 inches	weathered bedrock	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	Not reported	Max: 0.01 Min: 0	Max: Min:

Soil Map ID: 3

Soil Component Name: Lairdsville

Soil Surface Texture: silty clay loam

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Moderately well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 68 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	7 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	Not reported	Max: 0.01 Min: 0	Max: Min:
2	7 inches	24 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	Not reported	Max: 0.01 Min: 0	Max: Min:
3	24 inches	27 inches	weathered bedrock	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	Not reported	Max: 0.01 Min: 0	Max: Min:

Soil Map ID: 4

Soil Component Name: Lairdsville

Soil Surface Texture: silt loam

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Moderately well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 68 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	7 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	Not reported	Max: 0.01 Min: 0	Max: Min:
2	7 inches	29 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	Not reported	Max: 0.01 Min: 0	Max: Min:
3	29 inches	33 inches	weathered bedrock	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	Not reported	Max: 0.01 Min: 0	Max: Min:

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

<u>DATABASE</u>	<u>SEARCH DISTANCE (miles)</u>
Federal USGS	2.250
Federal FRDS PWS	Nearest PWS within 1.250 miles
State Database	2.250

FEDERAL USGS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
A1	USGS2207297	1/4 - 1/2 Mile East
A2	USGS2207296	1/4 - 1/2 Mile East
3	USGS2207300	1/2 - 1 Mile East
4	USGS2207304	1/2 - 1 Mile East
5	USGS2207334	1/2 - 1 Mile NE

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
6	USGS2207346	1/2 - 1 Mile NW
7	USGS2207303	1/2 - 1 Mile East
8	USGS2207310	1/2 - 1 Mile East
B9	USGS2207396	1/2 - 1 Mile SE
10	USGS2207315	1/2 - 1 Mile ENE
B11	USGS2207394	1 - 2 Miles SE
C12	USGS2207349	1 - 2 Miles ENE
13	USGS2207365	1 - 2 Miles NE
14	USGS2207554	1 - 2 Miles SE
C15	USGS2207354	1 - 2 Miles ENE
16	USGS2207540	1 - 2 Miles SW
17	USGS2207364	1 - 2 Miles ENE
18	USGS2207181	1 - 2 Miles NE
19	USGS2207439	1 - 2 Miles ESE
20	USGS2207199	1 - 2 Miles NE
D21	USGS2207376	1 - 2 Miles ENE
22	USGS2207530	1 - 2 Miles SE
D23	USGS2207339	1 - 2 Miles ENE
D24	USGS2207374	1 - 2 Miles ENE
25	USGS2207184	1 - 2 Miles NE
26	USGS2207413	1 - 2 Miles ESE
27	USGS2207515	1 - 2 Miles SE
E28	USGS2207225	1 - 2 Miles NNE
E29	USGS2207226	1 - 2 Miles NNE
30	USGS2207531	1 - 2 Miles SW
31	USGS2207245	1 - 2 Miles NNE
32	USGS2207197	1 - 2 Miles NE
33	USGS2207520	1 - 2 Miles SW
34	USGS2207360	1 - 2 Miles ENE
35	USGS2207420	1 - 2 Miles ESE
36	USGS2207521	1 - 2 Miles SW
37	USGS2207532	2 - 3 Miles SW
38	USGS2207410	2 - 3 Miles ESE
F39	USGS2207254	2 - 3 Miles NNE
F40	USGS2207253	2 - 3 Miles NNE
41	USGS2207535	2 - 3 Miles WSW
42	USGS2207289	2 - 3 Miles East
43	USGS2207278	2 - 3 Miles East
44	USGS2207251	2 - 3 Miles NNE
45	USGS2207615	2 - 3 Miles SSE
46	USGS2207404	2 - 3 Miles ESE
47	USGS2207284	2 - 3 Miles East

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No PWS System Found		

Note: PWS System location is not always the same as well location.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

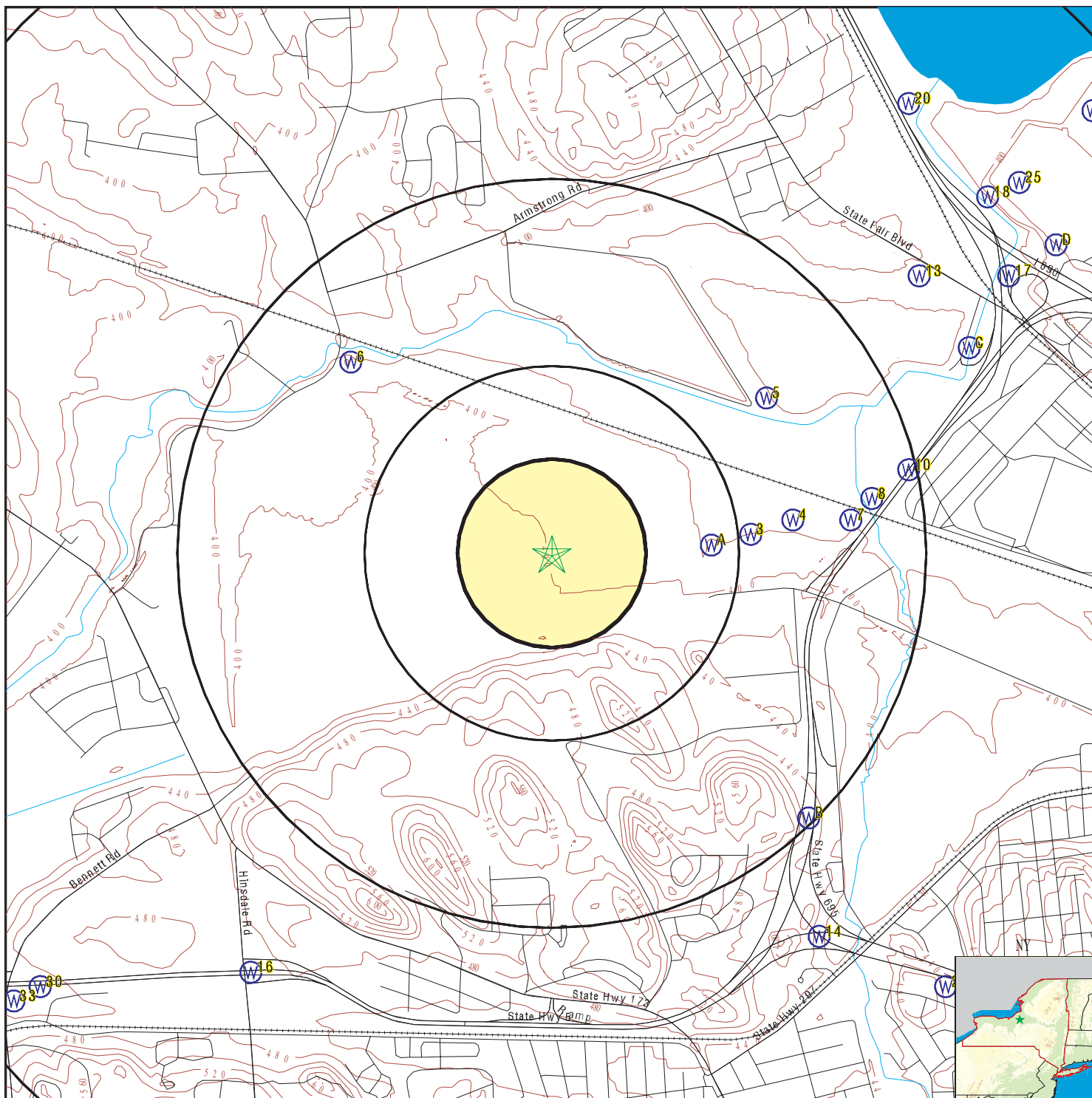
MAP ID

WELL ID

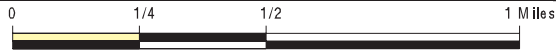
LOCATION
FROM TP

No Wells Found

PHYSICAL SETTING SOURCE MAP - 02963764.2r



- County Boundary
- Major Roads
- Contour Lines
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons



- Groundwater Flow Direction
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location
- Closest Hydrogeological Data
- Oil, gas or related wells



SITE NAME: Wastebeds 9 Through 15
 ADDRESS: Gerelock Rd
 Syracuse NY 13209
 LAT/LONG: 43.0710 / 76.2496

CLIENT: O'Brien & Gere Engineers, Inc.
 CONTACT: Michael Miller
 INQUIRY #: 02963764.2r
 DATE: January 10, 2011 4:52 pm

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

A1
East
1/4 - 1/2 Mile
Lower

FED USGS USGS2207297

Agency cd:	USGS	Site no:	430417076143001
Site name:	OD1037		
Latitude:	430417	EDR Site id:	USGS2207297
Longitude:	0761430	Dec lat:	43.07145557
Dec lon:	-76.2413163	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	36
State:	36	County:	067
Country:	US	Land net:	Not Reported
Location map:	SYRACUSE WEST I-16-4	Map scale:	24000
Altitude:	380.5		
Altitude method:	Level or other surveying method		
Altitude accuracy:	.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Seneca. New York. Area = 3430 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19710222
Date inventoried:	20010613	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Test hole, not completed as a well		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	35.5
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

A2
East
1/4 - 1/2 Mile
Lower

FED USGS USGS2207296

Agency cd:	USGS	Site no:	430416076142901
Site name:	OD1840		
Latitude:	430416	EDR Site id:	USGS2207296
Longitude:	0761429	Dec lat:	43.07117779
Dec lon:	-76.24103851	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	36
State:	36	County:	067
Country:	US	Land net:	Not Reported
Location map:	SYRACUSE WEST	Map scale:	24000

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Altitude:	370		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	5		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Seneca. New York. Area = 3430 sq.mi.		
Topographic:	Flat surface		
Site type:	Spring	Date construction:	Not Reported
Date inventoried:	20030705	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Spring		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	2003-04-30
Water quality data end date:	2003-04-30	Water quality data count:	1
Ground water data begin date:	0000-00-00	Ground water data end date:	0000-00-00
Ground water data count:	0		

Ground-water levels, Number of Measurements: 0

3
East
1/2 - 1 Mile
Lower

FED USGS USGS2207300

Agency cd:	USGS	Site no:	430418076142201
Site name:	OD1038		
Latitude:	430418	EDR Site id:	USGS2207300
Longitude:	0761422	Dec lat:	43.07173336
Dec lon:	-76.239094	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	36
State:	36	County:	067
Country:	US	Land net:	Not Reported
Location map:	SYRACUSE WEST I-16-4	Map scale:	24000
Altitude:	381.5		
Altitude method:	Level or other surveying method		
Altitude accuracy:	.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Seneca. New York. Area = 3430 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19710223
Date inventoried:	20010613	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Test hole, not completed as a well		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	17.8
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Peak flow data count: Not Reported
 Water quality data end date: Not Reported
 Ground water data begin date: Not Reported
 Ground water data count: Not Reported

Water quality data begin date: Not Reported
 Water quality data count: Not Reported
 Ground water data end date: Not Reported

Ground-water levels, Number of Measurements: 0

4
East
1/2 - 1 Mile
Lower

FED USGS USGS2207304

Agency cd:	USGS	Site no:	430420076141401
Site name:	OD1035		
Latitude:	430420	EDR Site id:	USGS2207304
Longitude:	0761414	Dec lat:	43.07228892
Dec lon:	-76.23687171	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	36
State:	36	County:	067
Country:	US	Land net:	Not Reported
Location map:	SYRACUSE WEST I-16-4	Map scale:	24000
Altitude:	376.4		
Altitude method:	Level or other surveying method		
Altitude accuracy:	.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Seneca. New York. Area = 3430 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19710224
Date inventoried:	20010613	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Test hole, not completed as a well		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	24
Source of depth data:	driller		
Project number:	Not Reported		
Real time data flag:	Not Reported		
Daily flow data end date:	Not Reported	Daily flow data begin date:	Not Reported
Peak flow data begin date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data count:	Not Reported	Peak flow data end date:	Not Reported
Water quality data end date:	Not Reported	Water quality data begin date:	Not Reported
Ground water data begin date:	Not Reported	Water quality data count:	Not Reported
Ground water data count:	Not Reported	Ground water data end date:	Not Reported

Ground-water levels, Number of Measurements: 0

5
NE
1/2 - 1 Mile
Lower

FED USGS USGS2207334

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Agency cd:	USGS	Site no:	430437076141901
Site name:	OD1027		
Latitude:	430437	EDR Site id:	USGS2207334
Longitude:	0761419	Dec lat:	43.07701119
Dec lon:	-76.23826066	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	36
State:	36	County:	067
Country:	US	Land net:	Not Reported
Location map:	SYRACUSE WEST I-16-4	Map scale:	24000
Altitude:	377.5		
Altitude method:	Level or other surveying method		
Altitude accuracy:	.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Seneca. New York. Area = 3430 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19870106
Date inventoried:	20010608	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Test hole, not completed as a well		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	112.4
Source of depth data:	driller		
Project number:	Not Reported		
Real time data flag:	Not Reported		
Daily flow data end date:	Not Reported	Daily flow data begin date:	Not Reported
Peak flow data begin date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data count:	Not Reported	Peak flow data end date:	Not Reported
Water quality data begin date:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

**6
NW
1/2 - 1 Mile
Lower**

FED USGS USGS2207346

Agency cd:	USGS	Site no:	430442076153801
Site name:	OD 534		
Latitude:	430442	EDR Site id:	USGS2207346
Longitude:	0761538	Dec lat:	43.07840007
Dec lon:	-76.26020594	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	36
State:	36	County:	067
Country:	US	Land net:	Not Reported
Location map:	CAMILLUS I-15-3	Map scale:	24000
Altitude:	380.3		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	5		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Seneca. New York. Area = 3430 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19830707
Date inventoried:	Not Reported	Mean greenwich time offset:	EST

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Local standard time flag:	N		
Type of ground water site:	Test hole, not completed as a well		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	101
Source of depth data:	driller		
Project number:	Not Reported		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

7
East
1/2 - 1 Mile
Lower

FED USGS USGS2207303

Agency cd:	USGS	Site no:	430420076140301
Site name:	OD1081		
Latitude:	430420	EDR Site id:	USGS2207303
Longitude:	0761403	Dec lat:	43.07228892
Dec lon:	-76.23381605	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	36
State:	36	County:	067
Country:	US	Land net:	Not Reported
Location map:	SYRACUSE WEST I-16-4	Map scale:	24000
Altitude:	374.0		
Altitude method:	Level or other surveying method		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Seneca, New York. Area = 3430 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19650503
Date inventoried:	20010713	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Test hole, not completed as a well		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	85
Source of depth data:	logs		
Project number:	Not Reported		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

8
East
1/2 - 1 Mile
Lower

FED USGS USGS2207310

Agency cd:	USGS	Site no:	430423076135901
Site name:	OD1082		
Latitude:	430423	EDR Site id:	USGS2207310
Longitude:	0761359	Dec lat:	43.07312227
Dec lon:	-76.23270491	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	36
State:	36	County:	067
Country:	US	Land net:	Not Reported
Location map:	SYRACUSE WEST I-16-4	Map scale:	24000
Altitude:	378.1		
Altitude method:	Level or other surveying method		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Seneca. New York. Area = 3430 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19650531
Date inventoried:	20010713	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Test hole, not completed as a well		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	80.0
Source of depth data:	logs		
Project number:	Not Reported		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

B9
SE
1/2 - 1 Mile
Higher

FED USGS USGS2207396

Agency cd:	USGS	Site no:	430339076141301
Site name:	OD1076		
Latitude:	430339	EDR Site id:	USGS2207396
Longitude:	0761413	Dec lat:	43.06089991
Dec lon:	-76.23659388	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	36
State:	36	County:	067
Country:	US	Land net:	Not Reported
Location map:	SYRACUSE WEST I-16-4	Map scale:	24000

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Altitude:	493.9		
Altitude method:	Level or other surveying method		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Seneca. New York. Area = 3430 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19650412
Date inventoried:	20010713	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Test hole, not completed as a well		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	56.5
Source of depth data:	logs		
Project number:	Not Reported		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

**10
ENE
1/2 - 1 Mile
Lower**

FED USGS USGS2207315

Agency cd:	USGS	Site no:	430427076135201
Site name:	OD1083		
Latitude:	430427	EDR Site id:	USGS2207315
Longitude:	0761352	Dec lat:	43.07423339
Dec lon:	-76.23076041	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	36
State:	36	County:	067
Country:	US	Land net:	Not Reported
Location map:	SYRACUSE WEST I-16-4	Map scale:	24000
Altitude:	369.5		
Altitude method:	Level or other surveying method		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Seneca. New York. Area = 3430 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19650416
Date inventoried:	20010713	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Test hole, not completed as a well		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	85.0
Source of depth data:	logs		
Project number:	Not Reported		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Peak flow data count: Not Reported
 Water quality data end date: Not Reported
 Ground water data begin date: Not Reported
 Ground water data count: Not Reported

Water quality data begin date: Not Reported
 Water quality data count: Not Reported
 Ground water data end date: Not Reported

Ground-water levels, Number of Measurements: 0

B11
SE
1 - 2 Miles
Higher

FED USGS USGS2207394

Agency cd:	USGS	Site no:	430338076140901
Site name:	OD1077		
Latitude:	430338	EDR Site id:	USGS2207394
Longitude:	0761409	Dec lat:	43.06062213
Dec lon:	-76.23548273	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	36
State:	36	County:	067
Country:	US	Land net:	Not Reported
Location map:	SYRACUSE WEST I-16-4	Map scale:	24000
Altitude:	452.6		
Altitude method:	Level or other surveying method		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Seneca. New York. Area = 3430 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19650412
Date inventoried:	20010713	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Test hole, not completed as a well		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	34.0
Source of depth data:	logs		
Project number:	Not Reported		
Real time data flag:	Not Reported		
Daily flow data end date:	Not Reported	Daily flow data begin date:	Not Reported
Peak flow data begin date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data count:	Not Reported	Peak flow data end date:	Not Reported
Water quality data end date:	Not Reported	Water quality data begin date:	Not Reported
Ground water data begin date:	Not Reported	Water quality data count:	Not Reported
Ground water data count:	Not Reported	Ground water data end date:	Not Reported

Ground-water levels, Number of Measurements: 0

C12
ENE
1 - 2 Miles
Lower

FED USGS USGS2207349

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Agency cd:	USGS	Site no:	430443076134101
Site name:	OD1079		
Latitude:	430443	EDR Site id:	USGS2207349
Longitude:	0761341	Dec lat:	43.07867789
Dec lon:	-76.22770477	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	36
State:	36	County:	067
Country:	US	Land net:	Not Reported
Location map:	SYRACUSE WEST I-16-4	Map scale:	24000
Altitude:	368.2		
Altitude method:	Level or other surveying method		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Seneca. New York. Area = 3430 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19690324
Date inventoried:	20010713	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Test hole, not completed as a well		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	95.0
Source of depth data:	logs		
Project number:	Not Reported		
Real time data flag:	Not Reported		
Daily flow data end date:	Not Reported	Daily flow data begin date:	Not Reported
Peak flow data begin date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data count:	Not Reported	Peak flow data end date:	Not Reported
Water quality data begin date:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

**13
NE
1 - 2 Miles
Lower**

FED USGS USGS2207365

Agency cd:	USGS	Site no:	430454076135001
Site name:	OD1028		
Latitude:	430454	EDR Site id:	USGS2207365
Longitude:	0761350	Dec lat:	43.08173347
Dec lon:	-76.23020486	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	36
State:	36	County:	067
Country:	US	Land net:	Not Reported
Location map:	SYRACUSE WEST I-16-4	Map scale:	24000
Altitude:	381.8		
Altitude method:	Level or other surveying method		
Altitude accuracy:	.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Seneca. New York. Area = 3430 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19871029
Date inventoried:	20010608	Mean greenwich time offset:	EST

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Local standard time flag:	N		
Type of ground water site:	Test hole, not completed as a well		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	96.7
Source of depth data:	driller		
Project number:	Not Reported		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

**14
SE
1 - 2 Miles
Higher**

FED USGS USGS2207554

Agency cd:	USGS	Site no:	430322076140901
Site name:	OD1075		
Latitude:	430322	EDR Site id:	USGS2207554
Longitude:	0761409	Dec lat:	43.05617764
Dec lon:	-76.23548271	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	36
State:	36	County:	067
Country:	US	Land net:	Not Reported
Location map:	SYRACUSE WEST I-16-4	Map scale:	24000
Altitude:	417.9		
Altitude method:	Level or other surveying method		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Seneca, New York. Area = 3430 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19650406
Date inventoried:	20010713	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Test hole, not completed as a well		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	10
Source of depth data:	logs		
Project number:	Not Reported		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

C15
ENE
1 - 2 Miles
Lower

FED USGS USGS2207354

Agency cd:	USGS	Site no:	430445076134001
Site name:	OD1080		
Latitude:	430445	EDR Site id:	USGS2207354
Longitude:	0761340	Dec lat:	43.07923345
Dec lon:	-76.22742698	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	36
State:	36	County:	067
Country:	US	Land net:	Not Reported
Location map:	SYRACUSE WEST I-16-4	Map scale:	24000
Altitude:	367.6		
Altitude method:	Level or other surveying method		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Seneca. New York. Area = 3430 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19690328
Date inventoried:	20010713	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Test hole, not completed as a well		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	97.5
Source of depth data:	logs		
Project number:	Not Reported		
Real time data flag:	Not Reported		
Daily flow data end date:	Not Reported	Daily flow data begin date:	Not Reported
Peak flow data begin date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data count:	Not Reported	Peak flow data end date:	Not Reported
Water quality data end date:	Not Reported	Water quality data begin date:	Not Reported
Ground water data begin date:	Not Reported	Water quality data count:	Not Reported
Ground water data count:	Not Reported	Ground water data end date:	Not Reported

Ground-water levels, Number of Measurements: 0

16
SW
1 - 2 Miles
Higher

FED USGS USGS2207540

Agency cd:	USGS	Site no:	430317076155701
Site name:	OD1063		
Latitude:	430317	EDR Site id:	USGS2207540
Longitude:	0761557	Dec lat:	43.0547887
Dec lon:	-76.26548383	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	36
State:	36	County:	067
Country:	US	Land net:	Not Reported
Location map:	CAMILLUS I-15-3	Map scale:	24000

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Altitude:	414.9		
Altitude method:	Level or other surveying method		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Seneca. New York. Area = 3430 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19650510
Date inventoried:	20010703	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Test hole, not completed as a well		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	24.5
Source of depth data:	logs		
Project number:	Not Reported		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

17
ENE
1 - 2 Miles
Lower

FED USGS USGS2207364

Agency cd:	USGS	Site no:	430454076133301
Site name:	OD1078		
Latitude:	430454	EDR Site id:	USGS2207364
Longitude:	0761333	Dec lat:	43.08173348
Dec lon:	-76.22548248	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	36
State:	36	County:	067
Country:	US	Land net:	Not Reported
Location map:	SYRACUSE WEST I-16-4	Map scale:	24000
Altitude:	373.9		
Altitude method:	Level or other surveying method		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Seneca. New York. Area = 3430 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19691031
Date inventoried:	20010713	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Test hole, not completed as a well		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	100.8
Source of depth data:	logs		
Project number:	Not Reported		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Peak flow data count: Not Reported
 Water quality data end date: Not Reported
 Ground water data begin date: Not Reported
 Ground water data count: Not Reported

Water quality data begin date: Not Reported
 Water quality data count: Not Reported
 Ground water data end date: Not Reported

Ground-water levels, Number of Measurements: 0

18
NE
1 - 2 Miles
Lower

FED USGS USGS2207181

Agency cd:	USGS	Site no:	430505076133701
Site name:	OD1801	EDR Site id:	USGS2207181
Latitude:	430505	Dec lat:	43.08478906
Longitude:	0761337	Coor meth:	M
Dec lon:	-76.22659364	Latlong datum:	NAD27
Coor accr:	S	District:	36
Dec latlong datum:	NAD83	County:	067
State:	36	Land net:	Not Reported
Country:	US	Map scale:	24000
Location map:	SYRACUSE WEST I-16-4		
Altitude:	424.9		
Altitude method:	Level or other surveying method		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Seneca. New York. Area = 3430 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	198203
Date inventoried:	20021118	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Test hole, not completed as a well		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	167
Source of depth data:	logs		
Project number:	Not Reported		
Real time data flag:	0		
Daily flow data end date:	0000-00-00	Daily flow data begin date:	0000-00-00
Daily flow data count:	0		
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0		
Water quality data end date:	0000-00-00	Water quality data begin date:	0000-00-00
Water quality data count:	0		
Ground water data begin date:	1982-03-00	Ground water data end date:	1982-03-00
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel

1982-03	51	

19
ESE
1 - 2 Miles
Lower

FED USGS USGS2207439

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Agency cd:	USGS	Site no:	430354076131601
Site name:	OD1034		
Latitude:	430354	EDR Site id:	USGS2207439
Longitude:	0761316	Dec lat:	43.06506664
Dec lon:	-76.22076005	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	36
State:	36	County:	067
Country:	US	Land net:	Not Reported
Location map:	SYRACUSE WEST I-16-4	Map scale:	24000
Altitude:	Not Reported		
Altitude method:	Not Reported		
Altitude accuracy:	Not Reported		
Altitude datum:	Not Reported		
Hydrologic:	Seneca. New York. Area = 3430 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19961029
Date inventoried:	20010613	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Test hole, not completed as a well		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	48
Source of depth data:	driller		
Project number:	Not Reported		
Real time data flag:	Not Reported		
Daily flow data end date:	Not Reported	Daily flow data begin date:	Not Reported
Peak flow data begin date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data count:	Not Reported	Peak flow data end date:	Not Reported
Water quality data end date:	Not Reported	Water quality data begin date:	Not Reported
Ground water data begin date:	Not Reported	Water quality data count:	Not Reported
Ground water data count:	Not Reported	Ground water data end date:	Not Reported

Ground-water levels, Number of Measurements: 0

**20
NE
1 - 2 Miles
Lower**

FED USGS USGS2207199

Agency cd:	USGS	Site no:	430518076135201
Site name:	OD 570		
Latitude:	430518	EDR Site id:	USGS2207199
Longitude:	0761352	Dec lat:	43.08840021
Dec lon:	-76.23076046	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	36
State:	36	County:	067
Country:	US	Land net:	Not Reported
Location map:	SYRACUSE WEST I-16-4	Map scale:	24000
Altitude:	374.1		
Altitude method:	Level or other surveying method		
Altitude accuracy:	.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Seneca. New York. Area = 3430 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Local standard time flag:	N		
Type of ground water site:	Test hole, not completed as a well		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	79
Source of depth data:	driller		
Project number:	Not Reported		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

D21
ENE
1 - 2 Miles
Higher

FED USGS USGS2207376

Agency cd:	USGS	Site no:	430459076132601
Site name:	OD1803	EDR Site id:	USGS2207376
Latitude:	430459	Dec lat:	43.08312238
Longitude:	0761326	Coor meth:	M
Dec lon:	-76.22353798	Latlong datum:	NAD27
Coor accr:	S	District:	36
Dec latlong datum:	NAD83	County:	067
State:	36	Land net:	Not Reported
Country:	US	Map scale:	24000
Location map:	SYRACUSE WEST I-16-4		
Altitude:	436.6		
Altitude method:	Level or other surveying method		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Seneca, New York. Area = 3430 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19790510
Date inventoried:	20021118	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Test hole, not completed as a well		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	136
Source of depth data:	logs		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1979-05-10	Ground water data end date:	1979-05-10
Ground water data count:	1		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1979-05-10	30.8	

22
SE
1 - 2 Miles
Higher

FED USGS USGS2207530

Agency cd:	USGS	Site no:	430315076134501
Site name:	OD 259		
Latitude:	430315	EDR Site id:	USGS2207530
Longitude:	0761345	Dec lat:	43.05423318
Dec lon:	-76.22881582	Coor meth:	M
Coor accr:	M	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	36
State:	36	County:	067
Country:	US	Land net:	Not Reported
Location map:	ORB 2 PL 3	Map scale:	25000
Altitude:	420.00		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	5		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Seneca. New York. Area = 3430 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	SILURIAN, UPPER		
Well depth:	18.0	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0		
Daily flow data end date:	0000-00-00	Daily flow data begin date:	0000-00-00
Daily flow data count:	0		
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0		
Water quality data begin date:	0000-00-00		
Water quality data end date:	0000-00-00		
Water quality data count:	0		
Ground water data begin date:	0000-00-00		
Ground water data end date:	0000-00-00		
Ground water data count:	0		

Ground-water levels, Number of Measurements: 0

D23
ENE
1 - 2 Miles
Higher

FED USGS USGS2207339

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Agency cd:	USGS	Site no:	430439076143701
Site name:	OD1026		
Latitude:	430458	EDR Site id:	USGS2207339
Longitude:	0761323	Dec lat:	43.0828446
Dec lon:	-76.22270462	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	36
State:	36	County:	067
Country:	US	Land net:	Not Reported
Location map:	SYRACUSE WEST I-16-4	Map scale:	24000
Altitude:	386.0		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	5		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Seneca. New York. Area = 3430 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19871022
Date inventoried:	20010608	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Test hole, not completed as a well		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	141.0
Source of depth data:	driller		
Project number:	Not Reported		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

**D24
ENE
1 - 2 Miles
Higher**

FED USGS USGS2207374

Agency cd:	USGS	Site no:	430458076132302
Site name:	OD1832		
Latitude:	430458	EDR Site id:	USGS2207374
Longitude:	0761323	Dec lat:	43.0828446
Dec lon:	-76.22270462	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	36
State:	36	County:	067
Country:	US	Land net:	Not Reported
Location map:	SYRACUSE WEST I-16-4	Map scale:	24000
Altitude:	386		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	10		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Seneca. New York. Area = 3430 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	20031015	Mean greenwich time offset:	EST

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Local standard time flag:	N		
Type of ground water site:	Test hole, not completed as a well		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	160
Source of depth data:	logs		
Project number:	Not Reported		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

**25
NE
1 - 2 Miles
Higher**

FED USGS USGS2207184

Agency cd:	USGS	Site no:	430507076133101
Site name:	OD1802		
Latitude:	430507	EDR Site id:	USGS2207184
Longitude:	0761331	Dec lat:	43.08534463
Dec lon:	-76.22492692	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	36
State:	36	County:	067
Country:	US	Land net:	Not Reported
Location map:	SYRACUSE WEST I-16-4	Map scale:	24000
Altitude:	434.4		
Altitude method:	Level or other surveying method		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Seneca, New York. Area = 3430 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19790510
Date inventoried:	20021118	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Test hole, not completed as a well		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	135
Source of depth data:	logs		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1979-05-10	Ground water data end date:	1979-05-10
Ground water data count:	1		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel

1979-05-10	37.3	

26
ESE
1 - 2 Miles
Higher

FED USGS USGS2207413

Agency cd:	USGS	Site no:	430346076131001
Site name:	OD 270		
Latitude:	430346	EDR Site id:	USGS2207413
Longitude:	0761310	Dec lat:	43.0628444
Dec lon:	-76.21909332	Coor meth:	M
Coor accr:	M	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	36
State:	36	County:	067
Country:	US	Land net:	Not Reported
Location map:	ORB 2 PL 3	Map scale:	25000
Altitude:	390.00		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	5		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Seneca. New York. Area = 3430 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	SILURIAN, UPPER		
Well depth:	300	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0		
Daily flow data end date:	0000-00-00	Daily flow data begin date:	0000-00-00
Peak flow data begin date:	0000-00-00	Daily flow data count:	0
Peak flow data count:	0	Peak flow data end date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data begin date:	0000-00-00
Ground water data begin date:	1952-01-01	Water quality data count:	0
Ground water data count:	1	Ground water data end date:	1952-01-01

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel

1952-01-01	10.00	

27
SE
1 - 2 Miles
Higher

FED USGS USGS2207515

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Agency cd:	USGS	Site no:	430312076133801
Site name:	OD1074		
Latitude:	430312	EDR Site id:	USGS2207515
Longitude:	0761338	Dec lat:	43.05339984
Dec lon:	-76.22687131	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	36
State:	36	County:	067
Country:	US	Land net:	Not Reported
Location map:	SYRACUSE WEST I-16-4	Map scale:	24000
Altitude:	427.0		
Altitude method:	Level or other surveying method		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Seneca. New York. Area = 3430 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19650409
Date inventoried:	20010713	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Test hole, not completed as a well		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	27
Source of depth data:	logs		
Project number:	Not Reported		
Real time data flag:	Not Reported		
Daily flow data end date:	Not Reported	Daily flow data begin date:	Not Reported
Peak flow data begin date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data count:	Not Reported	Peak flow data end date:	Not Reported
Water quality data end date:	Not Reported	Water quality data begin date:	Not Reported
Ground water data begin date:	Not Reported	Water quality data count:	Not Reported
Ground water data count:	Not Reported	Ground water data end date:	Not Reported

Ground-water levels, Number of Measurements: 0

E28
NNE
1 - 2 Miles
Lower

FED USGS USGS2207225

Agency cd:	USGS	Site no:	430535076135401
Site name:	OD1831		
Latitude:	430535	EDR Site id:	USGS2207225
Longitude:	0761354	Dec lat:	43.09312248
Dec lon:	-76.23131605	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	36
State:	36	County:	067
Country:	US	Land net:	Not Reported
Location map:	SYRACUSE WEST I-16-4	Map scale:	24000
Altitude:	363		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	10		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Seneca. New York. Area = 3430 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	20030913
Date inventoried:	20031015	Mean greenwich time offset:	EST

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Local standard time flag:	N		
Type of ground water site:	Test hole, not completed as a well		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	152.5
Source of depth data:	logs		
Project number:	Not Reported		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

E29
NNE
1 - 2 Miles
Lower

FED USGS USGS2207226

Agency cd:	USGS	Site no:	430535076135402
Site name:	OD1836	EDR Site id:	USGS2207226
Latitude:	430535	Dec lat:	43.09312248
Longitude:	0761354	Coor meth:	M
Dec lon:	-76.23131605	Latlong datum:	NAD27
Coor accr:	S	District:	36
Dec latlong datum:	NAD83	County:	067
State:	36	Land net:	Not Reported
Country:	US	Map scale:	24000
Location map:	SYRACUSE WEST I-16-4		
Altitude:	363		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	10		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Seneca, New York. Area = 3430 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	20030913
Date inventoried:	20031015	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Test hole, not completed as a well		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	152.5
Source of depth data:	logs		
Project number:	Not Reported		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

30
SW
1 - 2 Miles
Higher

FED USGS USGS2207531

Agency cd:	USGS	Site no:	430315076163701
Site name:	OD1062		
Latitude:	430315	EDR Site id:	USGS2207531
Longitude:	0761637	Dec lat:	43.05423313
Dec lon:	-76.27659541	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	36
State:	36	County:	067
Country:	US	Land net:	Not Reported
Location map:	CAMILLUS I-15-3	Map scale:	24000
Altitude:	464.8		
Altitude method:	Level or other surveying method		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Seneca. New York. Area = 3430 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19640630
Date inventoried:	20010703	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Test hole, not completed as a well		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	20.3
Source of depth data:	logs		
Project number:	Not Reported		
Real time data flag:	Not Reported		
Daily flow data end date:	Not Reported	Daily flow data begin date:	Not Reported
Peak flow data begin date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data count:	Not Reported	Peak flow data end date:	Not Reported
Water quality data end date:	Not Reported	Water quality data begin date:	Not Reported
Ground water data begin date:	Not Reported	Water quality data count:	Not Reported
Ground water data count:	Not Reported	Ground water data end date:	Not Reported

Ground-water levels, Number of Measurements: 0

31
NNE
1 - 2 Miles
Lower

FED USGS USGS2207245

Agency cd:	USGS	Site no:	430548076142301
Site name:	OD 569		
Latitude:	430548	EDR Site id:	USGS2207245
Longitude:	0761423	Dec lat:	43.09673362
Dec lon:	-76.23937189	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	36
State:	36	County:	067
Country:	US	Land net:	Not Reported
Location map:	SYRACUSE WEST I-16-4	Map scale:	24000

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Altitude:	373		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	5		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Seneca. New York. Area = 3430 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Test hole, not completed as a well		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	56
Source of depth data:	driller		
Project number:	Not Reported		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

**32
NE
1 - 2 Miles
Higher**

FED USGS USGS2207197

Agency cd:	USGS	Site no:	430517076131701
Site name:	OD1800		
Latitude:	430517	EDR Site id:	USGS2207197
Longitude:	0761317	Dec lat:	43.08812244
Dec lon:	-76.22103791	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	36
State:	36	County:	067
Country:	US	Land net:	Not Reported
Location map:	SYRACUSE WEST I-16-4	Map scale:	24000
Altitude:	410.0		
Altitude method:	Level or other surveying method		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Seneca. New York. Area = 3430 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	198203
Date inventoried:	20021118	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Test hole, not completed as a well		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	140
Source of depth data:	logs		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Peak flow data count: 0	Water quality data begin date: 0000-00-00
Water quality data end date: 0000-00-00	Water quality data count: 0
Ground water data begin date: 1982-03-00	Ground water data end date: 1982-03-00
Ground water data count: 1	

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel

1982-03	37.5	

33
SW
1 - 2 Miles
Higher

FED USGS USGS2207520

Agency cd: USGS	Site no: 430313076164201
Site name: OD1061	
Latitude: 430313	EDR Site id: USGS2207520
Longitude: 0761642	Dec lat: 43.05367757
Dec lon: -76.27798435	Coor meth: M
Coor acc: S	Latlong datum: NAD27
Dec latlong datum: NAD83	District: 36
State: 36	County: 067
Country: US	Land net: Not Reported
Location map: CAMILLUS I-15-3	Map scale: 24000
Altitude: 456.2	
Altitude method: Level or other surveying method	
Altitude accuracy: 0.1	
Altitude datum: National Geodetic Vertical Datum of 1929	
Hydrologic: Seneca. New York. Area = 3430 sq.mi.	
Topographic: Not Reported	
Site type: Ground-water other than Spring	Date construction: 19640619
Date inventoried: 20010703	Mean greenwich time offset: EST
Local standard time flag: N	
Type of ground water site: Test hole, not completed as a well	
Aquifer Type: Not Reported	
Aquifer: Not Reported	
Well depth: Not Reported	Hole depth: 55.3
Source of depth data: logs	
Project number: Not Reported	
Real time data flag: Not Reported	Daily flow data begin date: Not Reported
Daily flow data end date: Not Reported	Daily flow data count: Not Reported
Peak flow data begin date: Not Reported	Peak flow data end date: Not Reported
Peak flow data count: Not Reported	Water quality data begin date: Not Reported
Water quality data end date: Not Reported	Water quality data count: Not Reported
Ground water data begin date: Not Reported	Ground water data end date: Not Reported
Ground water data count: Not Reported	

Ground-water levels, Number of Measurements: 0

34
ENE
1 - 2 Miles
Higher

FED USGS USGS2207360

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Agency cd:	USGS	Site no:	430449076125301
Site name:	OD1799		
Latitude:	430449	EDR Site id:	USGS2207360
Longitude:	0761253	Dec lat:	43.08034459
Dec lon:	-76.214371	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	36
State:	36	County:	067
Country:	US	Land net:	Not Reported
Location map:	SYRACUSE WEST I-16-4	Map scale:	24000
Altitude:	431.0		
Altitude method:	Level or other surveying method		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Seneca. New York. Area = 3430 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19820315
Date inventoried:	20021118	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Test hole, not completed as a well		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	134
Source of depth data:	logs		
Project number:	Not Reported		
Real time data flag:	0		
Daily flow data end date:	0000-00-00	Daily flow data begin date:	0000-00-00
Peak flow data begin date:	0000-00-00	Daily flow data count:	0
Peak flow data count:	0	Peak flow data end date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data begin date:	0000-00-00
Ground water data begin date:	1982-03-15	Water quality data count:	0
Ground water data count:	1	Ground water data end date:	1982-03-15

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel

1982-03-15	34	

35
ESE
1 - 2 Miles
Higher

FED USGS USGS2207420

Agency cd:	USGS	Site no:	430349076124501
Site name:	OD1534		
Latitude:	430349	EDR Site id:	USGS2207420
Longitude:	0761245	Dec lat:	43.06367775
Dec lon:	-76.21214865	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	36
State:	36	County:	067
Country:	US	Land net:	Not Reported
Location map:	SYRACUSE WEST I-16-4	Map scale:	24000
Altitude:	410.4		
Altitude method:	Level or other surveying method		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Seneca. New York. Area = 3430 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19870731
Date inventoried:	20010723	Mean greenwich time offset:	EST

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Local standard time flag:	N		
Type of ground water site:	Test hole, not completed as a well		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	41.7
Source of depth data:	logs		
Project number:	Not Reported		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

**36
SW
1 - 2 Miles
Higher**

FED USGS USGS2207521

Agency cd:	USGS	Site no:	430313076165101
Site name:	OD1060		
Latitude:	430313	EDR Site id:	USGS2207521
Longitude:	0761651	Dec lat:	43.05367756
Dec lon:	-76.28048446	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	36
State:	36	County:	067
Country:	US	Land net:	Not Reported
Location map:	CAMILLUS I-15-3	Map scale:	24000
Altitude:	454		
Altitude method:	Level or other surveying method		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Seneca, New York. Area = 3430 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19640622
Date inventoried:	20010703	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Test hole, not completed as a well		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	41.5
Source of depth data:	logs		
Project number:	Not Reported		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

37
SW
2 - 3 Miles
Higher

FED USGS USGS2207532

Agency cd:	USGS	Site no:	430315076165701
Site name:	OD1059		
Latitude:	430315	EDR Site id:	USGS2207532
Longitude:	0761657	Dec lat:	43.05423312
Dec lon:	-76.2821512	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	36
State:	36	County:	067
Country:	US	Land net:	Not Reported
Location map:	CAMILLUS I-15-3	Map scale:	24000
Altitude:	409.5		
Altitude method:	Level or other surveying method		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Seneca. New York. Area = 3430 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19640825
Date inventoried:	20010703	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Test hole, not completed as a well		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	31.5
Source of depth data:	logs		
Project number:	Not Reported		
Real time data flag:	Not Reported		
Daily flow data end date:	Not Reported	Daily flow data begin date:	Not Reported
Peak flow data begin date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data count:	Not Reported	Peak flow data end date:	Not Reported
Water quality data end date:	Not Reported	Water quality data begin date:	Not Reported
Ground water data begin date:	Not Reported	Water quality data count:	Not Reported
Ground water data count:	Not Reported	Ground water data end date:	Not Reported

Ground-water levels, Number of Measurements: 0

38
ESE
2 - 3 Miles
Higher

FED USGS USGS2207410

Agency cd:	USGS	Site no:	430345076123901
Site name:	OD 478		
Latitude:	430345	EDR Site id:	USGS2207410
Longitude:	0761239	Dec lat:	43.06256662
Dec lon:	-76.21048193	Coor meth:	M
Coor accr:	M	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	36
State:	36	County:	067
Country:	US	Land net:	Not Reported
Location map:	ORB 2 PL 3	Map scale:	25000

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Altitude: 400.00
 Altitude method: Interpolated from topographic map
 Altitude accuracy: 5
 Altitude datum: National Geodetic Vertical Datum of 1929
 Hydrologic: Seneca. New York. Area = 3430 sq.mi.
 Topographic: Not Reported
 Site type: Ground-water other than Spring Date construction: Not Reported
 Date inventoried: Not Reported Mean greenwich time offset: EST
 Local standard time flag: N
 Type of ground water site: Single well, other than collector or Ranney type
 Aquifer Type: Not Reported
 Aquifer: BEDROCK
 Well depth: 257 Hole depth: Not Reported
 Source of depth data: Not Reported
 Project number: Not Reported
 Real time data flag: 0 Daily flow data begin date: 0000-00-00
 Daily flow data end date: 0000-00-00 Daily flow data count: 0
 Peak flow data begin date: 0000-00-00 Peak flow data end date: 0000-00-00
 Peak flow data count: 0 Water quality data begin date: 0000-00-00
 Water quality data end date: 0000-00-00 Water quality data count: 0
 Ground water data begin date: 1976-09-16 Ground water data end date: 1976-09-16
 Ground water data count: 1

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1976-09-16	56.00	

F39
NNE
2 - 3 Miles
Lower

FED USGS USGS2207254

Agency cd: USGS Site no: 430601076143102
 Site name: OD1849
 Latitude: 430601.19 EDR Site id: USGS2207254
 Longitude: 0761430.55 Dec lat: 43.10039755
 Dec lon: -76.2414692 Coor meth: M
 Coor acc: 5 Latlong datum: NAD27
 Dec latlong datum: NAD83 District: 36
 State: 36 County: 067
 Country: US Land net: Not Reported
 Location map: SYRACUSE WEST Map scale: 24000
 Altitude: 370
 Altitude method: Interpolated from topographic map
 Altitude accuracy: 10
 Altitude datum: National Geodetic Vertical Datum of 1929
 Hydrologic: Seneca. New York. Area = 3430 sq.mi.
 Topographic: Flat surface
 Site type: Ground-water other than Spring Date construction: 20041130
 Date inventoried: 20041202 Mean greenwich time offset: EST
 Local standard time flag: N
 Type of ground water site: Test hole, not completed as a well
 Aquifer Type: Mixed - confined and unconfined multiple aquifers
 Aquifer: Not Reported
 Well depth: 145.0 Hole depth: 145.4
 Source of depth data: reporting agency (generally USGS)
 Project number: Not Reported
 Real time data flag: 0 Daily flow data begin date: 0000-00-00
 Daily flow data end date: 0000-00-00 Daily flow data count: 0
 Peak flow data begin date: 0000-00-00 Peak flow data end date: 0000-00-00

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Peak flow data count: 0	Water quality data begin date: 0000-00-00
Water quality data end date: 0000-00-00	Water quality data count: 0
Ground water data begin date: 2004-11-30	Ground water data end date: 2004-11-30
Ground water data count: 1	

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel

2004-11-30	2.04	

F40
NNE
2 - 3 Miles
Lower

FED USGS USGS2207253

Agency cd: USGS	Site no: 430601076143101
Site name: OD1848	
Latitude: 430601.19	EDR Site id: USGS2207253
Longitude: 0761430.55	Dec lat: 43.10039755
Dec lon: -76.2414692	Coor meth: M
Coor acc: 5	Latlong datum: NAD27
Dec latlong datum: NAD83	District: 36
State: 36	County: 067
Country: US	Land net: Not Reported
Location map: SYRACUSE WEST	Map scale: 24000
Altitude: 370	
Altitude method: Interpolated from topographic map	
Altitude accuracy: 10	
Altitude datum: National Geodetic Vertical Datum of 1929	
Hydrologic: Seneca, New York. Area = 3430 sq.mi.	
Topographic: Flat surface	
Site type: Ground-water other than Spring	Date construction: 20041130
Date inventoried: 20041202	Mean greenwich time offset: EST
Local standard time flag: N	
Type of ground water site: Test hole, not completed as a well	
Aquifer Type: Mixed - confined and unconfined multiple aquifers	
Aquifer: Not Reported	
Well depth: 100	Hole depth: 145.4
Source of depth data: reporting agency (generally USGS)	
Project number: Not Reported	
Real time data flag: 0	Daily flow data begin date: 0000-00-00
Daily flow data end date: 0000-00-00	Daily flow data count: 0
Peak flow data begin date: 0000-00-00	Peak flow data end date: 0000-00-00
Peak flow data count: 0	Water quality data begin date: 0000-00-00
Water quality data end date: 0000-00-00	Water quality data count: 0
Ground water data begin date: 2004-11-30	Ground water data end date: 2004-11-30
Ground water data count: 1	

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel

2004-11-30	-2.38	

41
WSW
2 - 3 Miles
Higher

FED USGS USGS2207535

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Agency cd:	USGS	Site no:	430316076170801
Site name:	OD1058		
Latitude:	430316	EDR Site id:	USGS2207535
Longitude:	0761708	Dec lat:	43.0545109
Dec lon:	-76.28520689	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	36
State:	36	County:	067
Country:	US	Land net:	Not Reported
Location map:	CAMILLUS I-15-3	Map scale:	24000
Altitude:	408.0		
Altitude method:	Level or other surveying method		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Seneca. New York. Area = 3430 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19640825
Date inventoried:	20010703	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Test hole, not completed as a well		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	69.3
Source of depth data:	logs		
Project number:	Not Reported		
Real time data flag:	Not Reported		
Daily flow data end date:	Not Reported	Daily flow data begin date:	Not Reported
Peak flow data begin date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data count:	Not Reported	Peak flow data end date:	Not Reported
Water quality data begin date:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

**42
East
2 - 3 Miles
Lower**

FED USGS USGS2207289

Agency cd:	USGS	Site no:	430412076122601
Site name:	OD1031		
Latitude:	430412	EDR Site id:	USGS2207289
Longitude:	0761226	Dec lat:	43.07006671
Dec lon:	-76.20687072	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	36
State:	36	County:	067
Country:	US	Land net:	Not Reported
Location map:	SYRACUSE WEST I-16-4	Map scale:	24000
Altitude:	373.6		
Altitude method:	Level or other surveying method		
Altitude accuracy:	.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Seneca. New York. Area = 3430 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19910115
Date inventoried:	20010608	Mean greenwich time offset:	EST

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Local standard time flag:	N		
Type of ground water site:	Test hole, not completed as a well		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	67
Source of depth data:	driller		
Project number:	Not Reported		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

43
East
2 - 3 Miles
Lower

FED USGS USGS2207278

Agency cd:	USGS	Site no:	430406076122601
Site name:	OD1036	EDR Site id:	USGS2207278
Latitude:	430406	Dec lat:	43.06840002
Longitude:	0761226	Coor meth:	M
Dec lon:	-76.20687072	Latlong datum:	NAD27
Coor accr:	S	District:	36
Dec latlong datum:	NAD83	County:	067
State:	36	Land net:	Not Reported
Country:	US	Map scale:	24000
Location map:	SYRACUSE WEST I-16-4		
Altitude:	377.0		
Altitude method:	Level or other surveying method		
Altitude accuracy:	.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Seneca, New York. Area = 3430 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19710106
Date inventoried:	20010613	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Test hole, not completed as a well		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	20.3
Source of depth data:	driller		
Project number:	Not Reported		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

44
NNE
2 - 3 Miles
Lower

FED USGS USGS2207251

Agency cd:	USGS	Site no:	430556076134401
Site name:	OD1852		
Latitude:	430555.8	EDR Site id:	USGS2207251
Longitude:	0761343.8	Dec lat:	43.09883333
Dec lon:	-76.22883333	Coor meth:	G
Coor accr:	5	Latlong datum:	NAD83
Dec latlong datum:	NAD83	District:	36
State:	36	County:	067
Country:	US	Land net:	Not Reported
Location map:	ONONDAGA WEST	Map scale:	24000
Altitude:	363		
Altitude method:	Reported		
Altitude accuracy:	10		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Seneca. New York. Area = 3430 sq.mi.		
Topographic:	Lake, swamp or marsh		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	20041202	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Test hole, not completed as a well		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

45
SSE
2 - 3 Miles
Higher

FED USGS USGS2207615

Agency cd:	USGS	Site no:	430239076133301
Site name:	OD1721		
Latitude:	430239	EDR Site id:	USGS2207615
Longitude:	0761333	Dec lat:	43.04423308
Dec lon:	-76.22548235	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	36
State:	36	County:	067
Country:	US	Land net:	Not Reported
Location map:	SYRACUSE WEST I-16-4	Map scale:	24000

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Altitude:	494		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	5		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Seneca. New York. Area = 3430 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19640521
Date inventoried:	20020211	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Test hole, not completed as a well		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	43.5
Source of depth data:	logs		
Project number:	Not Reported		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

**46
ESE
2 - 3 Miles
Higher**

FED USGS USGS2207404

Agency cd:	USGS	Site no:	430342076122801
Site name:	OD 269		
Latitude:	430342	EDR Site id:	USGS2207404
Longitude:	0761228	Dec lat:	43.06173329
Dec lon:	-76.20742627	Coor meth:	M
Coor accr:	M	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	36
State:	36	County:	067
Country:	US	Land net:	Not Reported
Location map:	ORB 2 PL 3	Map scale:	25000
Altitude:	400.00		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	5		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Seneca. New York. Area = 3430 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	BEDROCK		
Well depth:	200	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Peak flow data count: 0	Water quality data begin date: 0000-00-00
Water quality data end date: 0000-00-00	Water quality data count: 0
Ground water data begin date: 1953-01-01	Ground water data end date: 1953-01-01
Ground water data count: 1	

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel

1953-01-01	35.00	

47
East
2 - 3 Miles
Higher

FED USGS USGS2207284

Agency cd: USGS	Site no: 430407076122101
Site name: OD1033	
Latitude: 430407	EDR Site id: USGS2207284
Longitude: 0761221	Dec lat: 43.06867781
Dec lon: -76.20548179	Coor meth: M
Coor acc: S	Latlong datum: NAD27
Dec latlong datum: NAD83	District: 36
State: 36	County: 067
Country: US	Land net: Not Reported
Location map: SYRACUSE WEST I-16-4	Map scale: 24000
Altitude: 404.1	
Altitude method: Level or other surveying method	
Altitude accuracy: .1	
Altitude datum: National Geodetic Vertical Datum of 1929	
Hydrologic: Seneca. New York. Area = 3430 sq.mi.	
Topographic: Not Reported	
Site type: Ground-water other than Spring	Date construction: 19910104
Date inventoried: 20010608	Mean greenwich time offset: EST
Local standard time flag: N	
Type of ground water site: Test hole, not completed as a well	
Aquifer Type: Not Reported	
Aquifer: Not Reported	
Well depth: Not Reported	Hole depth: 91
Source of depth data: driller	
Project number: Not Reported	
Real time data flag: Not Reported	Daily flow data begin date: Not Reported
Daily flow data end date: Not Reported	Daily flow data count: Not Reported
Peak flow data begin date: Not Reported	Peak flow data end date: Not Reported
Peak flow data count: Not Reported	Water quality data begin date: Not Reported
Water quality data end date: Not Reported	Water quality data count: Not Reported
Ground water data begin date: Not Reported	Ground water data end date: Not Reported
Ground water data count: Not Reported	

Ground-water levels, Number of Measurements: 0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

AREA RADON INFORMATION

State Database: NY Radon

Radon Test Results

County	Town	Num Tests	Avg Result	Geo Mean	Max Result
ONONDAGA	CAMILLUS	923	11.39	6.03	188.3
ONONDAGA	CICERO	243	1.79	1.21	21.8
ONONDAGA	CLAY	306	1.85	1.13	23.9
ONONDAGA	DE WITT	704	9.31	3.79	234.6
ONONDAGA	ELBRIDGE	124	13.12	6.24	96.1
ONONDAGA	FABIUS	20	5.48	3.36	26.5
ONONDAGA	GEDDES	276	9.46	4.88	99.3
ONONDAGA	LAFAYETTE	98	7.27	4.13	95.6
ONONDAGA	LYSANDER	243	3.69	1.98	89.1
ONONDAGA	MANLIUS	1,384	11.6	5.13	341.8
ONONDAGA	MARCELLUS	245	5.96	3.38	98
ONONDAGA	ONONDAGA	262	10.99	6.07	89.4
ONONDAGA	OTISCO	19	7.73	3.69	40.1
ONONDAGA	POMPEY	102	6.72	4.6	35
ONONDAGA	SALINA	412	2.29	1.46	47.2
ONONDAGA	SKANEATELES	192	4.43	2.38	105.7
ONONDAGA	SPAFFORD	16	3.66	2.32	8.8
ONONDAGA	SYRACUSE	2,172	6.69	3.46	142.6
ONONDAGA	TULLY	124	16.39	8.21	106
ONONDAGA	VAN BUREN	101	6.05	2.15	70.1

Federal EPA Radon Zone for ONONDAGA County: 1

- Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for ONONDAGA COUNTY, NY

Number of sites tested: 476

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area	1.760 pCi/L	76%	21%	3%
Basement	3.000 pCi/L	62%	29%	9%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2009 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Freshwater Wetlands

Source: Department of Environmental Conservation

Telephone: 518-402-8961

HYDROGEOLOGIC INFORMATION

AQUIFLOW^R Information System

Source: EDR proprietary database of groundwater flow information

EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit

Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services

The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services (NRCS)

Telephone: 800-672-5559

SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Services, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)

This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

New York Public Water Wells

Source: New York Department of Health

Telephone: 518-458-6731

OTHER STATE DATABASE INFORMATION

Oil and Gas Well Database

Department of Environmental Conservation

Telephone: 518-402-8056

These files contain records, in the database, of wells that have been drilled.

RADON

State Database: NY Radon

Source: Department of Health

Telephone: 518-402-7556

Radon Test Results

Area Radon Information

Source: USGS

Telephone: 703-356-4020

The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones

Source: EPA

Telephone: 703-356-4020

Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Airport Landing Facilities: Private and public use landing facilities

Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater

Source: Department of Commerce, National Oceanic and Atmospheric Administration

PHYSICAL SETTING SOURCE RECORDS SEARCHED

STREET AND ADDRESS INFORMATION

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EDR Map

OVERVIEW MAP - 02963764.2r



- ★ Target Property
- ▲ Sites at elevations higher than or equal to the target property
- ◆ Sites at elevations lower than the target property
- ▲ Manufactured Gas Plants
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Power transmission lines
- Oil & Gas pipelines
- ▨ 100-year flood zone
- ▨ 500-year flood zone
- National Wetland Inventory
- State Wetlands



This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Wastebeds 9 Through 15
 ADDRESS: Gerelock Rd
 Syracuse NY 13209
 LAT/LONG: 43.0710 / 76.2496

CLIENT: O'Brien & Gere Engineers, Inc.
 CONTACT: Michael Miller
 INQUIRY #: 02963764.2r
 DATE: January 10, 2011 4:51 pm

Previous Investigations List

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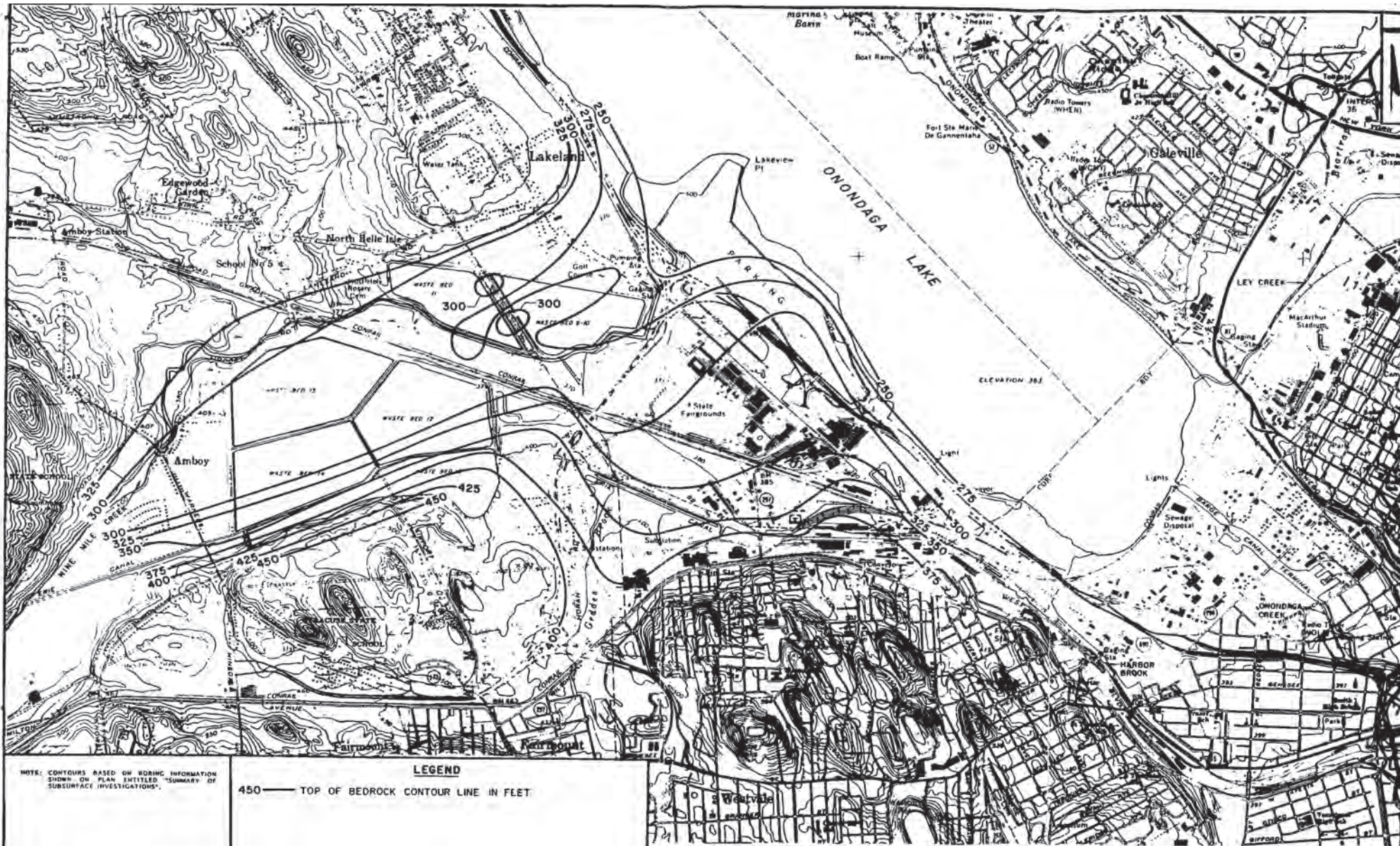
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BB&L Top of Bedrock Figure



NOTE: CONTOURS BASED ON BORING INFORMATION SHOWN ON PLAN ENTITLED "SUMMARY OF SUBSURFACE INVESTIGATIONS".

LEGEND

450 — TOP OF BEDROCK CONTOUR LINE IN FEET

SCALE
1,000' 1,000'

DATE:



**MASLAND & BOUCK
ENGINEERS, P.C.**
SYRACUSE, NEW YORK
WHITE PLAINS, NEW YORK

**ALLIED-SIGNAL INCORPORATED
HYDROGEOLOGIC ASSESSMENT
OF THE ALLIED WASTE BEDS
SYRACUSE, NEW YORK**

TOP OF BEDROCK CONTOURS

FIGURE
12

*Onondaga Lake FS Appendix
D: Part A*

Attachment DA.1

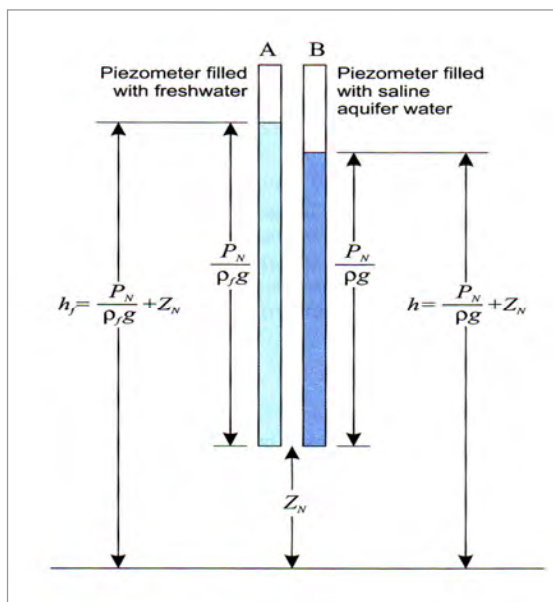
Equivalent Freshwater Heads

ATTACHMENT DA.1

EQUIVALENT FRESHWATER HEADS

Groundwater head is conventionally measured by recording the depth to water and then calculating the head (water level) by subtracting the depth to water from a reference elevation. In this method, the casing of the well acts as a pressure gauge in which the measured water column in the well is equal to the pressure (P) in the aquifer at the base of the well (assumes well has an infinitesimally small screen) divided by the density of the water (ρ) in the well and the gravitational constant (g); $Water\ column = \frac{P}{\rho g}$. The height of the water column is a function of the density of the water and thus the groundwater head calculated by the conventional method of water level measurements is a function of the density of the water in the well column. The true head or potential is *not* a function of the density of the water column in the well, and for the purposes of expressing head using a common reference, the concept of equivalent freshwater head was introduced. This concept is illustrated in the figure below, where h_f is equivalent freshwater head, h is measured head, ρ_f is freshwater density, and ρ is density of water in the well column.

The equations of groundwater flow can be formulated in terms of measured head, but the results include cumbersome expressions involving density and its derivatives. The equations of groundwater flow in terms of freshwater head are similar to those conventionally used in programs such as MODFLOW.



GROUNDWATER FLOW EQUATIONS

In a horizontally stratified aquifer, in which it is assumed that the hydraulic conductivity and viscosity are not functions of density, Darcy’s law can be written as follows:

$$q_x = -K_x \left(\frac{\partial h_f}{\partial x} \right) \tag{1}$$

for horizontal flow; and

$$q_z = -K_z \left(\frac{\partial h_f}{\partial z} + \left(\frac{\rho - \rho_f}{\rho_f} \right) \right) \quad (2)$$

for vertical flow, where K is hydraulic conductivity and q is Darcy groundwater velocity.

It is important to note that Darcy's law for horizontal flow is identical to the form of Darcy's law in MODFLOW, but that Darcy's law for vertical flow is not identical to the form of Darcy's law in MODFLOW; an extra density term has been added. As a result, in a groundwater system with variable density, converting heads at monitoring points and then using MODFLOW to solve the groundwater flow equations will not produce a correct solution unless the system being modeled is in a one-layer horizontal system.

An examination of the equations for Darcy's Law in terms of equivalent freshwater head will indicate that in a horizontally stratified aquifer, vertical flow is approximately equivalent to the gradient calculated from measured heads multiplied by hydraulic conductivity (the density term in equation for vertical flow is equal to the correction term for converting measured head to equivalent freshwater head). Therefore, in a horizontally stratified aquifer with multiple layers, use of MODFLOW with equivalent freshwater heads will result in a correct calculation of horizontal flow but an incorrect calculation of vertical flow.

In an aquifer with dipping units, the principal axes of permeability are not oriented with the x-, y-, and z-coordinate systems, but rather are typically oriented with respect to the dip of the aquifer units. In this situation, Darcy's law for flow parallel to the dip of the aquifer unit, can be written as:

$$q_\alpha = -K_\alpha \left(\frac{\partial h_f}{\partial \alpha} + \left(\frac{\rho - \rho_f}{\rho} \right) \frac{\partial z}{\partial \alpha} \right) \quad (3)$$

where α represents principal direction of permeability oriented parallel to the dip of the aquifer. The term within the brackets can be thought of as the hydraulic gradient, but in this case it consists of two components: 1) a pressure component due to the change in equivalent freshwater head, and 2) a gravitational component due to the slope of the aquifer unit ($\partial z / \partial \alpha$). This equation assumes that the hydraulic conductivity and viscosity are not functions of density.

Equation 3 can be used to estimate the magnitude of groundwater flow in the aquifer units along the shore of Onondaga Lake where the aquifer units are dipping towards the lake and the density is increasing towards the lake. Equation 3, and similar equations for directions orthogonal to α , are incorporated in the computer code SEAWAT-2000, which is a modified version of MODFLOW-2000. Though SEAWAT-2000 uses equivalent freshwater heads in its internal calculations, for ease of comparison with measured water levels, input and output to SEAWAT-2000 is expressed in terms of measured water levels.

Equivalent freshwater heads have been calculated for all monitoring wells with water level data. The procedures used to estimate density and calculated equivalent freshwater heads are described below. The calculated freshwater heads are listed on Table B-3 in Appendix D: Part B.

Groundwater elevations were calculated in three steps: 1) long-term average groundwater elevations were calculated, 2) the density for each well was calculated, and 3) the equivalent freshwater head was calculated.

AVERAGE GROUNDWATER ELEVATION

- Groundwater elevations have been collected intermittently for the Semet, Willis, Ballfield, and Harbor Brook sites starting on February 2, 1991. Because the length of the water level data record for each well is limited by the installation date of the well, the Ballfield and Harbor Brook wells have shorter records than the Semet and Willis wells.
- There was some concern that the short records of some wells might affect the accuracy of the calculated long-term averages for recently installed wells. To address this concern, the long-term averages were compared to averages for just 2003 at wells where the records included both data sets. The long-term and 2003 averages were similar, indicating that the 2003 water level averages are representative of long-term averages. Therefore, the use of 2003 data to represent long-term averages is justified for recently installed wells.
- Average groundwater elevations for each well were calculated based on the full groundwater elevation record for each well.

DENSITY CALCULATION

- The density of the water in each well was calculated by one of three methods: based on TDS, based on water level and pressure measurements, or based on density calculated for wells immediately adjacent. The TDS method was the preferred method. If TDS data were not available, then the water level pressure method was used. If data were not available for either of the previous methods, then the density was estimated based on adjacent wells in similar geologic materials.
- The density based on TDS (total anion and cation concentrations) was calculated using the following formula:

$$\text{Density (g/cm}^3\text{)} = (0.000687 * \text{TDS Conc.} + 998.4575) / 1000 \quad (4)$$

Source: De Marsily, G. 1986. Quantitative Hydrogeology: Groundwater Hydrology for Engineers. San Diego, California: Academic Press.

Note for some wells the total major anion and cation concentration was used to represent TDS.

- The density based on water level pressure was calculated by measuring both the water pressure (with a pressure transducer) within the screen interval and the height of the water column above the pressure transducer. The density is calculated by the following formula:

$$\text{Density (g/cm}^3\text{)} = \text{pressure head / water column height} \quad (5)$$

These density measurements were conducted twice on a number of wells, with relatively good duplication of results. The density measurements were also collected at the top and middle of the water column to evaluate the consistency of density of the water within the well.

- Density estimates based on TDS calculations were judged somewhat more reliable than the pressure measurements. Therefore, density based on TDS calculations was the first choice in methods. Density was calculated by TDS for 76 wells. For those 18 wells without TDS data, density was estimated by water level pressure measurements. Density of adjacent wells was used for 15 wells. The attached table identifies which method was used to estimate the water density in the well.

EQUIVALENT FRESHWATER HEAD CALCULATION

- The Equivalent Freshwater Head (EFH) was calculated using the full water level averages and the calculated densities.
- The EFH is calculated using the following formula:

$$\text{EFH} = \text{Density} * \text{Water Level} + (1 - \text{Density}) * \text{Screen Depth} \quad (6)$$

Where: Density = Density as calculated above,

Water Level = Full, long term average of water level elevation, and

Screen Depth = Elevation of screen midpoint.