ONONDAGA LAKE PRE-DESIGN INVESTIGATION: PHASE II DATA SUMMARY REPORT

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TABLE OF CONTENTS

Page

SECTION 1 INTRODUCTION 1-1

1.1 PHASE II PDI OBJECTIVES 1-1

1.2 REPORT ORGANIZATION 1-1

SECTION 2 VIBRACORE SEDIMENT SAMPLING AND ANALYSES 2-1

2.1 VIBRACORE SAMPLING 2-1
2.1.1 SMU 1 2-2
2.1.2 SMU 2 2-2
2.1.3 SMU 3 2-3
2.1.4 SMU 4 2-3
2.1.5 SMU 5 2-3
2.1.6 SMU 6 2-4
2.1.7 SMU 7 2-4
2.1.8 SMU 8 2-4

SECTION 3 POREWATER SAMPLING AND ANALYSES 3-1

3.1 POREWATER INVESTIGATION 3-1
3.1.1 Peeper Preparation and Deployment 3-2
3.1.2 Peeper Sampling 3-2
3.1.3 Peeper Analysis 3-2

SECTION 4 DEEP BORING INVESTIGATION 4-1

4.1 DEEP BORING SAMPLING 4-1
4.1.1 Solvay Waste 4-1
4.1.2 Marl/Silt 4-1
4.1.3 Silt/Clay 4-1
4.1.4 Silt/Fine Sand 4-2
4.1.5 Sand and Gravel 4-2
4.1.6 Bedrock 4-3

TABLE OF CONTENTS
(CONTINUED)

Page

SECTION 5 GROUNDWATER DISCHARGE EVALUATION 5-1

5.1 CONDUCTIVITY/TEMPERATURE PROFILES AND POREWATER SAMPLING 5-1
5.1.1 Conductivity and Temperature Profiles 5-1
5.1.2 Porewater Sampling 5-2
5.1.3 Lake Water Sampling 5-2

SECTION 6 WATER TREATABILITY, EFFLUENT ELUTRIATE, ODORS AND COLUMN SETTLING TESTING 6-1

6.1 OBJECTIVES 6-1

6.2 WATER TREATABILITY AND EET SAMPLING 6-1

6.3 ODOR TESTING 6-3
6.3.1 Odorant Identification 6-3

6.4 COLUMN SETTLING, CONSOLIDATION, AND INDEX TESTING 6-4

SECTION 7 CAP DESIGN BENCH SCALE TESTING 7-1

7.1 SAMPLE COLLECTION 7-1

SECTION 8 WASTEBED 13 INVESTIGATION 8-1

8.1 OBJECTIVES 8-1

8.2 STAGE 1: CPTU PROGRAM 8-1
8.2.1 Porewater Pressure Dissipation Tests 8-2

8.3 STAGE 2: BORING PROGRAM 8-3
8.3.1 Subsurface Boring and Sampling Within Wastebed 13 8-3
8.3.2 Piezometer Installation Within Wastebed 13 8-4
8.3.3 Perimeter Dike Piezometer Installation 8-4
8.3.4 Laboratory Testing 8-4

TABLE OF CONTENTS
(CONTINUED)

Page

SECTION 9 METEROLOGICAL STATION MONITORING 9-1

9.1 METEOROLOGICAL STATIONS 9-1

SECTION 10 DATA MANAGEMENT 10-1

10.1 DATA MANAGEMENT 10-1
10.1.1 Field Database 10-1
10.1.2 Quality Assurance/Quality Control 10-1
10.1.3 Sample Holding 10-1
10.1.4 Sample Collection and Recordkeeping 10-1
10.1.5 Data Validation 10-1

SECTION 11 REFERENCES 11-1

TABLE OF CONTENTS
(CONTINUED)

LIST OF TABLES

Table 1 Task Summary
Table 2A Vibracore Sediment Locations and Analyses
Table 2B Porewater Locations and Analyses
Table 2C Deep Boring Locations and Analyses
Table 2D Groundwater Investigation Locations and Analyses
Table 2E Bulk Sample Locations and Analyses
Table 2F Wastebed 13 Geotechnical Sample Locations and Analyses
Table 3A Summary of Sediment Analytical Results
Table 3B Summary of Porewater Analytical Results
Table 3C Summary of Deep Boring Sediment and Porewater Analytical Results Summary
Table 3D Summary of Groundwater Investigation Analytical Results
Table 4A Lake Sediment Geotechnical Data Summary – Index Test Results
Table 4B Seepage Induced Consolidation Test Results
Table 4C Phase I SICT Geotechnical Data Summary – Index Test Results
Table 4D Wastebed 13 Investigation Geotechnical Data Summary – Index Test Results

TABLE OF CONTENTS
(CONTINUED)

LIST OF FIGURES

Figure 1 SMUs 1 & 7 Phase II PDI Sediment, Deep Boring & Bulk Density Sample Locations

Figure 2 SMU 2 Phase II PDI Sediment, Deep Boring & Bulk Density Sample Locations

Figure 3 SMU 3 Phase II PDI Sediment, Deep Boring & Bulk Density Sample Locations

Figure 4 SMU 4 Phase II PDI Sediment, Deep Boring & Bulk Density Sample Locations

Figure 5.A SMU 5 – S111 Phase II PDI Sample Locations

Figure 5.B SMU 5 – S108 Phase II PDI Sample Locations

Figure 5.C SMU 5 – S95 Phase II PDI Sample Locations

Figure 5.D SMU 5 – S66 Phase II PDI Sample Locations

Figure 6 SMU 6 Phase II PDI Sediment, Deep Boring & Bulk Density Sampling Locations

Figure 7.A SMU 8 Phase II PDI Sediment, Deep Boring & Bulk Density Sampling Locations

Figure 7.B SMU 8 Phase II PDI Sediment, Deep Boring & Bulk Density Sampling Locations

Figure 8 SMUs 1 & 7 Phase II PDI Porewater & Groundwater Sample Locations

Figure 9 SMU 2 Phase II PDI Porewater & Groundwater Sample Locations

Figure 10 SMU 4 Phase II PDI Porewater & Groundwater Sampling Locations

Figure 11 SMU 6 Phase II PDI Porewater & Groundwater Sampling Locations

Figure 12 Wastebed 13 CPTU, Boring and Piezometer Locations

Figure 13 Wastebed 13 Pilot Study Area

LIST OF APPENDICES

APPENDIX A DATA USABILITY SUMMARY REPORT

APPENDIX B LAKE VIBRACORE / BORING LOGS

APPENDIX C CONSOLIDATION AND SEEPAGE INDUCED CONSOLIDATION (SIC) DATA

APPENDIX D POREWATER EQUILIBRATION STUDY REPORT

APPENDIX E ISOTOPE AND PACKER TEST RESULTS

APPENDIX F GEOPROBE CONDUCTIVITY AND TEMPERATURE PROFILES

APPENDIX G EFFLUENT ELUTRIATE TEST (EET) DATA

APPENDIX H ODORS AND EMISSIONS TEST DATA

APPENDIX I COLUMN SETTLING TEST (CST) DATA

APPENDIX J CAP DESIGN BENCH SCALE STUDY SUMMARY REPORT

APPENDIX K WASTEBED 13 CPTU DATA

APPENDIX L WASTEBED 13 BORING/PIEZOMETER LOGS

APPENDIX M SCA CONSOLIDATION, UU, AND CIU DATA

APPENDIX N METEOROLOGICAL STATION DATA

SECTION 1

INTRODUCTION

This Data Summary Report describes the samples and data collected from September to December 2006 during the Onondaga Lake Phase II Pre-Design Investigation (PDI). The sample locations, data gathering methods, analyses, and testing performed are described in this report, along with a summary of the investigation results. Sampling and analyses were conducted in accordance with the Onondaga Lake Phase II PDI Work Plan (Parsons, 2006), the Onondaga Lake PDI: Phase I Sampling and Analysis Plan (SAP) (Parsons, 2005), and the Onondaga Lake PDI Quality Assurance Project Plan (QAPP) (Parsons, 2005a).

1.1 PHASE II PDI OBJECTIVES

The purpose of the Phase II PDI was to collect information required to conduct remedial design activities. Several investigation activities requested by NYSDEC during the Phase I PDI were deferred to Phase II as a result of task prioritization. The scope of the Phase II PDI was determined by revisiting the tasks deferred from Phase I and additional data needs required to progress design related activities. This information will be combined with the existing data set for use during design. A summary of the investigation tasks, objectives, general locations, and primary activities is provided in Table 1.

1.2 REPORT ORGANIZATION

This report is organized into the following sections:

- Section 1: Introduction
- Section 2: Vibracore Sediment Sampling and Analysis
- Section 3: Porewater Sampling and Analysis
- Section 4: Deep Borings Investigation
- Section 5: Groundwater Discharge Evaluation
- Section 6: Water Treatability, Effluent Elutriate, Odors, and Column Settling Testing
- Section 7: Cap Design Bench-Scale Testing
- Section 8: Wastebed 13 Investigation
- Section 9: Meteorological Station Monitoring
- Section 10: Data Management
- Section 11: References

SECTION 2

VIBRACORE SEDIMENT SAMPLING AND ANALYSES

Surface and subsurface sediment samples were collected and processed using the same methods as the Phase I PDI to obtain representative samples for geotechnical and chemical analyses. The details regarding the sampling and analyses are described in the following subsections, summarized on Table 2A, and presented in Figures 1 through 7.

2.1 VIBRACORE SAMPLING

Shallow vibracore sampling was conducted in all SMUs to collect sediment for various chemical and geotechnical analyses, as presented in Table 2A. A summary of chemical and geotechnical results of the sediment samples is presented in Tables 3A and 4 respectively. The chemical data was validated in accordance with the USEPA validation protocols as described in the Data Usability Summary Report (Appendix A). Vibracore logs for each location are also included in Appendix B of this report.

Sufficient sample volume retained from each sample interval was used for geotechnical analyses. The intervals selected for geotechnical testing were determined by a geotechnical engineer following review of the core descriptions. A revised summary table was provided to NYSDEC prior to conducting any geotechnical analyses. Additional details of the sampling depths and analyses are described in the following subsections.

The geotechnical testing program for the Phase II PDI primarily included index testing of select sediment samples to evaluate subsurface characteristics, especially material variability, across each SMU and with depth for each major stratum. These index properties will also be used in correlations with other geotechnical properties (e.g. strength parameters, compressibility, permeability) for advanced engineering evaluations including cap-induced settlement and slope stability.

Vibracores were sectioned into 3.3 foot (1 m) intervals or from 0 to 0.5 feet and 0.5 to 3.3 feet for sample collection as specified in the Work Plan. Some cores were sectioned at slightly different sample intervals to accurately represent the subsurface stratigraphic units with oversight from NYSDEC. Other index testing samples were selected in the field based on a visual characterization of the interval by the field geologist. In general, coarse-grained samples were submitted for grain size analyses while fine-grained samples were submitted for both Atterberg Limits and grain size analyses.

The geotechnical program for the Phase II PDI also included collection of a select number of samples for consolidation testing using either the standard oedometer test (ASTM D2435-90), or

the seepage-induced consolidation test (SICT) (Liu and Znidarcic, 1991). The SICT is a specialized consolidation test for very soft sediments, through which five dimensionless parameters are determined that describe the consolidation characteristics as a function of void ratio, stress, and permeability. The SICT method provides improved accuracy in the prediction of consolidation behavior as compared to a standard (oedometer) consolidation test, especially in the low stress range for very soft sediments. Index testing and SICT results are summarized in Tables 4A and 4B respectively. SICT data are provided in Appendix C.

Also included in this report are index testing results of Phase I samples sent for SICT. Results from the Phase I SICT index tests were not available during preparation of the Phase I PDI Summary Report (Parsons, 2007), and have been included in Table 4C of this report.

2.1.1 SMU 1

A total of 97 vibracores were collected in SMU 1 to a depth of 20 ft (6 m) to identify the extent of the in-lake waste deposit (ILWD) and evaluate the presence of hot spots (Figure 1). Sample locations were identified in areas where existing deep cores had not been previously collected. Single cores were collected at 51 locations and co-located cores were collected at 46 locations to evaluate the variability of the material. The co-located cores were within a 3 ft circle. Clusters of five cores were also collected at three locations in SMU 1 to evaluate hot spots. Each cluster included a co-located pair at the center and three single cores approximately 25 ft from the center, as shown on Figure 1. Additional core locations related to the extent of the ILWD in SMU 2 and SMU 7 are described below.

2.1.2 SMU 2

A total of 17 vibracores were collected to 20-ft (6 m) depths in SMU 2 (Figure 2). There are two distinctive sets of samples in this SMU to define the extent of the ILWD along the SMU 1 boundary and to refine dredging and capping areas in the western portion of the SMU. Additional proposed core locations related to the extent of exceedances identified in SMU 2 are presented within the SMU 8 description below.

Nine vibracores, two of which were co-located at one station (OL-VC-20072 through 20079/A), were collected from the eastern portion of SMU 2 to identify the extent of the ILWD outside of SMU 1 and to evaluate variability of the waste material

The remaining eight vibracores (OL-VC-20067 through 20071, 20080 through 20082) were collected from the western portion of SMU 2 in areas where dredging and isolation capping are included in the remedy. Two of these cores are located within the vicinity of the “tarry waste” encountered at Station S435 during the RI. Sediment samples were analyzed for chemical parameters from the top 13 ft (4 m), and sample intervals below 10 ft provided additional information on stratigraphy and were used for geotechnical analysis.

2.1.3 SMU 3

A total of ten vibracores were collected in SMU 3 to depths of 20 ft (6 m) in areas where exceedances have been identified. As noted on Figure 3 and in the text below, there are three distinctive sets of samples in this SMU based on the anticipated remedy for those areas.

The three cores adjacent to the shoreline (OL-VC-30041 through 30043) were divided into 3.3 ft (1 m) intervals and processed for chemical and geotechnical analyses as specified in Table 2A. Results from these cores will be used to define the extent of contamination along the shoreline and to identify the sediment concentrations that will be present if nearshore removal is necessary. The two cores in the middle portion of the SMU (OL-VC-30039 and 30040) were analyzed for chemical and geotechnical parameters in the top 10 ft (3 m) since deep dredging will likely not be required in this area. The five cores in the 20-30 ft (6-9 m) zone of this SMU (OL-VC-30034 through 30038) were analyzed for chemical and geotechnical parameters in the 0-0.5 ft and 0.5-3.3 ft intervals for the design of isolation capping and to evaluate the potential for thin layer capping. Additional core locations related to the extent of exceedances identified in SMU 3 are presented below in the discussion of SMU 8.

2.1.4 SMU 4

A total of 27 vibracores were collected in SMU 4 to a depth of 20 ft (6 m) in areas where exceedances of the Mean PECQ (MPECQ) and or mercury PEC had been identified. As noted on Figure 4 and in the text below, there are three distinctive sets of samples in this SMU based on the anticipated remedy for those areas.

The nine cores adjacent to the shoreline (OL-VC-40033 through 40041) were divided into 3.3 ft (1 m) intervals and processed for chemical and geotechnical analyses as specified on Table 2A. Results from these cores were intended to define the extent of contamination along the shoreline and to identify the sediment concentrations that will be present if nearshore removal is necessary. The nine cores in the middle portion of the SMU (OL-VC-40025 through 40032, and 40042) were analyzed for chemical and geotechnical parameters in the top 10 ft (3 m) since deep dredging will likely not be required in this area. The nine cores in the outer portion of this SMU (OL-VC-40016 through 40024) were analyzed for chemical and geotechnical parameters in the 0-0.5 ft and 0.5-3.3 ft intervals for the design of isolation capping and to evaluate the potential for thin layer capping in the 20-30 ft (6-9 m) zone. Additional core locations related to the extent of exceedances identified in SMU 4 are presented below in the discussion of SMU 8.

2.1.5 SMU 5

The samples in SMU 5 were intended to confirm and define the extent of exceedances noted during previous sampling events. Sampling was focused around the four data points that exceeded MPECQ and/or mercury PEC during previous sampling events. A total of 22 shallow vibracores were collected in four areas of SMU 5 near data points S95, S108, S111 and S66 (Figures 5A-5D). All samples were collected from the 0-0.5 ft interval.

2.1.6 SMU 6

A total of 17 vibracores were collected in SMU 6 to a depth of 20 ft (6 m) in areas where exceedances of the MPECQ and/or mercury PEC have been identified. As noted on Figure 6 and in the text below, there were three distinctive sets of samples in this SMU based on the anticipated remedy for those areas.

The five cores adjacent to the shoreline (OL-VC-60066 through OL-VC-60070) were divided into 3.3 ft (1 m) intervals and processed for chemical and geotechnical analyses as specified in Table 2A. Results from these cores were used to define the extent of contamination along the shoreline and to identify the sediment concentrations if nearshore removal is necessary. The seven cores in the middle portion of the SMU (OL-VC-60059 through 60065) were analyzed for chemical and geotechnical parameters in the top 10 ft (3 m) since deep dredging will likely not be required in this area. The five cores in the outer portion of this SMU (OL-VC-60054 through 60058) were analyzed for chemical and geotechnical parameters in the 0-0.5 ft and 0.5-3.3 ft intervals for design of the isolation cap and to evaluate the potential for thin layer capping in the 20-30 ft (6-9 m) zone. Additional core locations related to the extent of exceedances identified in SMU 6 are presented in SMU 8.

2.1.7 SMU 7

A total of 21 vibracores were collected to a 20-ft (6 m) depth in SMU 7 (Figure 1). There are two distinctive sets of proposed samples in this SMU to define the extent of the ILWD and refine the lateral and vertical extent of contamination along the shoreline of this SMU.

Fifteen vibracores, four of which were co-located at two stations (OL-VC-70016 through 70024/A, and 70031 through 70034), were collected from the western portion of SMU 7 to identify the extent of the ILWD outside of SMU 1 and evaluate variability of the waste material.

The remaining six vibracores (OL-VC-70025 through 70030) were collected along the shoreline to evaluate the extent of contamination in this area. Based on the results of the Phase I cores in this area, samples for chemical analysis were collected from the 20 ft (6 m) cores on 3.3 ft (1 m) intervals from the top 13 ft (4 m). Data collected from the sample intervals below 13 ft were used for geotechnical analysis and stratigraphy.

2.1.8 SMU 8

A total of 29 vibracores were collected at varying depths in SMU 8 to address multiple objectives (Figures 7A and 7B). Five shallow vibracores (OL-VC-80023 through 80027) were collected at sample locations in this SMU where MPECQ exceedances had been previously identified. These locations were resampled to evaluate the presence or absence of impacted sediment in these areas. These cores were 0.5 ft deep and analyzed for the chemical and geotechnical parameters noted on Table 2A.

Thirteen cores were located near the 30 ft (9 m) mark adjacent to exceedances of the MPECQ and/or Mercury PEC identified in the littoral zone SMUs (OL-VC 80037 through 80049). Many of these areas have very few data points in SMU 8 near the littoral/profundal zone boundary and these cores were intended to help define the extent of the exceedances noted in SMUs 2, 3, 4 and 6. These cores were 3.3 ft (1 m) long and analyzed from 0-0.5 and 0.5-3.3 ft to determine what type of capping, if any, is required in this area.

The other eleven cores were 20 ft (6m) deep and located near the boundary of SMU 1(OL-VC-80028 through 80036 and 80050 through 80051). Samples were collected from 0-0.5 ft, 0.5-3.3 ft and on 3.3 ft intervals to 20 ft to evaluate the extent of the ILWD

SECTION 3

POREWATER SAMPLING AND ANALYSES

The Phase I PDI for Onondaga Lake included sampling of porewater in SMU 1 and SMU 6 using three distinct sampling procedures to identify the best method for generating porewater concentrations of chemical parameters of interest (CPOI). Results from that investigation indicated that diffusion samplers (peepers) were a good tool for characterizing the potentially mobile fraction of contaminants in porewater (Parsons, 2006a). The Phase II porewater sampling was completed as Addendum 1 to the Phase II Work Plan and was focused on the porewater samples that were collected with extended stainless steel peepers from SMUs 1, 2, and 7.

3.1 POREWATER INVESTIGATION

Two rounds of porewater sampling were conducted during the 2006 field season. Porewater samples were collected with the 13 stainless steel extended peepers employed during the Phase I investigation. The peepers were installed and sampled in accordance with the procedures discussed in the Phase I Work Plan, SAP (Parsons, 2005), and related SOPs (Parsons, 2005b) with the exceptions and modifications noted herein.

Samples were collected from 21 locations throughout SMUs 1, 2, and 7 as shown on Figures 8 and 9. At four locations, co-located peepers were installed approximately 2 to 3 ft apart to evaluate porewater variability. At each location, samples were composited over 1 ft intervals (eight sampling ports) which provided eight to nine samples at each location depending on the total length of the peeper.

The sample ports on each peeper were fitted with 0.45 micron Teflon® membranes during the first round of sampling; which was consistent with the Phase I PDI. An evaluation of peeper membranes was conducted concurrent with the Phase II sampling effort to evaluate equilibration times and impacts resulting from the membrane. Results of this evaluation are included in Appendix D of this report. Based on these results, the Teflon membranes were replaced with 0.45 micron Tuffryn® membranes for the second round of sampling. As discussed in the Membrane Evaluation report, the Tuffryn® membranes were better suited to meet the sampling objectives given the durability, contaminants of concern and the predicted equilibration times.

Per the stated requirements in the QAPP, MS/MSD and duplicate samples were required for chemical analyses to evaluate potential influences of the sampling or lab procedures. Due to the limited volumes available with this type of sampling approach, one set of QA/QC samples was collected during each round of sampling. The top three 1 ft intervals from one of the 9 ft peepers were composited for the QA/QC samples. Due to limited sample volume, the QA/QC samples

were only analyzed for VOCs, Mercury and pH. Four bottle sets were collected to analyze the regular sample, the duplicate, an MS, and an MSD. Combining three intervals produced sufficient volume to conduct these analyses and run dilutions, when necessary, to meet the required reporting limits.

3.1.1 Peeper Preparation and Deployment

Peepers were deployed at 21 locations throughout SMU 1, SMU 2 and SMU 7 as shown on Figures 8 and 9. Sample locations were selected to correspond with cores from the ILWD investigation to evaluate, the relationship between porewater and sediment concentrations. All peepers were decontaminated and prepared in accordance with the procedures outlined in the Phase I PDI SOPs (Parsons, 2005b).

Originally, three cycles of porewater sampling were proposed for 2006. Due to the presence of the calcite crust in the central portion of SMU 1, standard installation methods (direct push) could not be utilized in these areas and peeper locations were modified. To maximize the data collection effort and to avoid complications with the crust, two rounds of installation were completed at locations outside of the area containing crust (i.e. SMUs 2, 7, and the offshore portions of SMU 1). These were installed in a similar fashion as done in Phase I, but were advanced deeper into the sediment (approximately 2 ft) to ensure the upper sampling intervals were not diluted from the interaction with lake water.

Following installation on September 13, 2007, peepers were left in place for three weeks during the first deployment. Following installation on October 10, 2007, peepers were left in place four weeks during the second deployment. The duration was based on the membranes used for each phase and the predicted time to reach equilibrium.

3.1.2 Peeper Sampling

Each peeper was extracted from the sediment using a winch and cable system similar to the Phase I field effort and processed onshore in the sample trailer. In general, sampling was conducted in accordance with SOP 16 from the Phase I PDI. As determined during the Phase I sampling effort, the portion of the sample volume for VOCs was extracted from each cell and emptied directly into the VOC vials to minimize the potential for volatilization. A 50 mL syringe was used to extract porewater from each cell to fill the appropriate sampling containers.

3.1.3 Peeper Analysis

Samples were analyzed by Severn Trent Laboratories in accordance with the procedures outlined in the Phase 1 QAPP (Parsons, 2005a). Each porewater sample was analyzed for mercury, VOCs (including naphthalene, chlorobenzene and dichlorobenzenes), dissolved organic carbon, pH, and specific conductivity. The sample volumes required are dictated by the analytical methods (EPA Method 8260B for VOCs and EPA Method 7470A for Mercury) and detection limits specified in the QAPP (Parsons, 2005a). Due to limited sample volumes, parameters were prioritized for analysis. As a result not all parameters were analyzed for each

sampling interval. A summary of the locations and analyses completed are provided in Table 2B. A summary of chemical analytical results of the porewater samples is presented in Table 3B of this report. The chemical data was validated in accordance with the USEPA validation protocols as described in the Data Usability Summary Report (Appendix A).

SECTION 4

DEEP BORING INVESTIGATION

4.1 DEEP BORING SAMPLING

A total of two deep borings, one in SMU 1 (OL-STA-10108) and one in SMU 3 (OL-STA-30033), were conducted to assist in refining the subsurface stratigraphy and to collect porewater samples to further our understanding of groundwater beneath the lake (Figures 1 and 3, respectively). As noted on Table 2C, sediment and porewater samples were collected from each unit to identify the chemical and geotechnical properties of each stratum. These borings extended approximately 10 ft into the bedrock at each location. Boring logs for each location can be found in Appendix C of this report. A summary of the chemical and geotechnical results are presented in Tables 3C and 4, respectively. The chemical data was evaluated for usability in accordance with the USEPA validation protocols as described in the DUSR (Appendix A).

4.1.1 Solvay Waste

Each boring was installed by washing a 6-inch casing from the sediment/water interface through the Solvay waste at each location. During advancement of the 6-inch casing, sediment samples were collected on 5-ft intervals, or intervals determined by the field geologist, using 3-inch diameter split spoons to log the borehole. Samples were archived in the event that future analyses are required.

4.1.2 Marl/Silt

Once the marl/silt layer was reached beneath the Solvay waste, sediment was collected with a 3-inch split spoon to obtain as much volume as possible. One sediment sample from this unit was sent to the lab to be centrifuged for porewater and analyzed for the parameters described on Table 2C. This sampling method was intended to establish concentrations in this unit relative to the underlying silt and clay and evaluate the source of the water. A portion of the sediment sample was also analyzed for bulk density, cations and anions prior to centrifugation. Filtered porewater generated by centrifugation was analyzed for salinity, cations and anions. Select intervals were also sent for geotechnical testing.

4.1.3 Silt/Clay

Once the silt/clay layer was reached, continuous sampling commenced with a three-inch split spoon or Shelby tube for the chemical and geotechnical testing in this unit. Once sampling extended 5 ft into the silt/clay, the six-inch casing was set to protect the deep zone from any potential impacts from the shallow zone. The six-inch casing was installed and sealed with bentonite prior to commencement of drilling through the casing. Following casing installation, mud-rotary drilling techniques were used to advance the boreholes to the terminal depth. Four-

inch drill casing was also advanced to prevent borehole collapse. Drill cuttings that were carried to the surface were initially contained in the re-circulation tub and then transferred to 55-gallon drums as needed.

Sediment from three intervals was selected from this unit to evaluate the source of the water and the amount of groundwater flow through this unit. Samples were sent to the lab to be centrifuged for porewater and analyzed for the parameters listed on Table 2C. A portion of the sediment sample was also analyzed for TCL VOCs, bulk density, cations and anions prior to the centrifugation process.

Two Shelby tubes were also collected within this unit and analyzed for standard consolidation testing to evaluate the compressibility characteristics of this material. Several intervals were also selected for disturbed geotechnical analysis.

4.1.4 Silt/Fine Sand

Mud rotary drilling continued into the silt and fine sand unit beneath the silt/clay, and several depths were targeted for sample collection. Sediment samples continued to be collected using three-inch diameter split spoon samplers to collect as much sample volume as possible. A portion of the sediment samples were analyzed for TCL VOCs, bulk density, cations and anions. Intervals were also selected for geotechnical analysis.

After the four-inch casing had been advanced to the bottom of the previous spoon, a Geoprobe® discrete water sampler was installed to collect porewater samples. The Geoprobe® sampler has a screened section that is covered by a sealed protective casing that allows it to pass through the drilling mud without clogging the screen. An attempt was made to collect porewater by pushing the probe approximately 2 ft below the drill casing and retracting the outer casing of the probe to expose the screen. Porewater was allowed to flow for several minutes out of the Geoprobe® casing prior to sampling to ensure a representative sample. Porewater samples were analyzed for the parameters identified on Table 2C.

This technique was successfully used to collect porewater samples from the silt/fine sand unit at OL-STA-30033. However, the method was unsuccessful at OL-STA-10108 because the unit was not as well developed and did not yield sufficient porewater. Additional sediment volume was collected instead and sent to the lab to be centrifuged in order to collect porewater samples. Porewater samples were filtered and analyzed for salinity, cations, and anions.

The results from the porewater and sediment analyses was used to establish a chloride profile in this unit, help identify the origin of the water, and identify the presence of any VOCs that may be linked to the compounds in the deep aquifer along the shoreline.

4.1.5 Sand and Gravel

Field judgments by the on-site geologist were used to determine when continuous sampling would commence to ensure the sand/gravel and till units were accurately defined. Following

confirmation of the sand/gravel unit, the Geoprobe® sampler was advanced in the same manner as described in the silt/fine sand unit above to collect porewater samples. Due to the density and depth of the deep sand and gravel unit, attempts at collecting porewater samples from OL-STA-10108 and OL-STA-30033 utilizing the Geoprobe® sampler were not successful. Additional sand and gravel sediment was instead collected and sent to the lab for centrifugation to collect porewater samples. Porewater samples from the sand and gravel were analyzed for the parameters listed on Table 2C. A portion of the sediment sample was analyzed for TCL VOCs, bulk density, cations, and anions prior to the centrifugation process. Filtered porewater generated by centrifugation was analyzed for salinity, cations, and anions. Sediment samples from this unit were also sent for geotechnical testing.

4.1.6 Bedrock

Following sampling in the sand and gravel unit, continuous split spoons were collected in the glacial till until spoon refusal. Once the top of rock has been identified, rock coring methods were used to collect a 10-ft core into the top of the bedrock. The rock core was logged by the onsite geologist.

Groundwater samples were collected from this interval and tested for analytes listed in Table 2C, including isotopic dating analysis and hydrometer reading for water density in accordance with the Focused Remedial Investigation Work Plan for Wastebeds 1 to 8 (O'Brien & Gere, 2005.) Results of the isotopic dating analysis and hydrometer readings can be found in Appendix E. A packer test was also performed to measure the hydraulic conductivity of the 10-ft interval. Packer testing data is also provided in Appendix E.

Following completion of all coring and packer testing activities, the boreholes were grouted to the sediment/water interface with a cement-bentonite grout and the casing was extracted. Information obtained from these borings will help identify the origin of the groundwater and determine if any contamination is present in the bedrock beneath the lake.

SECTION 5

GROUNDWATER DISCHARGE EVALUATION

The Groundwater Discharge Evaluation portion of the Phase II scope was completed as Addendum 4 to the Phase II Work Plan and focused on collecting conductivity/temperature profiles and chloride data from sediment porewater to evaluate groundwater discharge to the lake.

5.1 CONDUCTIVITY/TEMPERATURE PROFILES AND POREWATER SAMPLING

Conductivity and temperature profiles were collected in SMUs 1, 2, 4, 6, and 7 using a Geoprobe® SC400 conductivity probe to support the groundwater discharge evaluation for this site. Multiple probes were collected from the SMUs listed above to determine if these profiles provided useful data. Probes were not completed in SMU 3 as proposed in the work plan due to the calcite crust encountered during probing activities. Sediment cores and surface water samples were also collected at approximately 20 percent of the probe locations to define the stratigraphy, collect sediment to be centrifuged for porewater, and collect surface water for comparison with the porewater results.

The probe and porewater results have been used to evaluate the relationship between bulk saturated sediment conductivity and chloride concentrations in porewater to estimate the amount of groundwater discharge to the lake. The electrical conductivity of sediment is primarily a function of exchangeable ions absorbed on surfaces. In the lake sediments, we have assumed that the conductivity of the sediment will be small relative to the electrical conductivity of the water phase, as exchangeable ions are unlikely to be large relative to the salinity of the water. If this is true, then the bulk electrical conductivity is merely a function of porosity and water conductivity.

5.1.1 Conductivity and Temperature Profiles

Geoprobe® has developed a probe that allows for the rapid collection of conductivity and temperature data in sediment. The conductivity/temperature probe is approximately 15 inches long, and attached to Geoprobe® rods that are used to advance the tool to depths beyond the limit of other tools. Data from the probe was transmitted via cable inside the rods to a laptop computer on the sampling vessel deck, where the data was continuously logged. Measurements with this unit were collected on 2 cm intervals to provide a high resolution profile.

The conductivity/temperature probes were advanced approximately 20 ft into the sediments or to refusal using Geoprobe® rods either by hand or by mechanical means. The results of the probe were reviewed in real time to determine if the conductivity profile had been established.

The location was deemed complete once three similar data points were observed over a distance of 3.3 ft (1 m) beyond 10 ft below the sediment-water interface. Conductivity/temperature probes were collected from the locations identified on Figures 8 through 11 for SMUs 1, 2, 4, 6, and 7 to generate multiple data points in each SMU. Conductivity and temperature profiles from the geoprobes are included in Appendix F.

5.1.2 Porewater Sampling

At approximately 20 percent of the probe locations, sediment was collected from a 10 ft Vibracore and centrifuged in the laboratory to generate porewater for analysis of major cations, anions, salinity, and conductivity (Table 2D). The sediment samples and centrifugation process were conducted in accordance with the procedures outlined in the Phase I PDI SAP (Parsons, 2005). At each location, sediment samples were collected on 1 ft intervals to a depth of 10 ft to obtain sufficient sediment volume. A summary of the chemical analyses of the porewater samples is provided in Table 3D. The chemical data was validated in accordance with the USEPA validation protocols as described in the DUSR (Appendix A).

5.1.3 Lake Water Sampling

Lake water samples were also collected at each of the porewater sampling locations to compare with the porewater analyses (Table 2D). The lake water samples were collected 1 to 2 ft above the lake bottom in accordance with the procedures outlined in the Phase I PDI SAP (Parsons, 2005). Each sample was analyzed for major cations, anions, salinity, and conductivity. A summary of the chemical analyses of the surface water samples is provided in Table 3D. The chemical data was validated in accordance with the USEPA validation protocols as described in the DUSR (Appendix A).

SECTION 6

WATER TREATABILITY, EFFLUENT ELUTRIATE, ODORS AND COLUMN SETTLING TESTING

Sediment and water samples were collected for various SMUs to support bench-scale tests as described in Addendum 5 of the Phase II Work Plan. The following bench-scale tests were conducted:

- Column Settling Tests (CSTs);
- Effluent Elutriate Tests (EETs);
- Supernatant Treatability Testing; and
- Odor Testing.

6.1 OBJECTIVES

The activities discussed in this section focus on collecting and analyzing sediment and water from Onondaga Lake to evaluate treatment of the supernatant generated at the Sediment Consolidation Area (SCA), providing a better characterization for evaluation of dredged material behavior, and identifying the potential odors generated during remedial activities. Each of the subsections presented below on Water Treatability and Effluent Elutriate Testing (EET), Odor Testing, Column Settling Testing (CST), and Consolidation and Index Testing describe additional details regarding the specific objectives of these testing programs. Unless otherwise stated, the samples for the analyses identified above were collected in accordance with the bulk sediment and water sampling procedures outlined in the Phase I PDI SAP (Parsons, 2005), Phase I PDI QAPP (Parsons, 2005a), and Onondaga Lake PDI SOPs (Parsons, 2005b).

6.2 WATER TREATABILITY AND EET SAMPLING

The objectives of the supernatant confirmation testing were to confirm the findings of the SCA supernatant screening test that was conducted in November 2005 (SMU 1 sediment sample was used for the screening testing); to assess variability of the supernatant water characteristics resulting from future dredging in SMUs 1, 4, 6, and 7 with particular emphasis on mercury and ammonia; to confirm that the treatment technologies previously identified using SMU 1 data will also be effective for the other SMUs; to develop anticipated removal efficiencies for chemical parameters of interest (CPOIs) and other conventional pollutants of interest; to support preparation of discharge requirements; and to identify technologies that should be carried into pilot-scale testing and to develop pilot-scale test design parameters.

Based on the Record of Decision (ROD), the majority of sediments to be dredged are in SMUs 1, 4, 6, and 7. A total of 15 discrete samples from five representative areas: ILWD A, ILWD B, SMU 4, SMU 6, and SMU 7 representative of conditions within these SMUs were collected for use in this Phase II SCA supernatant bench-scale treatability testing. Available Phase II PDI data was considered, along with Phase I PDI and historical data, in selecting the final sampling locations. Samples were collected from areas that will likely be dredged based on a review of the available VOC, SVOC, mercury, and ammonia concentrations, along with grain size, pH, and NAPL presence. The sample locations are summarized on Table 2E and presented on Figures 1, 4, and 6.

Bulk sediment samples were collected from two sample areas (three cores in each area) of the In-lake Waste Deposit (ILWD) in SMU 1 that demonstrated considerable heterogeneity to represent a range of conditions within the ILWD. Three sample locations within SMU 4 were identified to capture the variability in concentration and grain size given the presence of the Ninemile Creek delta. Three sample locations within SMU 6 and three locations within SMU 7 were identified to cover the majority of the potentially dredged sediment and capture the variability in grain size from the sandy material nearshore to the soft black silt offshore.

Each sample location yielded approximately 12 gallons of sediment. Samples were collected from either the 0-1m (0-3.3 ft) depth or the 0-2m (0-6.5 ft) depth, depending on the location (Table 2E). Additionally, approximately 540 gallons of lake water were collected to prepare these samples. Due to the volume of water required for all the water treatment testing, bulk surface water from the lake was collected offshore of the PDI staging area near the SMU 1/ SMU 2 boundary. Subsequent to the EET testing, at four of five SMU areas, the three sediment samples representative of each SMU sample were composited to form four final composites for treatability testing. At a fifth SMU area, one of the three sediment samples (OL-STA-40061) was thought to not be representative. NYSDEC requested sample OL-STA-40061 not be included in the composite. The composite for the fifth SMU area included equal parts of OL-STA-40062 and OL-STA-40063.

A sample for nitrification testing using a trickling filter was also collected. Approximately 150 gallons of sediment was collected and composited from the six locations within the ILWD, as described above (Figure 1) and 450 gallons of bulk surface water was offshore of the PDI staging area. Prior to compositing the samples, sediment was evaluated for biochemical oxygen demand (BOD5), chemical oxygen demand, and ammonia. These results were reviewed and a compositing scheme developed based on these results.

The EETs and water treatability testing was completed by O'Brien and Gere (OBG) in accordance with the United States Army Corps of Engineers (USACE) method for evaluation of effluent discharges from confined disposal facilities (USACE, 2003), and applicable unit processes as previously identified and stated in the Consent Decree (NYSDEC, 2006). A summary of testing methods and results is presented in Appendix G of this report.

6.3 ODOR TESTING

During the Onondaga Lake Phase I PDI, sediment samples were collected and tested in a wind tunnel to estimate potential emission rates of compounds and odors from the dredge area and the SCA. However, this testing did not include identification of the odor composition (neither descriptors of the odors by the Odor Panel nor quantification of specific odorants were part of the wind tunnel test work plan). Therefore, additional sampling and analysis to identify the odor-causing compounds in the sediments is noted below.

6.3.1 Odorant Identification

In order to identify the key odorants in the sediments, samples were collected from two portions of the ILWD (Area A and B), SMU 6, and SMU 7 for analysis (Figures 1 and 6). Sample locations were selected based on review of existing site data to identify sediment that will most likely be to generate odors representative of each respective SMU. Approximately five gallons of sediment was collected using a Vibracore from either the 0-1 meter (0-3.3 ft) depth or the 0-2 meter (0-6.5 ft) depth, depending on the location (Table 2E). The sediment was extruded from the Vibracore liner and placed in sealed 5-gallon pails with zero headspace. The samples were refrigerated onsite and shipped on ice to Service Engineering in St. Paul, Minnesota for processing. As noted above, the details regarding the analysis of these samples, data management, and laboratory requirements are presented in the QAPP (Parsons, 2005a).

Upon receipt, Service Engineering tumbled each pail without opening the original pails to homogenize the samples without loss of odorants. Sample collection was assisted by St. Croix Sensory Services of Lake Elmo, Minnesota. Subsamples of sediment were placed in appropriately sized bags to generate adequate headspace volume to meet the sample volume requirements of the following analyses:

- VOC (TO-15) and Reduced Sulfur Compounds (ASTM D5504-01) - 1 liter Tedlar Bag;
- Amines (CAS AQL Method 101) - 100 liter Tedlar bag;
- Organic (Carboxylic) Acids (CAS AQL Method 102) - 100 liter Tedlar bag; and
- Aldehydes (TO-11A) - 100 liter Tedlar bag.

Sample bags containing the sediment were held at room temperature for more than 24 hours before head space samples were withdrawn and measured as per the appropriate method. Gas samples were shipped to Columbia Analytical in Simi Valley, California for analysis to quantify odorant concentrations.

In addition, five liters of headspace gas from each sampled location were obtained for assessment by an odor panel in the same manner as described in the Wind Tunnel Testing Report (Service, 2008). This included assessment of diluted odor samples by the odor panel, which reported the lowest dilution ratio at which an odor is detected (Detection Threshold), and is

"describable" (Recognition Threshold), along with the intensity and persistence of the odor. The Panel also reported the hedonic tones of the odors, descriptors of the odors in accordance with the appropriate standards (ASTM E 679-04: "Standard Practice for Determination of Odor and Taste Thresholds By a Forced-Choice Ascending Concentration Series Method of Limits," and the compatible, but more specific European Odor Testing Standard prEN13725: "Air Quality - Determination of Odor Concentration by Dynamic Olfactometry").

Sediment samples were also obtained from each pail for VOC and SVOC analysis to enable comparison to sediments used in the wind tunnel tests. These samples were used to evaluate the concentration relationship between those samples utilized for the wind tunnel tests and the odor test to determine if any adjustment were required when comparing the two data sets. Results from the odor testing program are included as Appendix H of this report.

6.4 COLUMN SETTLING, CONSOLIDATION, AND INDEX TESTING

Based on the results of the Phase I testing, additional Column Settling Tests (CSTs), self-weight consolidation and index testing were recommended to collect data for remedial design. The Phase I data show that there are differences in physical characteristics of the sediment that will be dredged and these differences appear to have significant impact on settling and self-weight consolidation behavior. It is important to have the data necessary to quantify these differences for final design of the SCA and supernatant treatment plant (STP).

CSTs and self-weight consolidation tests were co-located with the EET tests described above. The EET provides data on total and dissolved chemical concentrations and suspended solids and the CST provides data on total suspended solids (TSS) variation with time and solids concentrations in the settled solids. The data from both tests is necessary for SCA design and having data from both tests on the same sediment type provides the most accurate characterization for evaluation of dredged material behavior in the SCA.

Bulk sediment samples were collected from two sample areas (three cores in each area) of the ILWD in SMU 1 that demonstrated considerable heterogeneity to represent a range of conditions within the ILWD. Three samples were also collected in each SMU 4, 6, and 7 in areas that are representative of the potentially dredged material. Available Phase II PDI data was considered, along with Phase I PDI and historical data, in selecting the final sampling locations. Sample locations were placed in areas that may be dredged following review of the available VOC, SVOC, mercury, and ammonia concentrations, along with grain size, pH, and NAPL presence. In addition, one set of tests was performed on material collected from the anticipated SMU 3 dredge area. Additional testing was also performed using multiple slurry concentrations on materials at location OL-STA-10031 in SMU 1, which was previously sampled during the Phase I PDI.

Samples were collected from the 0-1 meter (0-3.3 ft) depth or the 0-2 meter (0-6.5 ft) depth, depending on the location, and analyzed using the tests identified on Table 2E. The sample

locations are summarized on Figures 1, 3, 4, and 6. Bulk sediment samples were collected from each SMU noted above using a Vibracore unit. Bulk surface water from the lake was collected with a submersible pump offshore of the PDI staging area near the SMU 1/SMU 2 boundary. All samples were collected in accordance with the Phase I PDI SAP (Parsons, 2005). Results from the column settling, consolidation, and index tests are presented in Appendix I.

SECTION 7

CAP DESIGN BENCH SCALE TESTING

Cap design bench scale testing was completed as Addendum 6 to the Phase II Work Plan to support the sediment cap design was conducted at the University of Texas under the direction of Dr. Danny Reible. These tests were designed to address areas of uncertainty associated with the application of a sediment cap in Onondaga Lake, including:

- gas generation and subsequent contaminant mobility (gas generation/migration tests);
- cap consolidation-induced contaminant mobilization (consolidation and mobilization tests); and
- biodegradation rates of chemical parameters of interest (CPOIs).

Samples for these tests were collected from areas assumed to have the highest potential to compromise the integrity of the proposed sediment cap such as areas of known high contaminant concentration, previously observed NAPL, or where highly unconsolidated (soft) sediments were expected. The sample locations and data-gathering methods are described in this section. Details of the analyses and testing performed are included in Appendix J. A summary report of the study methods and results is included as Appendix J of this report. The Phase II samples were collected in accordance with the procedures outlined in the Phase I PDI SAP (Parsons, 2005), QAPP (Parsons, 2005a), and SOPs (Parsons, 2005b), with modifications discussed below.

7.1 SAMPLE COLLECTION

Cores were collected from a pontoon boat using a Vibracore in accordance with the procedures outlined in the Phase I PDI SAP (Parsons, 2005). Cores were located in areas that were representative of the sediment that will be capped. Cores for the consolidation testing and gas migration experiments in the ILWD were located in areas with visible NAPL. Sediment cores from the ILWD were evaluated visually to detect for the presence or absence of NAPL. Cores for the study were collected at 12 locations as shown in Figures 1 and 6. Six core locations were within the ILWD (OL-STA-10114 through 10119), three locations in SMU 6 (OL-STA-60098 through 60100), and three locations in SMU 7 (OL-STA-70048 through 70050). For the consolidation study, three additional cores were collected in the ILWD (OL-STA-10114, 10115, and 10118) and three in SMU 7 (OL-STA-70048 through 70050). Table 2E lists coring locations and collection details.

Three side-by-side 3-5/8-inch diameter cores were collected at four of six locations in SMU 1 and at three locations in SMU 7. Two side-by-side cores were also collected at two of six locations in SMU 1 and at three locations in SMU 6. The quantity of cores collected at OL-STA-10116 and OL-STA-10118 were reversed from the planned quantity listed in the Work

Plan. Two cores were collected at OL-STA-10116 and three cores were collected at OL-STA-10118. A NAPL mobilization core was proposed to be collected at OL-STA-10116, but NAPL was not observed in any of the cores collected at this location. NAPL was observed at location OL-STA-10118 and the NAPL mobilization core was collected at this location instead. The cores were collected from the 0 to 2 meter interval. A 14 inch segment (maximum length that can be shipped vertically in cooler) of each core was selected for shipment to laboratory for bench testing. Criteria for selecting the appropriate segment from each core included:

- representative of materials within the core;
- biased toward the top of the core, but excluding the top three to six inch nepheloid layer, which may be aerobic and not representative;
- excluded "crusty" layers that were hard to handle in the laboratory; and
- included visible NAPL globules (when possible).

In the ILWD, cores collected for the consolidation studies and gas-induced contaminant mobilization studies had visible NAPL present at the time of collection. In SMU 7, cores contained stained soft black silt material containing petroleum-like compounds for use in the consolidation studies. This material was also used in the gas-induced contaminant mobilization study.

Core segments were capped and sealed immediately after collection and an effort was made to minimize exposure to ambient air. The cores were shipped vertically, and were maintained at 4°C and sealed with no headspace until tests were conducted. Details on the testing procedures are provided in Appendix J.

SECTION 8

WASTEBED 13 INVESTIGATION

8.1 OBJECTIVES

A major component of NYSDEC's and USEPA's selected remedy for Onondaga Lake, as specified in the ROD for the Onondaga Lake Bottom Subsite of the Onondaga Lake Superfund Site (NYSDEC and USEPA, 2005), includes the removal and placement of sediments in an onsite SCA. As discussed and concluded in the Onondaga Lake SCA Siting Evaluation (Parsons, 2006b), Wastebed 13 is the proposed SCA location based on an evaluation of access considerations, capacity, current and future site use, geotechnical considerations, and potential community impacts. The Wastebed 13 investigation was completed as Addendum 2 and Addendum 3 to the Phase II Work Plan. The objective of the Wastebed 13 investigation is to obtain sufficient data for development of the SCA. The specific objectives are as follows:

- Establish basin geometry (e.g., approximate gravel pit geometry, Solvay waste thickness, interior dike geometry);
- Obtain additional data for evaluating potential settlement across the wastebed; and
- Obtain water level data both in the dikes and the wastebed.

These objectives were investigated during two stages of field investigation activities. Stage 1 consisted of piezocone penetrometer testing (CPTu) while Stage 2 focused on subsurface soil sampling, laboratory testing, and piezometer installation. The two stages are described in additional detail below.

8.2 STAGE 1: CPTU PROGRAM

CPTu soundings were conducted by pushing a cone that measures tip resistance, sidewall friction, and porewater pressure on the end of small diameter drill rods. One hundred-thirteen (113) CPTu soundings were completed to compliment the existing 38 soundings previously advanced within Wastebed 13. This included an additional 33 soundings based on the 80 soundings originally proposed in the Phase II PDI Work Plan, Addendum 3 (Parsons, 2006). CPTu locations are shown on Figure 12. The CPTu soundings were advanced approximately 15 ft into native material or until refusal, whichever came first. Data obtained during Stage 1 was used to refine the boring/piezometer cluster locations during Stage 2 of the investigation.

The proposed CPTu locations were selected to obtain fairly uniform coverage across the wastebed, while focusing on the following specific areas within the basin:

- Inside Edge of the Perimeter Dike: Soundings were completed approximately 400 ft along the inside edge of the wastebed perimeter dike. The primary purpose of these soundings is to assess the variability, composition, and properties of the materials near the perimeter dike and to establish the inside dike geometry.
- Perpendicular to the Perimeter Dike: At seven locations along the wastebed perimeter, a set of two CPTu soundings were advanced along an orientation perpendicular to the perimeter dike at approximately 50 to 100 ft from the dike. These soundings were coupled with the CPTu soundings along the inside edge of the perimeter dike to form transects. The primary purpose of these soundings was to establish the inside dike geometry and Solvay waste variability and thickness near the edges of the wastebed. Specifically, the tip resistance was used to estimate the undrained shear strength and to develop strength profiles with depth.
- Wastebed 13 Basin: To better characterize the thickness and consistency of the Solvay waste in Wastebed 13, 35 CPTu soundings were advanced across the remainder of the wastebed to evaluate the wastebed geometry and Solvay waste thickness. The addition of these soundings to the original soundings, with an approximate spacing of 400 ft between soundings, was accomplished across the basin. Eleven of these locations were specifically selected to provide data regarding the existing depressed areas (i.e., areas at or below elevation 426 ft) within the wastebed. Cross sections developed using existing borings and soundings, in combination with historical information and existing topography, were used to target these areas.
- Pilot Study Area: Two soundings were completed in the Pilot Study Test Plot at locations that were previously tested (i.e., CPT-5 and CPT-6). In addition, two soundings were also completed along the outside of the test plot near locations SB915-INEX-A13 and A11 (Figure 13). These soundings were compared to the soundings that were taken previously (i.e., in 2005 prior to the test plot construction) to evaluate changes in the Solvay waste's strength and consolidation properties due to fill placement.

8.2.1 Porewater Pressure Dissipation Tests

Porewater pressure dissipation tests were performed at 23 CPTu locations that were spread relatively even across the wastebed. Porewater pressure dissipation tests consisted of stopping the probe at 15 ft, 30 ft, 45 ft, and the bottom of the borehole, and recording the time rate of excess porewater pressure dissipation. One of the proposed locations, CPT-59, coincided with the test plot area where time rate of settlement trends had already been recorded. A complete summary of the CPTu methods, CPTu logs, and porewater dissipation results are included in Appendix K.

8.3 STAGE 2: BORING PROGRAM

The 19 locations used for the Stage 2 subsurface borings and piezometer clusters within the wastebed are shown on Figure 12. These locations were used for the following purposes: 1) to confirm the observations and findings from the CPTu soundings (e.g., depth to native or dike material); 2) to perform standard penetration testing (SPT) and collect split-spoon samples (ASTM D1586); 3) to collect undisturbed Shelby tube (ASTM D1587) and/or piston samples (ASTM D6519) for laboratory characterization and testing; and 4) to install piezometers. Of these 19 locations, 13 are boring locations (SB915-SB13-01 through SB915-SB13-13) and six are piezometer clusters (SB915-PZ13-01 through SB915-PZ13-06).

In addition, nine single piezometers were installed along the dikes themselves (SB915-PZ13-07 through SB915-PZ13-09 and SB915-PZ13-11 through SB915-PZ13-16, and one single piezometer, SB915-PZ13-10 was installed outside the wastebed, as shown on Figure 12. A summary of geotechnical analyses are presented in Table 2F. All boring and piezometer construction logs are located in Appendix L of this report.

8.3.1 Subsurface Boring and Sampling Within Wastebed 13

The 19 boring/piezometer cluster locations within the wastebed were co-located with CPTu soundings conducted during Stage 1 of this investigation or previous investigations. Four of the locations coincided with areas where there are existing depressions in the surface topography that were being targeted during Stage 1. These locations included: SB915-SB13-03, SB915-PZ-13-04, SB915-SB13-07, and SB915-SB13-12. Two of the boring locations, SB915-SB13-04 and SB915-SB-13-05, corresponded with the Phase I Settlement Pilot Study test plot.

Borings were advanced approximately 10 ft into native materials at 16 locations. At two locations (SB915-SB13-01 and SB915-SB13-06), borings extended to a depth of 120 ft and at one location (SB915-PZ13-04) a boring/piezometer was extended to a depth of 115 ft. These deeper borings, in combination with borings DM-8, DM-9, and DM-10 that were completed prior to wastebed construction (Dames and Moore, 1975), were advanced to confirm that the native materials below the waste are consistent across the wastebed. For the piezometer clusters, the installation of between three and four piezometers was proposed at each of the six proposed locations. For each cluster, one piezometer was installed in the initial borehole where samples were obtained, and the others were installed in separate boreholes drilled (without sampling) adjacent to the initial borehole.

In addition to disturbed split-spoon samples on 5-ft long vertical intervals, undisturbed samples were also collected at each of the 19 boring locations. Undisturbed samples were obtained from the top, middle, and bottom sections of the Solvay waste at each location using either an undisturbed Shelby tube (ASTM D1587) or a piston sampler (ASTM D6519). Samples were allowed to sit for at least 15 minutes prior to retrieval to increase sample recovery for the Solvay waste samples.

8.3.2 Piezometer Installation Within Wastebed 13

Piezometers were also installed as part of the Stage 2 field work to monitor water levels within shallow, intermediate, and deep intervals of the Solvay waste; and to monitor water levels within the native materials at the bottom of the basin. Four of the piezometer clusters (SB915-PZ13-01, SB915-PZ13-02, SB915-PZ13-04, and SB915-PZ13-05) within the wastebed were installed at locations where porewater pressure dissipation tests were conducted. The SB915-PZ13-01 through SB915-PZ13-03 and SB915-PZ13-05 clusters include three piezometers; while the SB915-PZ13-04 and SB915-PZ13-06 clusters include four piezometers. The piezometers installed during this phase of work complement the piezometer clusters installed during Phase I (i.e., the pilot study) and during the 2004 geotechnical investigation (i.e., PZ-01 and PZ-02). The combination of the new and existing piezometer networks result in a piezometer cluster network at a spacing of approximately one cluster per 20 acres.

Vibrating wire piezometers were installed for most locations within the wastebed with the exception of SB915-PZ13-04N where a standpipe piezometer was installed just above the till (113 ft). Vibrating wire piezometer depths were based on the piezocone response during nearby CPTu soundings and field observations during drilling.

Standard SPT sampling at each 5-ft depth intervals with manual/visual classification was conducted only for the deepest piezometer at each cluster.

8.3.3 Perimeter Dike Piezometer Installation

In addition to the piezometers that were installed within the wastebed itself, nine single-depth (i.e., non-clustered) piezometers were installed at approximately 1,200-ft longitudinal intervals along the dikes to monitor water levels in the dikes, and one-single depth piezometer was installed outside the wastebed to monitor water levels in the native materials.

Standard SPT sampling at each 5-ft depth interval with manual/visual classification was conducted at all piezometer locations. A combination of standpipe and vibrating wire piezometers were used. Location SB915-PZ13-08, SB915-PZ13-10, SB915-PZ13-12, and SB915-PZ13-16 were standpipe piezometers and the remaining locations were vibrating wire piezometers.

8.3.4 Laboratory Testing

For disturbed samples collected during the proposed split spoon sampling activities in native soil or Solvay waste materials, the following index testing was completed:

- moisture content (ASTM D2216);
- grain size with hydrometer (ASTM D422);
- Atterberg Limits (ASTM D4318);
- carbonate content (ASTM D4373); and

- specific gravity (ASTM D854).

Test quantities were finalized based on the consistency and visual characterizations of the field samples, and represent the full range of material behavior noted during CPTu soundings. Index testing (except carbonate testing) was also performed on the native material. For the Solvay waste, at least one moisture content test and one carbonate content test were performed on samples from the top, middle, and bottom of the Solvay waste at each of the 19 boring locations inside Wastebed 13. The remaining index tests (i.e., grain size with hydrometer, Atterberg limits, and specific gravity) were performed on at least two samples of Solvay waste per location from locations where the moisture content and carbonate content tests were also performed. Results of the index testing can be found in Table 4C.

One-dimensional consolidation (consolidation) tests in accordance with ASTM D2435, unconsolidated undrained (UU) triaxial tests in accordance with ASTM D2850, isotropically consolidated undrained (CIU) triaxial tests with pore pressure measurements in accordance with ASTM D4767, and bulk density tests in accordance with EM-1110-2-1906 were performed on representative portions of the undisturbed samples. Consolidation tests were completed at 11 locations across the site. Samples were collected from various depths at each of these locations for a total of 26 consolidation tests. Consolidation testing results can be found in Appendix M

UU and CIU triaxial strength testing was conducted at approximately 11 locations across the site. At each of these locations, one to two sample depths were sampled, resulting in a total of 16 UU and 16 CIU tests. The specific locations and depths selected for these tests depended on interpreted strength noted during CPTu soundings and on the consistency of the materials noted during borehole drilling. UU and CIU data results can be found in Appendix M of this report.

SECTION 9

METEROLOGICAL STATION MONITORING

9.1 METEOROLOGICAL STATIONS

In addition to the potential emission rates for the CPOIs, the magnitude of ambient air CPOIs and odor concentrations predicted by dispersion modeling is a function of the atmospheric conditions governing the transport and diffusion of the emitted compounds. In order to develop the most realistic predictions of concentrations of remediation related emissions, it is necessary to have meteorological data that are most representative of the specific areas under study.

A meteorological station was installed as part of the Phase II PDI in the area near SMU 1 to collect site specific data near the dredge zone. The station is a 10-m meteorological tower similar to the one currently operating at Wastebed 13 (installed as part of the Phase I PDI) and collects data representative of initial transport of emissions from dredging related activities. The tower is located on the Willis/Semet site along the Interstate 690 fence across from SMU 2. The solar-powered tower was installed in November 2006 and began collecting continuous data (measurements collected every five minutes) on December 1, 2006. The table below summarizes the parameters that are currently being measured by the station and the results for this tower and the Wastebed 13 tower to date are presented in Appendix N.

2-Meter Level Measurements	10-Meter Level Measurements
Temperature	Horizontal Wind Speed
Relative Humidity	Horizontal Wind Direction (WD)
Dew Point Temperature	Standard Deviation of Horizontal WD or
Solar Radiation	Sigma-Theta (computed)
Barometric Pressure	Orthogonal Wind Components
	Standard Deviation of Wind Components
	or Vertical/Lateral Turbulence (computed)
	Temperature
	Temperature Difference (10m vs. 2m)

To ensure the most precise data are used in the analysis, sensory instrumentation and data acquisition hardware has been used with software that fully meets the performance and operating specifications in USEPA's guidelines for air quality modeling applications, including "Meteorological Monitoring Program Guidance for Regulatory Modeling Applications" (USEPA, 2000).

SECTION 10

DATA MANAGEMENT

10.1 DATA MANAGEMENT

10.1.1 Field Database

An electronic database was developed for the Phase II PDI to ensure consistency in field sample ID assignment and compatibility with the Locus Focus data management system. The data collection program prepared for the Phase II field program is similar to the one used during the Phase I PDI.

10.1.2 Quality Assurance/Quality Control

Field quality assurance/quality control (QA/QC) consisted of the collection and analysis of field duplicates, and matrix spike/matrix spike duplicate samples at a frequency of one per twenty samples for each sample media (sediment and porewater) with the exception of peeper sampling. Due to the limited volumes available with this type of sampling approach, one set of QA/QC samples was collected during each round of sampling. All field QA/QC samples were identified using standard sample identifiers and collected in accordance with the Phase I PDI QAPP (Parsons, 2005a).

10.1.3 Sample Holding

Samples were collected and handled according to the procedures outlined in the Phase I PDI SAP (Parsons, 2005) and QAPP (Parsons, 2005a).

10.1.4 Sample Collection and Recordkeeping

Samples were collected and managed by the field database as described above. All sample recordkeeping and database entry (Locus Focus) were conducted in accordance with the Phase I PDI SAP (Parsons, 2005) and QAPP (Parsons, 2005a) on each of the sampling vessels and in the sample processing area.

10.1.5 Data Validation

Analytical data generated during the investigation activities was reviewed and validated in accordance with the approved Phase I SAP (Parsons, 2005) and QAPP (Parsons, 2005a). Data validation of Level II through Level IV analytical deliverables was performed (task dependent) in accordance with guidance provided by the USEPA and adapted to the QA/QC criteria in the USEPA CLP, USEPA SW-846. Following validation, the results were incorporated into the Locus Focus database.

SECTION 11

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TABLES

TABLES

Table 1
Task Summary

TASK	OBJECTIVE	LOCATION	PRIMARY ACTIVITY
Sediment Coring	Refine dredge volumes and cap areas	SMUs 1-8	Collect shallow (up to 20 ft) vibracore sediment samples to analyze for chemical and geotechnical properties.
	Define volumes needed for SCA design		
	Evaluate the extent of the ILWD in SMU 2, 7, and 8		
Deep Borings	Calibrate/evaluate assumptions in groundwater model	SMUs 1 & 3	Collect deep borings for stratigraphy, and sediment/porewater samples to analyze for chemical and geotechnical properties.
	Identify stratigraphy and quantify upwelling velocities		
Lake Meterological Station	Collect meteorological data related to support the cap design; primarily used for odor & emissions modeling.	Lakeshore near SMU 1	Install met tower, instrumentation, and controls and monitor for a one year period.
Porewater Evaluation: Peepers	Further characterize the porewater CPOI in the SMUs where capping is a major portion of the remediation.	SMUs 1, 2 & 7	Prepare, install and remove extended stainless steel peepers from lake bottom and sample porewater ports for chemical analysis.
Groundwater Discharge Evaluation	Collect conductivity/temperature profiles and chloride data from sediment porewater to evaluate groundwater discharge in various parts of the lake.	SMUs 1-4, 6 & 7	Deploy Geoprobe and collect conductivity/temprature data; Collect samples for centrifuge testing to to evaluate the relationship between chloride concentrations in porewater and bulk saturated sediment conductivity to determine the amount of groundwater discharge to the Lake.
Cap Design Bench Scale Testing	The studies were designed to support assumptions made in the cap model and to examine the potential for processes such as consolidation, gas generation and biodegradation to impact the performance of the cap.		
Water Treatability and EET Sampling	Confirm the findings of SCA supernatant screening tests to assess variability of the supernatant water characteristics resulting from future dredging with particular emphasis on mercury and ammonia.	SMUs 1, 4, 6, & 7	Collect bulk sediment samples and bulk lake water for EET and water treatability testing.
Odor Testing	Sampling and analysis to identify the odor-causing compounds in the sediments that would be released during dredging and treatment activities.	SMUs 6 & 7	Collect bulk sediment samples and analyze for VOCs, amines, organic (carboxylic) acids, and aldehydes. Determine detection threshold and recognition threshold, intensity and persistence of odor by an odor panel.
Column Settling, Consolidation and Index Testing	Collect and test bulk sediment samples to confirm Phase I column settling, self-weight consolidation and index testing results to quantify differences in sediment for final design of the SCA and the supernatant treatment plant.	SMUs 1, 3, 4, 6, & 7	Collect bulk sediment and bulk lake water for column settling, consolidation and index testing in addition to VOC, SVOC, mercury, ammonia analysis and grain size, pH and NAPL presence.
Wastebed 13 Investigation	The objectives were to establish the wastebed basin geometery, waste thickness, and dike geometery and evaluate potential settlement across the wastebed, and water level data in the dike and wastebed.	Onshore	Conduct cone penetrometer tests to assess varibility, composition, and porewater pressure properties of subsurface materials. Conduct soil borings, sample soils for geotechnical analysis, install piezometers, and monitor groundwater in piezometers.

Table 2A
Vibracore Sediment Locations and Analyses

								Chemical Analysis									Geotechnical Analysis				
	Description	Map Symbol	Number of Locations	Number of Intervals	Sampling Intervals (ft)	Location	Total Depth (ft)	Mercury	VOCs (CPOIs) + Benzene & Toluene[1]	SVOCs (CPOIs) + Phenol[1]	Total PCBs	pH	Total Sulfides	Total Ammonia	TOC (Loyd Kahn)	Phenol	Moisture Content	Grain Size w/Hydrometer	Atterberg Limits	Specific Gravity	Seepage Induced Consolidation Test
								Number of Samples													
SMU 1	Shallow Vibracores		49	6	3.3 ft (1m) intervals from top 20 ft of core	OL-VC-10034 - 10107[2]	20	578	578	578	561	578	578	578	578		194	62	62	21	6
	Co-located Vibracores (Suffix of "A")		48	6																	
SMU 2	Shallow Vibracores		8	4	3.3 ft (1m) intervals from top 13 ft of core	OL-VC-20067 - 20071, 20080 - 20082	20	32	32	32	32	32	32	32	32		31	16	9	5	1
	Shallow Vibracores		7	6	3.3 ft (1m) intervals from top 20 ft of core	OL-VC-20072 -20079/A	20	54	54	54	54	54	54	54	54		49	22	19	9	2
	Co-located Vibracores (Suffix of "A")		2	6																	
SMU 3	Shallow Vibracores		5	2	0-0.5 and 0.5-3.3 ft intervals	OL-VC-30034 - 30038	20	10	10	10	10	10	10	10	10		31	14	13	5	2
			2	3	3.3 ft (1m) intervals from top 10 ft of core	OL-VC-30039 - 30040	20	6	6	6	6	6	6	6	6		12	5	4	1	1
			3	6	3.3 ft (1m) intervals from top 20 ft of core	OL-VC-30041 - 30043	20	18	18	18	18	18	18	18	18		18	7	6	4	1
SMU 4	Shallow Vibracores		9	2	0-0.5 and 0.5-3.3 ft intervals	OL-VC-40016 - 40024	20	18	18			18	18	18	18	18	48	18	17	6	2
			9	3	3.3 ft (1m) intervals from top 10 ft of core	OL-VC-40025 - 40032, 40042	20	27	27			27	27	27	27	27	47	19	18	3	2
			9	6	3.3 ft (1m) intervals from top 20 ft of core	OL-VC-40033 - 40041	20	54	54			54	54	54	54	54	55	19	19		1

Table 2A
Vibracore Sediment Locations and Analyses

	Description	Map Symbol	Number of Locations	Number of Intervals	Sampling Intervals (ft)	Location	Total Depth (ft)	Chemical Analysis									Geotechnical Analysis				
								Mercury	VOCs (CPOIs) + Benzene & Toluene[1]	SVOCs (CPOIs) + Phenol[1]	Total PCBs	pH	Total Sulfides	Total Ammonia	TOC (Loyd Kahn)	Phenol	Moisture Content	Grain Size w/Hydrometer	Atterberg Limits	Specific Gravity	Seepage Induced Consolidation Test
								Number of Samples													
SMU 5	Surface Vibracores		17	1	0 - 0.5 ft interval	OL-VC-50001 - 50017 (S95, S108, S111)	0.5	17							17		15	4	5	2	
			5	1	0 - 0.5 ft interval	OL-VC-50018-50022 (S66)	0.5	5	5	5	5	5	5	5	5						
SMU 6	Shallow Vibracores		5	2	0-0.5 and 0.5-3.3 ft intervals	OL-VC-60054 - 60058	20	10	10	10	10	10	10	10	10		32	17	17	5	2
			7	3	3.3 ft (1m) intervals from top 10 ft of core	OL-VC-60059 - 60065	20	21	21	21	21	21	21	21	21		43	19	19	4	2
			5	6	3.3 ft (1m) intervals from top 20 ft of core	OL-VC-60066 - 60070	20	30	30	30	30	30	30	30	30		30	12	12	1	
SMU 7	Shallow Vibracores		11	6	3.3 ft (1m) intervals from top 20 ft of core	OL-VC-70016 - 70024/A and OL-VC-70031 - 70034	20	90	90	90	90	90	90	90	90		59	16	16	6	2
	Co-located Vibracores (Suffix of A/B)		4	6																	
	Shallow Vibracores		6	4	3.3 ft intervals from top 13 ft of core	OL-VC-70025 - 70030	20	24	24	24	24	24	24	24	24		36	18	8	2	
SMU 8	Surface Vibracores		5	1	0 - 0.5 ft interval	OL-VC-80023 - 80027	0.5	5	5	5	5	5	5	5	5		5	2	3	1	
	Shallow Vibracores		11	7	0-0.5, 0.5-3.3 and 3.3 ft (1m) intervals from top 20 ft of core	OL-VC-80028 - 80036 and OL-VC-80050-80051	20	77	77	77	77	77	77	77	77		64	17	17	7	3
			10	2	0-0.5 and 0.5-3.3 ft intervals	OL-VC-80037 - 80045, 80049	3.3	20	20	20	20	20	20	20	20		13	9	9	4	2
			3	2	0-0.5 and 0.5-3.3 ft intervals	OL-VC-80046 - 80048	3.3	6	6			6	6	6	6	6	6	2	2		1

Note:

1. CPOI list for VOCs and SVOCs are the same compounds as the Phase I PDI (Parsons, 2005)
2. Location OL-VC-10045 omitted due to shallow water

Table 2B
Porewater Locations and Analyses

Description		Map Symbol	Number of Locations	Number of Intervals	Sampling Intervals (ft)	Location	Total Depth (ft)	Mercury	VOCs	Salinity	pH	DOC
								Number of Samples				
SMU 1	Extended Peepers/Co-located Peepers (Suffix of "A")		1	8	1 ft intervals from top of peeper	OL-PP-10034	8	5	8	2	2	1
			1	8	1 ft intervals from top of peeper	OL-PP-10036	9	8	8	8	8	8
			1	9	1 ft intervals from top of peeper	OL-PP-10040	9	9	9	8	8	9
			1	8	1 ft intervals from top of peeper	OL-PP-10042	8	8	8	8	8	8
			1	8	1 ft intervals from top of peeper	OL-PP-10055	8	8	8	8	8	8
			1	7	1 ft intervals from top of peeper	OL-PP-10063	9	7	7	6	7	6
			1	8	1 ft intervals from top of peeper	OL-PP-10071	8	8	8	8	8	8
			1	9	1 ft intervals from top of peeper	OL-PP-10095	9	9	9	9	9	9
			1	9	1 ft intervals from top of peeper	OL-PP-10096	9	8	9	5	5	7
			1	8	1 ft intervals from top of peeper	OL-PP-10040A	8	8	8	8	8	8
			1	9	1 ft intervals from top of peeper	OL-PP-10096A	9	8	9	7	7	8

Table 2B
Porewater Locations and Analyses

Description		Map Symbol	Number of Locations	Number of Intervals	Sampling Intervals (ft)	Location	Total Depth (ft)	Mercury	VOCs	Salinity	pH	DOC
								Number of Samples				
SMU 2	Extended Peepers		1	8	1 ft intervals from top of peeper	OL-PP-20006	8	8	8	4	4	6
			1	8	1 ft intervals from top of peeper	OL-PP-20011	8	8	8	7	7	8
			1	8	1 ft intervals from top of peeper	OL-PP-20079	8	8	8	8	8	8
SMU 7	Extended Peepers		1	8	1 ft intervals from top of peeper	OL-PP-70017	8	7	8	4	4	7
			1	6	1 ft intervals from top of peeper	OL-PP-70021	8	6	6	5	6	5
			1	8	1 ft intervals from top of peeper	OL-PP-70022	8	8	8	8	8	8
			1	8	1 ft intervals from top of peeper	OL-PP-70024	8	7	8		2	2
			1	8	1 ft intervals from top of peeper	OL-PP-70031	8	8	8	8	8	8
			1	7	1 ft intervals from top of peeper	OL-PP-70021A	8	7	7		4	6
			1	8	1 ft intervals from top of peeper	OL-PP-70022A	8	8	8	8	8	8

Note: CPOI list for VOCs and SVOCs are the same compounds as the Phase I PDI (Parsons, 2005)

Table 2C
Deep Boring Locations and Analyses

							Sediment			Dissolved Porewater from Centrifuge		Dissolved Porewater				Index				Consolidation	
Description	**Map Symbol**	**Number of Locations**	**Sampling Intervals (ft)**	**Location**	**Total Depth (ft)**		**TCL VOCs**	**Bulk Density**	**Cations/Anions**	**Salinity - Method SW 9050**	**Cations/Anions**	**TCL VOCs**	**Salinity - Method SW 9050**	**Isotopic Analysis, Hydrometer Reading (Water Density)**	**Cations/Anions**	**Moisture Content**	**Grain Size w/Hydrometer**	**Atterberg Limits**	**Specific Gravity**	**Seepage Induced Consolidation Test**	**Std Consolidation (Undisturbed)**
							Number of Samples														
Deep Boring to Till/Top of Rock		1	Split Spoons / Shelby Tubes	OL-STA-10108	~180 ft	Marl		1	1	1	1					30	11	11	6	1	2
						Clay	3	3	3	3	3										
						Fine Sand	1	1	1	1	1										
						Sand/ Gravel	2	2	2	2	2										
						Bedrock						1	1	1	1						
Deep Boring to Till/Top of Rock		1	Split Spoons / Shelby Tubes	OL-STA-30033	~120 ft	Marl		1	1	1	3					31	9	9	5	1	2
						Clay	3	3	3	3	3										
						Fine Sand	5	5	5			4	4		4						
						Sand/ Gravel	1	1	1	1	1										
						Bedrock						1	1	1	1						

Description		Map Symbol	Number of Intervals	Sampling Intervals (ft)	Location	Total Depth (ft)	Porewater Analyses		Surface Water Analyses	
							Cations/Anions	Conductivity/ Salinity	Cations/Anions	Salinity
							Number of Samples			
SMU 1	Temperature/ Conductivity Probes		NA	Continuous from 0 ft to end depth	OL-GP-10108	20.95 ft.				
			NA	Continuous from 0 ft to end depth	OL-GP-10109	20.85 ft.				
			NA	Continuous from 0 ft to end depth	OL-GP-10110	20.90 ft				
			NA	Continuous from 0 ft to end depth	OL-GP-10112	18.80 ft				
	Co-located Vibracores and Surface Water Sample		10	Probe continuous from 0 ft. to end depth/core 1 ft. intervals	OL-STA-10111	Probe 7.65 ft. Core 10 ft	10	10	1	1
SMU 2	Temperature/ Conductivity Probes		NA	Continuous from 0 ft to end depth	OL-GP-20083	13.6 ft				
			NA	Continuous from 0 ft to end depth	OL-GP-20084	17.85 ft				
			NA	Continuous from 0 ft to end depth	OL-GP-20086	2.8 ft				
			NA	Continuous from 0 ft to end depth	OL-GP-20088	4.2 ft				
			NA	Continuous from 0 ft to end depth	OL-GP-20089	12.85 ft				
			NA	Continuous from 0 ft to end depth	OL-GP-20090	28.4 ft				
			NA	Continuous from 0 ft to end depth	OL-GP-20091	9.05 ft				
			NA	Continuous from 0 ft to end depth	OL-GP-20092	23.95 ft				
			NA	Continuous from 0 ft to end depth	OL-GP-20093	17.95 ft				
			NA	Continuous from 0 ft to end depth	OL-GP-20094	11.85 ft				
	Co-located Vibracores and Surface Water Sample		10	Probe continuous from 0 ft. to end depth/core 1 ft. intervals	OL-STA-20087	Probe 14.9 ft Core 10 ft	10	10	10	10
SMU 4	Temperature/ Conductivity Probes		NA	Continuous from 0 ft to end depth	OL-GP-40043	11.95 ft				
			NA	Continuous from 0 ft to end depth	OL-GP-40046	20.9 ft				
			NA	Continuous from 0 ft to end depth	OL-GP-40047	23.9 ft				
			NA	Continuous from 0 ft to end depth	OL-GP-40048	14.25 ft				
			NA	Continuous from 0 ft to end depth	OL-GP-40051	26.85 ft				
			NA	Continuous from 0 ft to end depth	OL-GP-40052	17.9 ft				
			NA	Continuous from 0 ft to end depth	OL-GP-40053	33.35 ft				
			NA	Continuous from 0 ft to end depth	OL-GP-40054	20.9 ft				
			NA	Continuous from 0 ft to end depth	OL-GP-40058	15.5 ft				
			NA	Continuous from 0 ft to end depth	OL-GP-40059	10.15 ft				
			NA	Continuous from 0 ft to end depth	OL-GP-40060	11.95 ft				
	Co-located Vibracores and Surface Water Sample		10	Probe continuous from 0 ft. to end depth/core 1 ft. intervals	OL-STA-40055	Probe 8.9 ft Core 10 ft	10	10	10	10
			10	Probe continuous from 0 ft. to end depth/core 1 ft. intervals	OL-STA-40056	Probe 9.3 ft Core 10 ft	10	10	10	10
			10	Probe continuous from 0 ft. to end depth/core 1 ft. intervals	OL-STA-40057	Probe 11.9 ft Core 9 ft	10	10	10	10

Description		Map Symbol	Number of Intervals	Sampling Intervals (ft)	Location	Total Depth (ft)	Porewater Analyses		Surface Water Analyses	
							Cations/Anions	Conductivity/ Salinity	Cations/Anions	Salinity
SMU 6	Temperature/ Conductivity Probes		NA	Continuous from 0 ft to end depth	OL-GP-60071	14.85 ft				
			NA	Continuous from 0 ft to end depth	OL-GP-60073	14.80 ft				
			NA	Continuous from 0 ft to end depth	OL-GP-60074	20.0 ft				
			NA	Continuous from 0 ft to end depth	OL-GP-60076	3.25 ft				
			NA	Continuous from 0 ft to end depth	OL-GP-60077	11.95 ft				
			NA	Continuous from 0 ft to end depth	OL-GP-60079	14.70 ft				
			NA	Continuous from 0 ft to end depth	OL-GP-60080	14.95 ft				
			NA	Continuous from 0 ft to end depth	OL-GP-60081A	8.85 ft				
			NA	Continuous from 0 ft to end depth	OL-GP-60082	11.90 ft				
			NA	Continuous from 0 ft to end depth	OL-GP-60083	4.05 ft				
			NA	Continuous from 0 ft to end depth	OL-GP-60084	16.80 ft				
			NA	Continuous from 0 ft to end depth	OL-GP-60085	20.85 ft				
			NA	Continuous from 0 ft to end depth	OL-GP-60087A	17.90 ft				
			NA	Continuous from 0 ft to end depth	OL-GP-60088	11.95 ft				
			NA	Continuous from 0 ft to end depth	OL-GP-60088A	23.85 ft				
			NA	Continuous from 0 ft to end depth	OL-GP-60089	17.95 ft				
			NA	Continuous from 0 ft to end depth	OL-GP-60091	17.95 ft				
			NA	Continuous from 0 ft to end depth	OL-GP-60092	16.0 ft				
			NA	Continuous from 0 ft to end depth	OL-GP-60093	17.90 ft				
			NA	Continuous from 0 ft to end depth	OL-GP-60094	11.95 ft				
			NA	Continuous from 0 ft to end depth	OL-GP-60095	4.60 ft				
			NA	Continuous from 0 ft to end depth	OL-GP-60095A	12.70 ft				
			NA	Continuous from 0 ft to end depth	OL-GP-60096A	12.70 ft				
			NA	Continuous from 0 ft to end depth	OL-GP-60096B	5.95 ft				
			NA	Continuous from 0 ft to end depth	OL-GP-60096C	11.90 ft				
			NA	Continuous from 0 ft to end depth	OL-GP-60097	20.90 ft				
	Co-located Vibracores and Surface Water Sample		10	Probe continuous from 0 ft. to end depth/core 1 ft. intervals	OL-STA-60072	Probe 10.70 ft core 8.5 ft	10	10	10	10
			10	Probe continuous from 0 ft. to end depth/core 1 ft. intervals	OL-STA-60078	Probe 11.95 ft Core 8.5 ft	10	10	10	10
			10	Probe continuous from 0 ft. to end depth/core 1 ft. intervals	OL-STA-60081	Probe 8.85 ft Core 9.5 ft	10	10	10	10
			10	Probe continuous from 0 ft. to end depth/core 1 ft. intervals	OL-STA-60087	Probe 9.85 ft Core 9.5 ft	10	10	10	10
			10	Probe continuous from 0 ft. to end depth/core 1 ft. intervals	OL-STA-60090	Probe 23.65 ft Core 8.5 ft	10	10	10	10
			10	Probe continuous from 0 ft. to end depth/core 1 ft. intervals	OL-STA-60096	Probe 4.60 ft Core 8.0 ft	10	10	10	10

Description		Map Symbol	Number of Intervals	Sampling Intervals (ft)	Location	Total Depth (ft)	Porewater Analyses		Surface Water Analyses	
							Cations/Anions	Conductivity/ Salinity	Cations/Anions	Salinity
SMU 7	Temperature/ Conductivity Probes		NA	Continuous from 0 ft to end depth	OL-GP-70035	6.10 ft				
			NA	Continuous from 0 ft to end depth	OL-GP-70036	16.45 ft				
			NA	Continuous from 0 ft to end depth	OL-GP-70037A	20.95 ft				
			NA	Continuous from 0 ft to end depth	OL-GP-70037B	20.80 ft				
			NA	Continuous from 0 ft to end depth	OL-GP-70041	21.10 ft				
			NA	Continuous from 0 ft to end depth	OL-GP-70044	8.95 ft				
			NA	Continuous from 0 ft to end depth	OL-GP-70044B	8.70 ft				
			NA	Continuous from 0 ft to end depth	OL-GP-70044C	8.75 ft				
			NA	Continuous from 0 ft to end depth	OL-GP-70045	1.65 ft				
			NA	Continuous from 0 ft to end depth	OL-GP-40046	8.95 ft				
			NA	Continuous from 0 ft to end depth	OL-GP-40047	14.95 ft				
	Co-located Vibracores and Surface Water Sample		10	Probe continuous from 0 ft. to end depth/core 1 ft. intervals	OL-STA-70040	Probe 11.85 ft Core 7.5 ft	10	10	10	10
			10	Probe continuous from 0 ft. to end depth/core 1 ft. intervals	OL-STA-70042	Probe 17.35 ft Core 9.0 ft	10	10	10	10
			10	Probe continuous from 0 ft. to end depth/core 1 ft. intervals	OL-STA-70043	Probe 17.85 ft Core 9.0 ft	10	10	10	10

Bulk Sample Locations and Analyses

Description	Map Symbol	Number of Locations	Location	Total Depth (ft)	Bench Scale Test: Sediments: Cap Bench Testing	Bench Scale Test: Sediments: Water Treatability/ EET	Bench Scale Test: Sediments: CST	Bench Scale Test: Sediments: Emissions & Odor	Bench Scale Test: Surface Water: Water Treatability/ EET	Bench Scale Test: Surface Water: CST
					Number of Samples					
SMU 1	✱	1	OL-STA-10114	6.5	3 Cores	37gal	10 gal	5 gal	990 gal	595 gal
	✱	1	OL-STA-10115	6.5	3 Cores	37gal	10 gal	5 gal		
	✱	1	OL-STA-10116	6.5	2 Cores	37gal	10 gal	5 gal		
	✱	1	OL-STA-10117	6.5	2 Cores	37gal	10 gal	5 gal		
	✱	1	OL-STA-10118	6.5	3 Cores	37gal	10 gal	5 gal		
	✱	1	OL-STA-10119	6.5	2 Cores	37gal	10 gal	5 gal		
	✱	1	OL-STA-10031	6.5			10 gal			
SMU 3	✱	1	OL-STA-30053	6.5			10 gal			
SMU 4	✱	1	OL-STA-40061	6.5		12 gal.	10 gal			
	✱	1	OL-STA-40062	6.5		12 gal.	10 gal			
	✱	1	OL-STA-40063	6.5		12 gal.	10 gal			
SMU 6	✱	1	OL-STA-60098	3.3	2 Cores[1]	12 gal.	10 gal.	5 gal.		
	✱	1	OL-STA-60099	3.3	2 Cores[1]	12 gal.	10 gal.	5 gal.		
	✱	1	OL-STA-60100	3.3	2 Cores[1]	12 gal.	10 gal.	5 gal.		
SMU 7	✱	1	OL-STA-70048	6.5	3 Cores	12 gal.	10 gal.	5 gal.		
	✱	1	OL-STA-70049	6.5	3 Cores	12 gal.	10 gal.	5 gal.		
	✱	1	OL-STA-70050	6.5	3 Cores	12 gal.	10 gal.	5 gal.		

Notes:
1. Cores collected for cap bench testing were cored to 6.5 ft

Table 2F
Wastebed 13 Geotechnical Samples Locations And Analyses

					Index Tests						Undisturbed			CPTu Tests
Description	Location	Map Symbol	Depth (ft)	Number of Locations	Moisture Content	Grain-size with Hydrometer	Atterberg Limits	Specific Gravity	Carbonate Content	Bulk Density	Undrained Unconsolidated Triaxial (UU)	Cconsolidated Undrained Triaxial (CIU)	Std Consolidation (Undisturbed)	Porewater Dissipation
					Number of Samples									
Wastebed 13 CPTu's	CPT-8 through CPT-87		Various	113										23
Wastebed 13 Borings	SB915-SB13-01		120	1	4	4	4	2	4		2	2	2	
	SB915-SB13-02		67	1	3	3	3	3	3	3				
	SB915-SB13-03		72	1	4	3	3	3	4		2	1	3	
	SB915-SB13-04A		92	1	6	3	3	3	6		2	3	3	
	SB915-SB13-05		92	1	4	2	2	2	4		1	2	2	
	SB915-SB13-06		120	1	4	2	2	2	4		1		2	
	SB915-SB13-07		45	1	2	2	2		2					
	SB915-SB13-08		76	1	3	3	3		3	3				
	SB915-SB13-09		65	1	4	3	3	3	4		2	2	2	
	SB915-SB13-10		60	1	3	3	3		3					
	SB915-SB13-11		82	1	3	3	3		3	3				
	SB915-SB13-12		62	1	5	3	3	3	5			2	3	
	SB915-SB13-13		76	1	2	2	2	2	2		2		2	

Table 2F
Wastebed 13 Geotechnical Samples Locations And Analyses

					Index Tests						Undisturbed			CPTu Tests
Description	Location	Map Symbol	Depth (ft)	Number of Locations	Moisture Content	Grain-size with Hydrometer	Atterberg Limits	Specific Gravity	Carbonate Content	Bulk Density	Undrained Unconsolidated Triaxial (UU)	Cconsolidated Undrained Triaxial (CIU)	Std Consolidation (Undisturbed)	Porewater Dissipation
Wastebed 13 Piezometers	SB915-PZ13-01		64	1	3	3	3	3	3	3				
	SB915-PZ13-02		50.5	1	2	2	2	2	2		1		2	
	SB915-PZ13-03		75	1	2	2	2	2	2		1		2	
	SB915-PZ13-04		115	1	4	3	3	3	4		1	2	2	
	SB915-PZ13-04A		53-55	1	1	1	1	1	1				1	
	SB915-PZ13-05		55	1	2	2	2	2	2		1			
	SB915-PZ13-06		65	1	3	3	3	3	3	3				
	SB915-PZ13-07		59	1										
	SB915-PZ13-08		62	1										
	SB915-PZ13-09		45.9	1										
	SB915-PZ13-10		32	1										
	SB915-PZ13-11		59	1										
	SB915-PZ13-12		52	1										
	SB915-PZ13-13		57	1										

Table 2F
Wastebed 13 Geotechnical Samples Locations And Analyses

					Index Tests						Undisturbed			CPTu Tests
Description	Location	Map Symbol	Depth (ft)	Number of Locations	Moisture Content	Grain-size with Hydrometer	Atterberg Limits	Specific Gravity	Carbonate Content	Bulk Density	Undrained Unconsolidated Triaxial (UU)	Cconsolidated Undrained Triaxial (CIU)	Std Consolidation (Undisturbed)	Porewater Dissipation
	SB915-PZ13-14		57	1	2	2	2	2	2			2		
	SB915-PZ13-15		61	1										
	SB915-PZ13-16		62	1										

Table 3A
Onondaga Lake Phase II Pre-Design Investigation
Summary of Sediment Analytical Results

		Location	OL-VC-10034		OL-VC-10034		OL-VC-10034		OL-VC-10034		OL-VC-10034		OL-VC-10034	
		Sample Depth	0.0-3.3 Ft		3.3-6.6 Ft		6.6-9.9 Ft		9.9-13.2 Ft		13.2-16.5 Ft		16.5-19.7 Ft	
		Field Sample ID	OL-0130-01		OL-0130-02		OL-0130-03		OL-0130-04		OL-0130-05		OL-0130-06	
		Matrix	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
		Sample Purpose	Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample	
		Sample Date	8/9/2006		8/9/2006		8/9/2006		8/9/2006		8/9/2006		8/9/2006	
		Sample Delivery Group	6H100247 C6H100247		6H100247 C6H100247		6H100247 C6H100247		6H100247 C6H100247		6H100247 C6H100247		6H100247 C6H100247	
Parameter Name	Units	Analytical Method												
SOLIDS, PERCENT	%	ASTM D2216	31.9		29.5		26.8		31.9		29.3		54.7	
SOLIDS, PERCENT	%	E160.3	29.6		27.3		25.4		31		27.8		54.6	
NITROGEN, AMMONIA (AS N)	mg/kg	E350.1	228	J	251	J	276	J	218	J	263	J	108	J
TOTAL ORGANIC CARBON	mg/kg	Lloyd Kahn	37600	J	21800	J	15000	J	24700	J	14500	J	31700	
MERCURY	mg/kg	SW7471	0.78	J	0.48	J	0.34	J	0.29	J	0.34	J	0.094	
AROCLOR-1016	ug/kg	SW8082	56	UJ	60	UJ	65	UJ	53	UJ	59	UJ	30	UJ
AROCLOR-1221	ug/kg	SW8082	56	UJ	60	UJ	65	UJ	53	UJ	59	UJ	30	UJ
AROCLOR-1232	ug/kg	SW8082	56	UJ	60	UJ	65	UJ	53	UJ	59	UJ	30	UJ
AROCLOR-1242	ug/kg	SW8082	56	UJ	60	UJ	65	UJ	53	UJ	59	UJ	30	UJ
AROCLOR-1248	ug/kg	SW8082	56	UJ	60	UJ	65	UJ	53	UJ	59	UJ	30	UJ
AROCLOR-1254	ug/kg	SW8082	56	UJ	60	UJ	65	UJ	53	UJ	59	UJ	30	UJ
AROCLOR-1260	ug/kg	SW8082	56	UJ	60	UJ	65	UJ	53	UJ	59	UJ	30	UJ
AROCLOR-1268	ug/kg	SW8082	56	UJ	60	UJ	65	UJ	53	UJ	59	UJ	30	UJ
PCBS, N.O.S.	ug/kg	SW8082	56	UJ	60	UJ	65	UJ	53	UJ	59	UJ	30	UJ
1,2,3-TRICHLOROBENZENE	ug/kg	SW8260	84	UJ	18	UJ	20	UJ	16	UJ	18	UJ	9.2	UJ
1,2,4-TRICHLOROBENZENE	ug/kg	SW8260	84	UJ	18	UJ	20	UJ	16	UJ	18	UJ	9.2	UJ
1,2-DICHLOROBENZENE	ug/kg	SW8260	84	UJ	18	UJ	20	UJ	16	UJ	18	UJ	9.2	UJ
1,3,5-TRICHLOROBENZENE	ug/kg	SW8260	84	UJ	18	UJ	20	UJ	16	UJ	18	UJ	9.2	UJ
1,3-DICHLOROBENZENE	ug/kg	SW8260	84	UJ	18	UJ	20	UJ	16	UJ	18	UJ	9.2	UJ
1,4-DICHLOROBENZENE	ug/kg	SW8260	84	UJ	18	UJ	20	UJ	16	UJ	18	UJ	9.2	UJ
BENZENE	ug/kg	SW8260	1000	J	25	J	11	J	16	UJ	18	UJ	9.2	UJ
CHLOROBENZENE	ug/kg	SW8260	230	J	18	UJ	20	UJ	16	UJ	18	UJ	9.2	UJ
ETHYLBENZENE	ug/kg	SW8260	90	J	18	UJ	20	UJ	16	UJ	18	UJ	9.2	UJ
NAPHTHALENE	ug/kg	SW8260	3200	J	43	J	23	J	16	UJ	18	UJ	9.2	UJ
TOLUENE	ug/kg	SW8260	560	J	9	J	4.3	J	16	UJ	18	UJ	9.2	UJ
XYLENES, TOTAL	ug/kg	SW8260	510	J	55	UJ	59	UJ	48	UJ	54	UJ	27	UJ
ACENAPHTHENE	ug/kg	SW8270	1900	J	16	J	7.9	J	20	J	24	UJ	2.9	J
ACENAPHTHYLENE	ug/kg	SW8270	6700	J	76	J	26	J	20	J	24	UJ	4.8	J
ANTHRACENE	ug/kg	SW8270	12000	J	56	J	20	J	56	J	8.3	J	12	J
BENZO(A)ANTHRACENE	ug/kg	SW8270	10000	J	45	J	42	J	74	J	22	J	35	J
BENZO(A)PYRENE	ug/kg	SW8270	9200	J	26	J	17	J	38	J	10	J	42	J
BENZO(B)FLUORANTHENE	ug/kg	SW8270	6800	J	22	J	13	J	41	J	8.4	J	41	J
BENZO(G,H,I)PERYLENE	ug/kg	SW8270	4800	J	13	J	7.7	J	19	J	6.8	J	31	J
BENZO(K)FLUORANTHENE	ug/kg	SW8270	1100	UJ	7.5	J	13	UJ	17	J	24	UJ	14	J
CHRYSENE	ug/kg	SW8270	8900	J	39	J	45	J	72	J	21	J	34	J
DIBENZO(A,H)ANTHRACENE	ug/kg	SW8270	910	J	2.7	J	13	UJ	8.8	J	24	UJ	7.6	J
FLUORANTHENE	ug/kg	SW8270	13000	J	46	J	29	J	110	J	17	J	36	J
FLUORENE	ug/kg	SW8270	6800	J	47	J	15	J	42	J	24	UJ	6.1	J
INDENO(1,2,3-CD)PYRENE	ug/kg	SW8270	2800	J	8.8	J	4.4	J	20	J	24	UJ	24	J
PHENANTHRENE	ug/kg	SW8270	41000	J	200	J	82	J	180	J	32	J	24	J
PHENOL	ug/kg	SW8270	1200	J	1000	J	750	J	1600	J	710	J	82	J
PYRENE	ug/kg	SW8270	33000	J	84	J	48	J	110	J	29	J	64	J
SULFIDE	mg/kg	SW9030	54	J	58.6	J	118	UJ	51.6	J	57.5	J	146	
pH	S.U.	SW9045	12		11.9		12.4		12.4		12.3		11.3	

Table 3A
Onondaga Lake Phase II Pre-Design Investigation
Summary of Sediment Analytical Results

		Location	OL-VC-10035		OL-VC-10035		OL-VC-10035		OL-VC-10035		OL-VC-10035		OL-VC-10035	
		Sample Depth	0.0-3.3 Ft		3.3-6.6 Ft		6.6-9.9 Ft		9.9-13.2 Ft		13.2-16.5 Ft		16.5-19.8 Ft	
		Field Sample ID	OL-0131-14		OL-0131-15		OL-0131-16		OL-0131-17		OL-0131-18		OL-0131-19	
		Matrix	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
		Sample Purpose	Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample	
		Sample Date	8/9/2006		8/9/2006		8/9/2006		8/9/2006		8/9/2006		8/9/2006	
		Sample Delivery Group	6H100234 C6H100234		6H100234 C6H100234		6H100234 C6H100234		6H100234 C6H100234		6H100234 C6H100234		6H100234 C6H100234	
Parameter Name	Units	Analytical Method												
SOLIDS, PERCENT	%	ASTM D2216	37.4		36.3		28.2		33.1		38.7		45.9	
SOLIDS, PERCENT	%	E160.3	37.4		32.8		29.2		30.5		37.5		38.1	
NITROGEN, AMMONIA (AS N)	mg/kg	E350.1	176	J	184	J	212	J	182	J	152	J	195	J
TOTAL ORGANIC CARBON	mg/kg	Lloyd Kahn	30800	J	26800	J	37900	J	30800	J	25100	J	31600	J
MERCURY	mg/kg	SW7471	2.5	J	0.99	J	0.98	J	1.2	J	1.3	J	0.46	J
AROCLOR-1016	ug/kg	SW8082	44	UJ	50	UJ	57	UJ	54	UJ	44	UJ	43	UJ
AROCLOR-1221	ug/kg	SW8082	44	UJ	50	UJ	57	UJ	54	UJ	44	UJ	43	UJ
AROCLOR-1232	ug/kg	SW8082	44	UJ	50	UJ	57	UJ	54	UJ	44	UJ	43	UJ
AROCLOR-1242	ug/kg	SW8082	44	UJ	50	UJ	57	UJ	54	UJ	44	UJ	43	UJ
AROCLOR-1248	ug/kg	SW8082	44	UJ	50	UJ	57	UJ	54	UJ	44	UJ	43	UJ
AROCLOR-1254	ug/kg	SW8082	44	UJ	50	UJ	57	UJ	54	UJ	44	UJ	43	UJ
AROCLOR-1260	ug/kg	SW8082	44	UJ	50	UJ	57	UJ	54	UJ	44	UJ	43	UJ
AROCLOR-1268	ug/kg	SW8082	44	UJ	50	UJ	57	UJ	54	UJ	44	UJ	43	UJ
PCBS, N.O.S.	ug/kg	SW8082	44	UJ	50	UJ	57	UJ	54	UJ	44	UJ	43	UJ
1,2,3-TRICHLOROBENZENE	ug/kg	SW8260	670	UJ	760	UJ	860	UJ	820	UJ	670	UJ	660	UJ
1,2,4-TRICHLOROBENZENE	ug/kg	SW8260	670	UJ	760	UJ	860	UJ	820	UJ	670	UJ	660	UJ
1,2-DICHLOROBENZENE	ug/kg	SW8260	670	UJ	760	UJ	860	UJ	820	UJ	670	UJ	660	UJ
1,3,5-TRICHLOROBENZENE	ug/kg	SW8260	670	UJ	760	UJ	860	UJ	820	UJ	670	UJ	660	UJ
1,3-DICHLOROBENZENE	ug/kg	SW8260	670	UJ	760	UJ	860	UJ	820	UJ	670	UJ	660	UJ
1,4-DICHLOROBENZENE	ug/kg	SW8260	670	UJ	760	UJ	860	UJ	820	UJ	670	UJ	660	UJ
BENZENE	ug/kg	SW8260	670	UJ	760	UJ	860	UJ	820	UJ	670	UJ	660	UJ
CHLOROBENZENE	ug/kg	SW8260	670	UJ	760	UJ	860	UJ	820	UJ	670	UJ	660	UJ
ETHYLBENZENE	ug/kg	SW8260	170	J	760	UJ	390	J	120	J	150	J	660	UJ
NAPHTHALENE	ug/kg	SW8260	26000	J	5600	J	18000	J	6800	J	10000	J	1500	J
TOLUENE	ug/kg	SW8260	190	J	760	UJ	300	J	820	UJ	130	J	660	UJ
XYLENES, TOTAL	ug/kg	SW8260	980	J	400	J	1900	J	640	J	850	J	2000	UJ
ACENAPHTHENE	ug/kg	SW8270	2800	J	1100	J	1500	J	760	J	1800	J	210	J
ACENAPHTHYLENE	ug/kg	SW8270	1900	J	3600	J	4800	J	2300	J	6600	J	860	J
ANTHRACENE	ug/kg	SW8270	3600	J	5900	J	8500	J	3800	J	9400	J	1100	J
BENZO(A)ANTHRACENE	ug/kg	SW8270	2700	J	4600	J	7000	J	3400	J	8400	J	1000	J
BENZO(A)PYRENE	ug/kg	SW8270	1900	J	4000	J	5800	J	2700	J	6500	J	840	J
BENZO(B)FLUORANTHENE	ug/kg	SW8270	2100	J	3400	J	5000	J	2000	J	4500	J	620	J
BENZO(G,H,I)PERYLENE	ug/kg	SW8270	1300	J	2500	J	2700	J	1400	J	3900	J	570	J
BENZO(K)FLUORANTHENE	ug/kg	SW8270	860	J	250	UJ	1100	UJ	110	UJ	440	UJ	88	UJ
CHRYSENE	ug/kg	SW8270	2800	J	4500	J	6100	J	2900	J	7000	J	880	J
DIBENZO(A,H)ANTHRACENE	ug/kg	SW8270	420	J	600	J	640	J	290	J	840	J	110	J
FLUORANTHENE	ug/kg	SW8270	6300	J	6300	J	9000	J	3600	J	9100	J	1100	J
FLUORENE	ug/kg	SW8270	4900	J	4000	J	4700	J	2300	J	5800	J	790	J
INDENO(1,2,3-CD)PYRENE	ug/kg	SW8270	1100	J	1600	J	1800	J	850	J	2200	J	310	J
PHENANTHRENE	ug/kg	SW8270	12000	J	18000	J	25000	J	11000	J	30000	J	3400	J
PHENOL	ug/kg	SW8270	4500	J	2800	J	3700	J	4000	J	3000	J	3400	J
PYRENE	ug/kg	SW8270	5000	J	10000	J	19000	J	8700	J	20000	J	3000	J
SULFIDE	mg/kg	SW9030	749	J	146	J	110	J	183	J	171	J	546	J
pH	S.U.	SW9045	11.8		12		11.1		12.2		12		11.4	

Table 3A
Onondaga Lake Phase II Pre-Design Investigation
Summary of Sediment Analytical Results

		Location	OL-VC-10036		OL-VC-10036		OL-VC-10036		OL-VC-10036		OL-VC-10036		OL-VC-10036	
		Sample Depth	0.0-3.3 Ft		3.3-6.6 Ft		6.6-9.9 Ft		9.9-13.2 Ft		13.2-16.5 Ft		16.5-19.8 Ft	
		Field Sample ID	OL-0132-08		OL-0132-09		OL-0132-10		OL-0132-11		OL-0132-12		OL-0132-13	
		Matrix	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
		Sample Purpose	Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample	
		Sample Date	8/10/2006		8/10/2006		8/10/2006		8/10/2006		8/10/2006		8/10/2006	
		Sample Delivery Group	6H110151 C6H110151		6H110151 C6H110151		6H110151 C6H110151		6H110151 C6H110151		6H110151 C6H110151		6H110151 C6H110151	
Parameter Name	Units	Analytical Method												
SOLIDS, PERCENT	%	ASTM D2216	31.8		26.8		28.5		36.6		31.2		49.6	
SOLIDS, PERCENT	%	E160.3	32.5		32.8		33.6		30.7		31.3		39.6	
NITROGEN, AMMONIA (AS N)	mg/kg	E350.1	209	J	186	J	201	J	191	J	179	J	156	J
TOTAL ORGANIC CARBON	mg/kg	Lloyd Kahn	75300	J	32200	J	45100	J	56000	J	41100	J	39900	J
MERCURY	mg/kg	SW7471	1.5	J	1.3	J	0.72	J	0.83	J	0.92	J	0.71	J
AROCLOR-1016	ug/kg	SW8082	51	UJ	50	UJ	49	UJ	54	UJ	53	UJ	42	UJ
AROCLOR-1221	ug/kg	SW8082	51	UJ	50	UJ	49	UJ	54	UJ	53	UJ	42	UJ
AROCLOR-1232	ug/kg	SW8082	51	UJ	50	UJ	49	UJ	54	UJ	53	UJ	42	UJ
AROCLOR-1242	ug/kg	SW8082	51	UJ	50	UJ	49	UJ	54	UJ	53	UJ	42	UJ
AROCLOR-1248	ug/kg	SW8082	51	UJ	50	UJ	49	UJ	54	UJ	53	UJ	42	UJ
AROCLOR-1254	ug/kg	SW8082	51	UJ	50	UJ	49	UJ	54	UJ	53	UJ	42	UJ
AROCLOR-1260	ug/kg	SW8082	51	UJ	50	UJ	49	UJ	54	UJ	53	UJ	42	UJ
AROCLOR-1268	ug/kg	SW8082	51	UJ	50	UJ	49	UJ	54	UJ	53	UJ	42	UJ
PCBS, N.O.S.	ug/kg	SW8082	51	UJ	50	UJ	49	UJ	54	UJ	53	UJ	42	UJ
1,2,3-TRICHLOROBENZENE	ug/kg	SW8260	1500	UJ	760	UJ	740	UJ	16	UJ	800	UJ	630	UJ
1,2,4-TRICHLOROBENZENE	ug/kg	SW8260	1500	UJ	760	UJ	740	UJ	16	UJ	800	UJ	630	UJ
1,2-DICHLOROBENZENE	ug/kg	SW8260	1500	UJ	760	UJ	740	UJ	16	UJ	800	UJ	630	UJ
1,3,5-TRICHLOROBENZENE	ug/kg	SW8260	1500	UJ	760	UJ	740	UJ	16	UJ	800	UJ	630	UJ
1,3-DICHLOROBENZENE	ug/kg	SW8260	1500	UJ	760	UJ	740	UJ	16	UJ	800	UJ	630	UJ
1,4-DICHLOROBENZENE	ug/kg	SW8260	1500	UJ	760	UJ	740	UJ	16	UJ	800	UJ	630	UJ
BENZENE	ug/kg	SW8260	380	J	760	UJ	740	UJ	16	UJ	800	UJ	630	UJ
CHLOROBENZENE	ug/kg	SW8260	1500	UJ	760	UJ	740	UJ	16	UJ	800	UJ	630	UJ
ETHYLBENZENE	ug/kg	SW8260	1500	UJ	760	UJ	110	J	470	J	100	J	630	UJ
NAPHTHALENE	ug/kg	SW8260	36000	J	18000	J	11000	J	14000	J	5100	J	1700	J
TOLUENE	ug/kg	SW8260	290	J	760	UJ	740	UJ	390	J	340	J	630	UJ
XYLENES, TOTAL	ug/kg	SW8260	1800	J	690	J	760	J	2500	J	1900	J	380	J
ACENAPHTHENE	ug/kg	SW8270	3100	J	4500	J	920	J	1400	J	740	J	750	J
ACENAPHTHYLENE	ug/kg	SW8270	1100	J	1500	J	4300	J	4600	J	2300	J	2600	J
ANTHRACENE	ug/kg	SW8270	3200	J	5100	J	8300	J	7200	J	4800	J	4400	J
BENZO(A)ANTHRACENE	ug/kg	SW8270	2000	J	3400	J	8400	J	5500	J	4100	J	4000	J
BENZO(A)PYRENE	ug/kg	SW8270	1200	J	1600	J	5500	J	4400	J	3500	J	3800	J
BENZO(B)FLUORANTHENE	ug/kg	SW8270	1700	J	2100	J	6300	J	2800	J	2600	J	2300	J
BENZO(G,H,I)PERYLENE	ug/kg	SW8270	680	J	840	J	2900	J	2200	J	1500	J	1900	J
BENZO(K)FLUORANTHENE	ug/kg	SW8270	640	J	930	J	2300	J	960	J	530	UJ	800	J
CHRYSENE	ug/kg	SW8270	1900	J	2800	J	8500	J	4700	J	3500	J	3600	J
DIBENZO(A,H)ANTHRACENE	ug/kg	SW8270	230	J	150	J	1000	J	470	J	300	J	420	J
FLUORANTHENE	ug/kg	SW8270	5200	J	7300	J	12000	J	6600	J	4700	J	4300	J
FLUORENE	ug/kg	SW8270	3900	J	7000	J	5500	J	4000	J	2300	J	2500	J
INDENO(1,2,3-CD)PYRENE	ug/kg	SW8270	650	J	770	J	2400	J	1300	J	880	J	1200	J
PHENANTHRENE	ug/kg	SW8270	13000	J	20000	J	24000	J	22000	J	15000	J	14000	J
PHENOL	ug/kg	SW8270	2800	J	1500	J	3700	J	2300	J	2800	J	2200	J
PYRENE	ug/kg	SW8270	4300	J	7200	J	17000	J	14000	J	13000	J	13000	J
SULFIDE	mg/kg	SW9030	222	J	341	J	167	J	52.2	J	51.1	J	343	J
pH	S.U.	SW9045	11.5		11.5		11.8		11.8		11.8		11.4	

Table 3A
Onondaga Lake Phase II Pre-Design Investigation
Summary of Sediment Analytical Results

		Location	OL-VC-10036A		OL-VC-10036A		OL-VC-10036A		OL-VC-10036A		OL-VC-10036A		OL-VC-10036A	
		Sample Depth	0.0-3.3 Ft		3.3-6.6 Ft		6.6-9.9 Ft		9.9-13.2 Ft		13.2-16.5 Ft		16.5-19.8 Ft	
		Field Sample ID	OL-0132-14		OL-0132-15		OL-0132-16		OL-0132-17		OL-0132-18		OL-0132-19	
		Matrix	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
		Sample Purpose	Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample	
		Sample Date	8/10/2006		8/10/2006		8/10/2006		8/10/2006		8/10/2006		8/10/2006	
		Sample Delivery Group	6H110151 C6H110151		6H110151 C6H110151		6H110151 C6H110151		6H110151 C6H110151		6H110151 C6H110151		6H110151 C6H110151	
Parameter Name	Units	Analytical Method												
SOLIDS, PERCENT	%	ASTM D2216	34		32.7		33		30.8		32.3		38.2	
SOLIDS, PERCENT	%	E160.3	30.9		33		26.6		27.3		32.5		37.4	
NITROGEN, AMMONIA (AS N)	mg/kg	E350.1	210	J	167	J	224	J	232	J	191	J	178	J
TOTAL ORGANIC CARBON	mg/kg	Lloyd Kahn	35600	J	55700	J	40000	J	57200	J	39000	J	38300	J
MERCURY	mg/kg	SW7471	1.3	J	1.5	J	1	J	0.72	J	0.92	J	1.1	J
AROCLOR-1016	ug/kg	SW8082	53	UJ	50	UJ	62	UJ	61	UJ	51	UJ	44	UJ
AROCLOR-1221	ug/kg	SW8082	53	UJ	50	UJ	62	UJ	61	UJ	51	UJ	44	UJ
AROCLOR-1232	ug/kg	SW8082	53	UJ	50	UJ	62	UJ	61	UJ	51	UJ	44	UJ
AROCLOR-1242	ug/kg	SW8082	53	UJ	50	UJ	62	UJ	61	UJ	51	UJ	44	UJ
AROCLOR-1248	ug/kg	SW8082	53	UJ	50	UJ	62	UJ	61	UJ	51	UJ	44	UJ
AROCLOR-1254	ug/kg	SW8082	53	UJ	50	UJ	62	UJ	61	UJ	51	UJ	44	UJ
AROCLOR-1260	ug/kg	SW8082	53	UJ	50	UJ	62	UJ	61	UJ	51	UJ	44	UJ
AROCLOR-1268	ug/kg	SW8082	53	UJ	50	UJ	62	UJ	61	UJ	51	UJ	44	UJ
PCBS, N.O.S.	ug/kg	SW8082	53	UJ	50	UJ	62	UJ	61	UJ	51	UJ	44	UJ
1,2,3-TRICHLOROBENZENE	ug/kg	SW8260	810	UJ	760	UJ	940	UJ	920	UJ	770	UJ	670	UJ
1,2,4-TRICHLOROBENZENE	ug/kg	SW8260	810	UJ	760	UJ	940	UJ	920	UJ	770	UJ	670	UJ
1,2-DICHLOROBENZENE	ug/kg	SW8260	810	UJ	760	UJ	940	UJ	920	UJ	770	UJ	670	UJ
1,3,5-TRICHLOROBENZENE	ug/kg	SW8260	810	UJ	760	UJ	940	UJ	920	UJ	770	UJ	670	UJ
1,3-DICHLOROBENZENE	ug/kg	SW8260	810	UJ	760	UJ	940	UJ	920	UJ	770	UJ	670	UJ
1,4-DICHLOROBENZENE	ug/kg	SW8260	810	UJ	760	UJ	940	UJ	920	UJ	770	UJ	670	UJ
BENZENE	ug/kg	SW8260	190	J	760	UJ	940	UJ	920	UJ	770	UJ	670	UJ
CHLOROBENZENE	ug/kg	SW8260	170	J	760	UJ	940	UJ	920	UJ	770	UJ	670	UJ
ETHYLBENZENE	ug/kg	SW8260	810	UJ	760	UJ	190	J	240	J	770	UJ	83	J
NAPHTHALENE	ug/kg	SW8260	5400	J	6300	J	17000	J	12000	J	4700	J	5800	J
TOLUENE	ug/kg	SW8260	810	UJ	760	UJ	190	J	190	J	770	UJ	670	UJ
XYLENES, TOTAL	ug/kg	SW8260	460	J	390	J	1200	J	1300	J	440	J	540	J
ACENAPHTHENE	ug/kg	SW8270	5300	J	4500	J	2400	J	2000	J	940	J	1200	J
ACENAPHTHYLENE	ug/kg	SW8270	1600	J	1200	J	9600	J	7100	J	2800	J	3900	J
ANTHRACENE	ug/kg	SW8270	5700	J	5700	J	18000	J	9900	J	5400	J	6700	J
BENZO(A)ANTHRACENE	ug/kg	SW8270	6100	J	2900	J	20000	J	8500	J	4800	J	5600	J
BENZO(A)PYRENE	ug/kg	SW8270	3600	J	1800	J	12000	J	6700	J	3900	J	5300	J
BENZO(B)FLUORANTHENE	ug/kg	SW8270	4700	J	2100	J	18000	J	4300	J	3100	J	4000	J
BENZO(G,H,I)PERYLENE	ug/kg	SW8270	2400	J	880	J	6600	J	3200	J	1800	J	2700	J
BENZO(K)FLUORANTHENE	ug/kg	SW8270	2100	J	680	J	6000	J	1800	J	1000	UJ	890	UJ
CHRYSENE	ug/kg	SW8270	6100	J	2500	J	22000	J	6900	J	4100	J	4900	J
DIBENZO(A,H)ANTHRACENE	ug/kg	SW8270	1100	J	330	J	2700	J	720	J	410	J	570	J
FLUORANTHENE	ug/kg	SW8270	11000	J	7200	J	30000	J	8900	J	5600	J	6400	J
FLUORENE	ug/kg	SW8270	6600	J	6400	J	14000	J	6000	J	2800	J	4000	J
INDENO(1,2,3-CD)PYRENE	ug/kg	SW8270	3000	J	830	J	5800	J	2000	J	1100	J	1600	J
PHENANTHRENE	ug/kg	SW8270	22000	J	19000	J	57000	J	31000	J	17000	J	22000	J
PHENOL	ug/kg	SW8270	3800	J	1600	J	3000	J	2100	J	2600	J	1600	J
PYRENE	ug/kg	SW8270	10000	J	6000	J	35000	J	24000	J	14000	J	18000	J
SULFIDE	mg/kg	SW9030	104	J	267	J	181	J	88	J	98.6	J	278	J
pH	S.U.	SW9045	11.7		11.6		11.7		11.6		11.5		11.2	

Table 3A
Onondaga Lake Phase II Pre-Design Investigation
Summary of Sediment Analytical Results

		Location	OL-VC-10037		OL-VC-10037		OL-VC-10037		OL-VC-10037		OL-VC-10037		OL-VC-10037	
		Sample Depth	0.0-3.3 Ft		3.3-6.6 Ft		6.6-9.9 Ft		6.6-9.9 Ft		9.9-13.2 Ft		13.2-16.5 Ft	
		Field Sample ID	OL-0132-01		OL-0132-02		OL-0132-03		OL-0132-04		OL-0132-05		OL-0132-06	
		Matrix	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
		Sample Purpose	Regular Sample		Regular Sample		Regular Sample		Field Duplicate		Regular Sample		Regular Sample	
		Sample Date	8/10/2006		8/10/2006		8/10/2006		8/10/2006		8/10/2006		8/10/2006	
		Sample Delivery Group	6H110151 C6H110151		6H110151 C6H110151		6H110151 C6H110151		6H110151 C6H110151		6H110151 C6H110151		6H110151 C6H110151	
Parameter Name	Units	Analytical Method												
SOLIDS, PERCENT	%	ASTM D2216	40.7		32.4		33.6		33.4		26.9		32	
SOLIDS, PERCENT	%	E160.3	42.1		37.9		32.1		32.1		30.7		33	
NITROGEN, AMMONIA (AS N)	mg/kg	E350.1	386	J	303	J	341	J	391	J	326	J	251	J
TOTAL ORGANIC CARBON	mg/kg	Lloyd Kahn	40400	J	18400	J	32900	J	32100	J	60500	J	50800	J
MERCURY	mg/kg	SW7471	1.8	J	2.6	J	0.96	J	0.96	J	1.6	J	0.97	J
AROCLOR-1016	ug/kg	SW8082	39	UJ	44	UJ	51	UJ	51	UJ	54	UJ	50	UJ
AROCLOR-1221	ug/kg	SW8082	39	UJ	44	UJ	51	UJ	51	UJ	54	UJ	50	UJ
AROCLOR-1232	ug/kg	SW8082	39	UJ	44	UJ	51	UJ	51	UJ	54	UJ	50	UJ
AROCLOR-1242	ug/kg	SW8082	39	UJ	44	UJ	51	UJ	51	UJ	54	UJ	50	UJ
AROCLOR-1248	ug/kg	SW8082	39	UJ	44	UJ	51	UJ	51	UJ	54	UJ	50	UJ
AROCLOR-1254	ug/kg	SW8082	39	UJ	44	UJ	51	UJ	51	UJ	54	UJ	50	UJ
AROCLOR-1260	ug/kg	SW8082	39	UJ	44	UJ	51	UJ	51	UJ	54	UJ	50	UJ
AROCLOR-1268	ug/kg	SW8082	39	UJ	44	UJ	51	UJ	51	UJ	54	UJ	50	UJ
PCBS, N.O.S.	ug/kg	SW8082	39	UJ	44	UJ	51	UJ	51	UJ	54	UJ	50	UJ
1,2,3-TRICHLOROBENZENE	ug/kg	SW8260	15000	UJ	6600	UJ	3900	UJ	3900	UJ	1600	UJ	760	UJ
1,2,4-TRICHLOROBENZENE	ug/kg	SW8260	15000	UJ	6600	UJ	3900	UJ	3900	UJ	1600	UJ	760	UJ
1,2-DICHLOROBENZENE	ug/kg	SW8260	4600	J	6600	UJ	3900	UJ	3900	UJ	1600	UJ	760	UJ
1,3,5-TRICHLOROBENZENE	ug/kg	SW8260	15000	UJ	6600	UJ	3900	UJ	3900	UJ	1600	UJ	760	UJ
1,3-DICHLOROBENZENE	ug/kg	SW8260	15000	UJ	6600	UJ	3900	UJ	3900	UJ	1600	UJ	760	UJ
1,4-DICHLOROBENZENE	ug/kg	SW8260	5200	J	6600	UJ	3900	UJ	3900	UJ	1600	UJ	760	UJ
BENZENE	ug/kg	SW8260	2700	J	2100	J	3900	UJ	490	J	1600	UJ	760	UJ
CHLOROBENZENE	ug/kg	SW8260	2900	J	6600	UJ	3900	UJ	3900	UJ	1600	UJ	760	UJ
ETHYLBENZENE	ug/kg	SW8260	6000	J	6600	UJ	3900	UJ	3900	UJ	1600	UJ	760	UJ
NAPHTHALENE	ug/kg	SW8260	260000	J	160000	J	85000	J	100000	J	47000	J	12000	J
TOLUENE	ug/kg	SW8260	12000	J	6900	J	520	J	700	J	220	J	760	UJ
XYLENES, TOTAL	ug/kg	SW8260	61000	J	27000	J	2700	J	3500	J	1500	J	550	J
ACENAPHTHENE	ug/kg	SW8270	3300	J	15000	J	8000	J	6100	J	5700	J	890	J
ACENAPHTHYLENE	ug/kg	SW8270	2600	J	5600	J	1500	J	1200	J	1800	J	1500	J
ANTHRACENE	ug/kg	SW8270	8000	J	21000	J	4700	J	4200	J	6400	J	2800	J
BENZO(A)ANTHRACENE	ug/kg	SW8270	5900	J	11000	J	2800	J	2600	J	3500	J	3000	J
BENZO(A)PYRENE	ug/kg	SW8270	2500	J	6200	J	1600	J	1600	J	2100	J	2400	J
BENZO(B)FLUORANTHENE	ug/kg	SW8270	3700	J	8900	J	2200	J	1900	J	2800	J	2100	J
BENZO(G,H,I)PERYLENE	ug/kg	SW8270	1300	J	3200	J	690	J	920	J	1100	J	1200	J
BENZO(K)FLUORANTHENE	ug/kg	SW8270	1400	J	3100	J	760	J	900	J	900	J	400	UJ
CHRYSENE	ug/kg	SW8270	5800	J	10000	J	2400	J	2200	J	3400	J	2500	J
DIBENZO(A,H)ANTHRACENE	ug/kg	SW8270	670	J	1300	J	240	J	350	J	410	J	280	J
FLUORANTHENE	ug/kg	SW8270	10000	J	34000	J	8500	J	6000	J	8100	J	3200	J
FLUORENE	ug/kg	SW8270	7900	J	22000	J	7500	J	6400	J	7100	J	1900	J
INDENO(1,2,3-CD)PYRENE	ug/kg	SW8270	1400	J	3200	J	650	J	880	J	1100	J	790	J
PHENANTHRENE	ug/kg	SW8270	32000	J	74000	J	20000	J	17000	J	23000	J	8700	J
PHENOL	ug/kg	SW8270	6300	J	9900	J	3400	J	6100	J	2400	J	2900	J
PYRENE	ug/kg	SW8270	9800	J	28000	J	6400	J	5300	J	8200	J	8200	J
SULFIDE	mg/kg	SW9030	3520	J	507	J	99.8	J	125	J	417	J	364	J
pH	S.U.	SW9045	9.9		10.6		10.4		11		11.3		11.3	

Table 3A
Onondaga Lake Phase II Pre-Design Investigation
Summary of Sediment Analytical Results

		Location	OL-VC-10037		OL-VC-10038		OL-VC-10038		OL-VC-10038		OL-VC-10038		OL-VC-10038	
		Sample Depth	16.5-19.8 Ft		0.0-3.3 Ft		3.3-6.6 Ft		6.6-9.9 Ft		9.9-13.2 Ft		13.2-16.5 Ft	
		Field Sample ID	OL-0132-07		OL-0130-07		OL-0130-08		OL-0130-09		OL-0130-10		OL-0130-11	
		Matrix	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
		Sample Purpose	Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample	
		Sample Date	8/10/2006		8/9/2006		8/9/2006		8/9/2006		8/9/2006		8/9/2006	
		Sample Delivery Group	6H110151 C6H110151		6H100247 C6H100247		6H100247 C6H100247		6H100247 C6H100247		6H100247 C6H100247		6H100247 C6H100247	
Parameter Name	Units	Analytical Method												
SOLIDS, PERCENT	%	ASTM D2216	54.2		32.6		29.5		40.2		27.5		35.5	
SOLIDS, PERCENT	%	E160.3	52		32.9		27.7		40.3		29		34.3	
NITROGEN, AMMONIA (AS N)	mg/kg	E350.1	221	J	112	J	202	J	129	J	247	J	132	J
TOTAL ORGANIC CARBON	mg/kg	Lloyd Kahn	41300	J	34000	J	40800	J	58700	J	27700	J	43400	J
MERCURY	mg/kg	SW7471	0.55	J	3.1	J	3.1	J	1.8	J	1.9	J	3.2	J
AROCLOR-1016	ug/kg	SW8082	32	U	50	UJ	60	UJ	41	UJ	57	UJ	48	UJ
AROCLOR-1221	ug/kg	SW8082	32	U	50	UJ	60	UJ	41	UJ	57	UJ	48	UJ
AROCLOR-1232	ug/kg	SW8082	32	U	50	UJ	60	UJ	41	UJ	57	UJ	48	UJ
AROCLOR-1242	ug/kg	SW8082	32	U	50	UJ	60	UJ	41	UJ	57	UJ	48	UJ
AROCLOR-1248	ug/kg	SW8082	32	U	50	UJ	60	UJ	41	UJ	57	UJ	48	UJ
AROCLOR-1254	ug/kg	SW8082	32	U	50	UJ	60	UJ	41	UJ	57	UJ	48	UJ
AROCLOR-1260	ug/kg	SW8082	32	U	50	UJ	60	UJ	41	UJ	57	UJ	48	UJ
AROCLOR-1268	ug/kg	SW8082	32	U	50	UJ	60	UJ	41	UJ	57	UJ	48	UJ
PCBS, N.O.S.	ug/kg	SW8082	32	U	50	UJ	60	UJ	41	UJ	57	UJ	48	UJ
1,2,3-TRICHLOROBENZENE	ug/kg	SW8260	480	UJ	3800	UJ	9000	UJ	9300	UJ	4300	UJ	3600	UJ
1,2,4-TRICHLOROBENZENE	ug/kg	SW8260	480	U	3800	UJ	9000	UJ	3500	J	4300	UJ	3600	UJ
1,2-DICHLOROBENZENE	ug/kg	SW8260	480	U	3800	UJ	9000	UJ	9300	UJ	4300	UJ	3600	UJ
1,3,5-TRICHLOROBENZENE	ug/kg	SW8260	480	U	3800	UJ	9000	UJ	9300	UJ	4300	UJ	3600	UJ
1,3-DICHLOROBENZENE	ug/kg	SW8260	480	U	3800	UJ	9000	UJ	9300	UJ	4300	UJ	3600	UJ
1,4-DICHLOROBENZENE	ug/kg	SW8260	480	U	3800	UJ	9000	UJ	9300	UJ	4300	UJ	3600	UJ
BENZENE	ug/kg	SW8260	480	U	460	J	9000	UJ	9300	UJ	4300	UJ	3600	UJ
CHLOROBENZENE	ug/kg	SW8260	480	U	500	J	9000	UJ	9300	UJ	4300	UJ	3600	UJ
ETHYLBENZENE	ug/kg	SW8260	480	U	3800	UJ	9000	UJ	9300	UJ	4300	UJ	3600	UJ
NAPHTHALENE	ug/kg	SW8260	1100	J	58000	J	160000	J	160000	J	85000	J	79000	J
TOLUENE	ug/kg	SW8260	480	U	840	J	1400	J	1300	J	1000	J	1200	J
XYLENES, TOTAL	ug/kg	SW8260	1400	U	5800	J	9500	J	7500	J	3700	J	4200	J
ACENAPHTHENE	ug/kg	SW8270	210	J	11000	J	33000	J	23000	J	3500	J	24000	J
ACENAPHTHYLENE	ug/kg	SW8270	450		10000	J	25000	J	18000	J	5600	J	12000	J
ANTHRACENE	ug/kg	SW8270	1100		14000	J	57000	J	31000	J	4700	J	21000	J
BENZO(A)ANTHRACENE	ug/kg	SW8270	1200		9100	J	46000	J	19000	J	2700	J	11000	J
BENZO(A)PYRENE	ug/kg	SW8270	1100		5800	J	31000	J	13000	J	1400	J	7000	J
BENZO(B)FLUORANTHENE	ug/kg	SW8270	720		7600	J	41000	J	17000	J	1900	J	8400	J
BENZO(G,H,I)PERYLENE	ug/kg	SW8270	490		3300	J	19000	J	8000	J	850	J	3900	J
BENZO(K)FLUORANTHENE	ug/kg	SW8270	210	J	3300	J	15000	J	6600	J	740	J	3200	J
CHRYSENE	ug/kg	SW8270	1000		9100	J	43000	J	18000	J	2500	J	9700	J
DIBENZO(A,H)ANTHRACENE	ug/kg	SW8270	100	J	1300	J	7300	J	2600	J	290	J	1200	J
FLUORANTHENE	ug/kg	SW8270	1200		21000	J	93000	J	51000	J	6800	J	30000	J
FLUORENE	ug/kg	SW8270	560		21000	J	66000	J	38000	J	7300	J	37000	J
INDENO(1,2,3-CD)PYRENE	ug/kg	SW8270	290		3200	J	18000	J	7700	J	810	J	3600	J
PHENANTHRENE	ug/kg	SW8270	3400		52000	J	190000	J	120000	J	21000	J	85000	J
PHENOL	ug/kg	SW8270	310		1800	J	3400	J	2700	J	4200	J	2000	J
PYRENE	ug/kg	SW8270	3400		18000	J	77000	J	44000	J	5800	J	29000	J
SULFIDE	mg/kg	SW9030	385		91.2	UJ	108	UJ	59.6	J	55.1	J	93.2	J
pH	S.U.	SW9045	11.3		11.7		11.6		11.6		11.7		11.7	

Table 3A
Onondaga Lake Phase II Pre-Design Investigation
Summary of Sediment Analytical Results

		Location	OL-VC-10038		OL-VC-10039		OL-VC-10039		OL-VC-10039		OL-VC-10039		OL-VC-10039	
		Sample Depth	16.5-18.9 Ft		0.0-3.3 Ft		3.3-6.6 Ft		6.6-9.9 Ft		9.9-13.2 Ft		13.2-16.5 Ft	
		Field Sample ID	OL-0130-12		OL-0130-13		OL-0130-14		OL-0130-15		OL-0130-16		OL-0130-17	
		Matrix	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
		Sample Purpose	Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample	
		Sample Date	8/9/2006		8/9/2006		8/9/2006		8/9/2006		8/9/2006		8/9/2006	
		Sample Delivery Group	6H100247 C6H100247		6H100247 C6H100247		6H100247 C6H100247		6H100247 C6H100247		6H100247 C6H100247		6H100247 C6H100247	
Parameter Name	Units	Analytical Method												
SOLIDS, PERCENT	%	ASTM D2216	35.2		41.2		39.1		35		52.2		34.4	
SOLIDS, PERCENT	%	E160.3	32.4		39.5		37		35.4		48.4		33	
NITROGEN, AMMONIA (AS N)	mg/kg	E350.1	145	J	111	J	227	J	231	J	176	J	198	J
TOTAL ORGANIC CARBON	mg/kg	Lloyd Kahn	27200	J	42600	J	59100	J	58600	J	67300		42700	J
MERCURY	mg/kg	SW7471	6	J	2	J	1.4	J	1.3	J	2.7	J	1.8	J
AROCLOR-1016	ug/kg	SW8082	51	UJ	42	UJ	45	UJ	47	UJ	34	UJ	50	UJ
AROCLOR-1221	ug/kg	SW8082	51	UJ	42	UJ	45	UJ	47	UJ	34	UJ	50	UJ
AROCLOR-1232	ug/kg	SW8082	51	UJ	42	UJ	45	UJ	47	UJ	34	UJ	50	UJ
AROCLOR-1242	ug/kg	SW8082	51	UJ	42	UJ	45	UJ	47	UJ	34	UJ	50	UJ
AROCLOR-1248	ug/kg	SW8082	51	UJ	42	UJ	45	UJ	47	UJ	34	UJ	50	UJ
AROCLOR-1254	ug/kg	SW8082	51	UJ	42	UJ	45	UJ	47	UJ	34	UJ	50	UJ
AROCLOR-1260	ug/kg	SW8082	51	UJ	42	UJ	45	UJ	47	UJ	34	UJ	50	UJ
AROCLOR-1268	ug/kg	SW8082	51	UJ	42	UJ	45	UJ	47	UJ	34	UJ	50	UJ
PCBS, N.O.S.	ug/kg	SW8082	51	UJ	42	UJ	45	UJ	47	UJ	34	UJ	50	UJ
1,2,3-TRICHLOROBENZENE	ug/kg	SW8260	7700	UJ	13000	UJ	27000	UJ	35000	UJ	26000	UJ	3800	UJ
1,2,4-TRICHLOROBENZENE	ug/kg	SW8260	7700	UJ	3600	J	27000	UJ	35000	UJ	26000	UJ	3800	UJ
1,2-DICHLOROBENZENE	ug/kg	SW8260	7700	UJ	170000	J	110000	J	59000	J	35000	J	3800	UJ
1,3,5-TRICHLOROBENZENE	ug/kg	SW8260	7700	UJ	13000	UJ	27000	UJ	35000	UJ	26000	UJ	3800	UJ
1,3-DICHLOROBENZENE	ug/kg	SW8260	7700	UJ	13000	UJ	27000	UJ	35000	UJ	26000	UJ	3800	UJ
1,4-DICHLOROBENZENE	ug/kg	SW8260	7700	UJ	100000	J	65000	J	43000	J	39000	J	3800	UJ
BENZENE	ug/kg	SW8260	7700	UJ	18000	J	21000	J	13000	J	4700	J	3800	UJ
CHLOROBENZENE	ug/kg	SW8260	7700	UJ	57000	J	36000	J	28000	J	45000	J	3800	UJ
ETHYLBENZENE	ug/kg	SW8260	2200	J	13000	UJ	21000	J	35000	UJ	26000	UJ	3800	UJ
NAPHTHALENE	ug/kg	SW8260	220000	J	300000	J	460000	J	600000	J	370000	J	61000	J
TOLUENE	ug/kg	SW8260	1800	J	65000	J	88000	J	58000	J	17000	J	690	J
XYLENES, TOTAL	ug/kg	SW8260	16000	J	130000	J	440000	J	300000	J	91000	J	6200	J
ACENAPHTHENE	ug/kg	SW8270	8000	J	220	J	690	J	1000	J	14000	J	5700	J
ACENAPHTHYLENE	ug/kg	SW8270	5000	J	2200	J	5900	J	9900	J	5600	J	4100	J
ANTHRACENE	ug/kg	SW8270	8000	J	1100	J	4100	J	4100	J	16000	J	11000	J
BENZO(A)ANTHRACENE	ug/kg	SW8270	4800	J	170	J	730	J	450	J	12000	J	8700	J
BENZO(A)PYRENE	ug/kg	SW8270	3000	J	110	J	440	J	940	UJ	5400	J	5500	J
BENZO(B)FLUORANTHENE	ug/kg	SW8270	4100	J	120	J	770	J	280	J	7800	J	6800	J
BENZO(G,H,I)PERYLENE	ug/kg	SW8270	1600	J	65	J	220	J	200	J	2500	J	2700	J
BENZO(K)FLUORANTHENE	ug/kg	SW8270	1500	J	72	J	370	J	940	UJ	3300	J	3100	J
CHRYSENE	ug/kg	SW8270	4600	J	260	J	870	J	930	J	10000	J	8500	J
DIBENZO(A,H)ANTHRACENE	ug/kg	SW8270	740	J	36	J	900	UJ	940	UJ	960	J	1100	J
FLUORANTHENE	ug/kg	SW8270	10000	J	740	J	2300	J	1700	J	42000	J	22000	J
FLUORENE	ug/kg	SW8270	15000	J	16000	J	56000	J	5600	J	17000	J	11000	J
INDENO(1,2,3-CD)PYRENE	ug/kg	SW8270	1600	J	69	J	340	J	940	UJ	2400	J	2800	J
PHENANTHRENE	ug/kg	SW8270	31000	J	2900	J	9800	J	10000	J	75000	J	35000	J
PHENOL	ug/kg	SW8270	2900	J	1100	J	8300	J	13000	J	4600	J	5000	J
PYRENE	ug/kg	SW8270	8800	J	730	J	1900	J	1900	J	29000	J	14000	J
SULFIDE	mg/kg	SW9030	98.7	J	40.5	J	64.8	J	204	J	1460	J	48.5	J
pH	S.U.	SW9045	11.8		11.8		11.9		11.7		11.2		11.4	

Table 3A
Onondaga Lake Phase II Pre-Design Investigation
Summary of Sediment Analytical Results

		Location	OL-VC-10039		OL-VC-10039		OL-VC-10040		OL-VC-10040		OL-VC-10040		OL-VC-10040	
		Sample Depth	16.5-18.0 Ft		13.2-16.5 Ft		0.0-3.3 Ft		3.3-6.6 Ft		6.6-9.9 Ft		9.9-13.2 Ft	
		Field Sample ID	OL-0130-18		OL-0130-19		OL-0133-01		OL-0133-02		OL-0133-03		OL-0133-04	
		Matrix	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
		Sample Purpose	Regular Sample		Field Duplicate		Regular Sample		Regular Sample		Regular Sample		Regular Sample	
		Sample Date	8/9/2006		8/9/2006		8/10/2006		8/10/2006		8/10/2006		8/10/2006	
		Sample Delivery Group	6H100247 C6H100247		6H100247 C6H100247		6H110165 C6H110165		6H110165 C6H110165		6H110165 C6H110165		6H110165 C6H110165	
Parameter Name	Units	Analytical Method												
SOLIDS, PERCENT	%	ASTM D2216	44.5		34.6		51.6		38.7		47.2		40.3	
SOLIDS, PERCENT	%	E160.3	43.5	J	34.1		46		43.7		40.6		32.6	
NITROGEN, AMMONIA (AS N)	mg/kg	E350.1	99.8	J	200	J	175	J	116	J	243	J	348	J
TOTAL ORGANIC CARBON	mg/kg	Lloyd Kahn	40800	J	56200	J	22100		74900	J	53600	J	34800	J
MERCURY	mg/kg	SW7471	1.3	J	1.6	J	1.5	J	1.5	J	1.1	J	1.1	J
AROCLOR-1016	ug/kg	SW8082	38	UJ	48	UJ	180	UJ	190	UJ	200	UJ	250	UJ
AROCLOR-1221	ug/kg	SW8082	38	UJ	48	UJ	180	UJ	190	UJ	200	UJ	250	UJ
AROCLOR-1232	ug/kg	SW8082	38	UJ	48	UJ	180	UJ	190	UJ	200	UJ	250	UJ
AROCLOR-1242	ug/kg	SW8082	38	UJ	48	UJ	180	UJ	190	UJ	200	UJ	250	UJ
AROCLOR-1248	ug/kg	SW8082	38	UJ	48	UJ	180	UJ	190	UJ	200	UJ	250	UJ
AROCLOR-1254	ug/kg	SW8082	38	UJ	48	UJ	180	UJ	190	UJ	200	UJ	250	UJ
AROCLOR-1260	ug/kg	SW8082	38	UJ	48	UJ	180	UJ	190	UJ	200	UJ	250	UJ
AROCLOR-1268	ug/kg	SW8082	38	UJ	48	UJ	180	UJ	190	UJ	200	UJ	250	UJ
PCBS, N.O.S.	ug/kg	SW8082	38	UJ	48	UJ	180	UJ	190	UJ	200	UJ	250	UJ
1,2,3-TRICHLOROBENZENE	ug/kg	SW8260	2300	UJ	1800	UJ	11000	UJ	11000	UJ	12000	UJ	7900	J
1,2,4-TRICHLOROBENZENE	ug/kg	SW8260	2300	UJ	1800	UJ	11000	UJ	11000	UJ	12000	UJ	12000	J
1,2-DICHLOROBENZENE	ug/kg	SW8260	2300	UJ	1800	UJ	13000	J	7500	J	44000	J	73000	J
1,3,5-TRICHLOROBENZENE	ug/kg	SW8260	2300	UJ	1800	UJ	11000	UJ	11000	UJ	12000	UJ	8700	J
1,3-DICHLOROBENZENE	ug/kg	SW8260	2300	UJ	1800	UJ	11000	UJ	11000	UJ	12000	UJ	19000	UJ
1,4-DICHLOROBENZENE	ug/kg	SW8260	2300	UJ	1800	UJ	13000	J	9100	J	36000	J	50000	J
BENZENE	ug/kg	SW8260	2300	UJ	250	J	5000	J	3700	J	7300	J	7900	J
CHLOROBENZENE	ug/kg	SW8260	2300	UJ	1800	UJ	18000	J	6600	J	11000	J	27000	J
ETHYLBENZENE	ug/kg	SW8260	2300	UJ	1800	UJ	3900	J	11000	UJ	12000	UJ	19000	UJ
NAPHTHALENE	ug/kg	SW8260	42000	J	41000	J	270000	J	210000	J	400000	J	440000	J
TOLUENE	ug/kg	SW8260	2300	UJ	350	J	22000	J	15000	J	39000	J	21000	J
XYLENES, TOTAL	ug/kg	SW8260	4000	J	4200	J	87000	J	59000	J	180000	J	190000	J
ACENAPHTHENE	ug/kg	SW8270	4100	J	5000	J	400	J	490	J	340	J	400	J
ACENAPHTHYLENE	ug/kg	SW8270	1800	J	3700	J	2100	J	3300	J	3100	J	3500	J
ANTHRACENE	ug/kg	SW8270	4200	J	11000	J	4000	J	4700	J	2400	J	2100	J
BENZO(A)ANTHRACENE	ug/kg	SW8270	2600	J	9200	J	1200	J	830	J	390	J	350	J
BENZO(A)PYRENE	ug/kg	SW8270	1600	J	6000	J	680	J	470	J	250	J	170	J
BENZO(B)FLUORANTHENE	ug/kg	SW8270	2100	J	7700	J	920	J	640	J	320	J	220	J
BENZO(G,H,I)PERYLENE	ug/kg	SW8270	1000	J	3000	J	420	J	280	J	140	J	110	J
BENZO(K)FLUORANTHENE	ug/kg	SW8270	770	J	3800	J	450	J	320	J	190	J	130	J
CHRYSENE	ug/kg	SW8270	2500	J	9100	J	1500	J	1300	J	620	J	600	J
DIBENZO(A,H)ANTHRACENE	ug/kg	SW8270	350	J	1400	J	160	J	140	J	120	J	65	J
FLUORANTHENE	ug/kg	SW8270	8100	J	16000	J	2800	J	2500	J	1600	J	900	J
FLUORENE	ug/kg	SW8270	5800	J	10000	J	150	UJ	150	UJ	160	UJ	200	UJ
INDENO(1,2,3-CD)PYRENE	ug/kg	SW8270	940	J	3300	J	410	J	280	J	160	J	120	J
PHENANTHRENE	ug/kg	SW8270	17000	J	32000	J	6700	J	8300	J	6100	J	3900	J
PHENOL	ug/kg	SW8270	2700	J	4900	J	2800	J	3600	J	4700	J	7500	J
PYRENE	ug/kg	SW8270	6300	J	14000	J	2200	J	1700	J	1100	J	850	J
SULFIDE	mg/kg	SW9030	36.8	J	46.9	J	714	J	183	J	217	J	172	J
pH	S.U.	SW9045	11.4		11.5		10.6		10.8		10.7		10.7	

Table 3A
Onondaga Lake Phase II Pre-Design Investigation
Summary of Sediment Analytical Results

		Location	OL-VC-10040		OL-VC-10040		OL-VC-10040		OL-VC-10040		OL-VC-10041		OL-VC-10041	
		Sample Depth	13.2-16.5 Ft		13.2-16.5 Ft		16.5-19.8 Ft		16.5-19.8 Ft		0.0-3.3 Ft		3.3-6.6 Ft	
		Field Sample ID	OL-0133-05		OL-0145-02		OL-0133-05A		OL-0145-01		OL-0131-01		OL-0131-02	
		Matrix	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
		Sample Purpose	Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample	
		Sample Date	8/10/2006		8/15/2006		8/10/2006		8/15/2006		8/9/2006		8/9/2006	
		Sample Delivery Group	6H150185 C6H150185		6H160209 C6H160235		6H150185 C6H150185		6H160209 C6H160235		6H100234 C6H100234		6H100234 C6H100234	
Parameter Name	Units	Analytical Method												
SOLIDS, PERCENT	%	ASTM D2216		R	36.7			R	34.3		41.3		38	
SOLIDS, PERCENT	%	E160.3		R	42.6			R	28.9		34.8		37.4	
NITROGEN, AMMONIA (AS N)	mg/kg	E350.1		R	199	J		R	326	J	98.8	J	129	J
TOTAL ORGANIC CARBON	mg/kg	Lloyd Kahn		R	88000	J		R	21400	J	35400	J	20000	J
MERCURY	mg/kg	SW7471		R	0.66	J		R	1.7	J	2.1	J	1.5	J
AROCLOR-1016	ug/kg	SW8082		R	39	UJ		R	57	UJ	47	UJ	44	UJ
AROCLOR-1221	ug/kg	SW8082		R	39	UJ		R	57	UJ	47	UJ	44	UJ
AROCLOR-1232	ug/kg	SW8082		R	39	UJ		R	57	UJ	47	UJ	44	UJ
AROCLOR-1242	ug/kg	SW8082		R	39	UJ		R	57	UJ	47	UJ	44	UJ
AROCLOR-1248	ug/kg	SW8082		R	39	UJ		R	57	UJ	47	UJ	44	UJ
AROCLOR-1254	ug/kg	SW8082		R	39	UJ		R	57	UJ	47	UJ	44	UJ
AROCLOR-1260	ug/kg	SW8082		R	39	UJ		R	57	UJ	47	UJ	44	UJ
AROCLOR-1268	ug/kg	SW8082		R	39	UJ		R	57	UJ	47	UJ	44	UJ
PCBS, N.O.S.	ug/kg	SW8082		R	39	UJ		R	57	UJ	47	UJ	44	UJ
1,2,3-TRICHLOROBENZENE	ug/kg	SW8260		R	12000	UJ		R	8700	UJ	7200	UJ	1300	UJ
1,2,4-TRICHLOROBENZENE	ug/kg	SW8260		R	12000	UJ		R	8700	UJ	7200	UJ	1300	UJ
1,2-DICHLOROBENZENE	ug/kg	SW8260		R	12000	J		R	8700	UJ	2800	J	1300	UJ
1,3,5-TRICHLOROBENZENE	ug/kg	SW8260		R	12000	UJ		R	8700	UJ	7200	UJ	1300	UJ
1,3-DICHLOROBENZENE	ug/kg	SW8260		R	12000	UJ		R	8700	UJ	7200	UJ	1300	UJ
1,4-DICHLOROBENZENE	ug/kg	SW8260		R	16000	J		R	8700	UJ	4100	J	1300	UJ
BENZENE	ug/kg	SW8260		R	3300	J		R	2000	J	7200	UJ	1300	UJ
CHLOROBENZENE	ug/kg	SW8260		R	9600	J		R	8700	UJ	5600	J	1300	UJ
ETHYLBENZENE	ug/kg	SW8260		R	6200	J		R	1700	J	7200	UJ	1300	UJ
NAPHTHALENE	ug/kg	SW8260		R	190000	J		R	250000	J	170000	J	31000	J
TOLUENE	ug/kg	SW8260		R	5600	J		R	1800	J	7200	UJ	1300	UJ
XYLENES, TOTAL	ug/kg	SW8260		J	120000	J		J	12000	J	5700	J	4000	UJ
ACENAPHTHENE	ug/kg	SW8270		R	850	J		R	20000	J	7000	J	4600	J
ACENAPHTHYLENE	ug/kg	SW8270		R	1700	J		R	4100	J	7200	J	3600	J
ANTHRACENE	ug/kg	SW8270		R	1800	J		R	17000	J	21000	J	10000	J
BENZO(A)ANTHRACENE	ug/kg	SW8270		R	990	J		R	7200	J	7800	J	8100	J
BENZO(A)PYRENE	ug/kg	SW8270		R	560	J		R	3900	J	8300	J	5800	J
BENZO(B)FLUORANTHENE	ug/kg	SW8270		R	740	J		R	5400	J	6500	J	6500	J
BENZO(G,H,I)PERYLENE	ug/kg	SW8270		R	300	J		R	1900	J	4700	J	3000	J
BENZO(K)FLUORANTHENE	ug/kg	SW8270		R	280	J		R	2300	J	4400	J	3600	J
CHRYSENE	ug/kg	SW8270		R	1100	J		R	7100	J	7100	J	7300	J
DIBENZO(A,H)ANTHRACENE	ug/kg	SW8270		R	110	J		R	780	J	1600	J	1100	J
FLUORANTHENE	ug/kg	SW8270		R	2200	J		R	23000	J	32000	J	15000	J
FLUORENE	ug/kg	SW8270		R	310	UJ		R	35000	J	24000	J	8600	J
INDENO(1,2,3-CD)PYRENE	ug/kg	SW8270		R	300	J		R	2000	J	4600	J	2900	J
PHENANTHRENE	ug/kg	SW8270		R	4700	J		R	63000	J	67000	J	28000	J
PHENOL	ug/kg	SW8270		R	12000	J		R	15000	J	4200	J	3100	J
PYRENE	ug/kg	SW8270		R	2700	J		R	18000	J	26000	J	11000	J
SULFIDE	mg/kg	SW9030		R	395	J		R	194	J	91.9	J	64.1	J
pH	S.U.	SW9045		R	11.3			R	11.5		11.7		12	

Table 3A
Onondaga Lake Phase II Pre-Design Investigation
Summary of Sediment Analytical Results

		Location	OL-VC-10041		OL-VC-10041		OL-VC-10041		OL-VC-10041		OL-VC-10041A		OL-VC-10041A	
		Sample Depth	6.6-9.9 Ft		9.9-13.2 Ft		13.2-16.5 Ft		16.5-19.7 Ft		0.0-3.3 Ft		0.0-3.3 Ft	
		Field Sample ID	OL-0131-03		OL-0131-04		OL-0131-05		OL-0131-06		OL-0131-07		OL-0131-08	
		Matrix	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
		Sample Purpose	Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample		Field Duplicate	
		Sample Date	8/9/2006		8/9/2006		8/9/2006		8/9/2006		8/9/2006		8/9/2006	
		Sample Delivery Group	6H100234 C6H100234		6H100234 C6H100234		6H100234 C6H100234		6H100234 C6H100234		6H100234 C6H100234		6H100234 C6H100234	
Parameter Name	Units	Analytical Method												
SOLIDS, PERCENT	%	ASTM D2216	38.4		37		42		40.5		47.5		45.2	
SOLIDS, PERCENT	%	E160.3	35.6		33.3		39.7		39.4		45.9		46.5	
NITROGEN, AMMONIA (AS N)	mg/kg	E350.1	172	J	178	J	112	J	125	J	74.8	J	65.6	J
TOTAL ORGANIC CARBON	mg/kg	Lloyd Kahn	20500	J	7330	J	19400	J	22800	J	69600	J	36800	J
MERCURY	mg/kg	SW7471	1.8	J	0.75	J	0.83	J	1.8	J	2.5	J	2	J
AROCLOR-1016	ug/kg	SW8082	46	UJ	50	UJ	42	UJ	42	UJ	36	UJ	35	UJ
AROCLOR-1221	ug/kg	SW8082	46	UJ	50	UJ	42	UJ	42	UJ	36	UJ	35	UJ
AROCLOR-1232	ug/kg	SW8082	46	UJ	50	UJ	42	UJ	42	UJ	36	UJ	35	UJ
AROCLOR-1242	ug/kg	SW8082	46	UJ	50	UJ	42	UJ	42	UJ	36	UJ	35	UJ
AROCLOR-1248	ug/kg	SW8082	46	UJ	50	UJ	42	UJ	42	UJ	36	UJ	35	UJ
AROCLOR-1254	ug/kg	SW8082	46	UJ	50	UJ	42	UJ	42	UJ	36	UJ	35	UJ
AROCLOR-1260	ug/kg	SW8082	46	UJ	50	UJ	42	UJ	42	UJ	36	UJ	35	UJ
AROCLOR-1268	ug/kg	SW8082	46	UJ	50	UJ	42	UJ	42	UJ	36	UJ	35	UJ
PCBS, N.O.S.	ug/kg	SW8082	46	UJ	50	UJ	42	UJ	42	UJ	36	UJ	35	UJ
1,2,3-TRICHLOROBENZENE	ug/kg	SW8260	1400	UJ	830	UJ	1300	UJ	3200	UJ	11000	UJ	5400	UJ
1,2,4-TRICHLOROBENZENE	ug/kg	SW8260	1400	UJ	810	UJ	1300	UJ	3200	UJ	11000	UJ	5400	UJ
1,2-DICHLOROBENZENE	ug/kg	SW8260	1400	UJ	1500	UJ	1300	UJ	3200	UJ	2400	J	3900	J
1,3,5-TRICHLOROBENZENE	ug/kg	SW8260	1400	UJ	910	UJ	1300	UJ	3200	UJ	11000	UJ	5400	UJ
1,3-DICHLOROBENZENE	ug/kg	SW8260	1400	UJ	1500	UJ	1300	UJ	3200	UJ	11000	UJ	5400	UJ
1,4-DICHLOROBENZENE	ug/kg	SW8260	1400	UJ	1500	UJ	1300	UJ	3200	UJ	3100	J	4800	J
BENZENE	ug/kg	SW8260	1400	UJ	1500	UJ	1300	UJ	3200	UJ	11000	UJ	1000	J
CHLOROBENZENE	ug/kg	SW8260	1400	UJ	1500	UJ	1300	UJ	3200	UJ	2400	J	3900	J
ETHYLBENZENE	ug/kg	SW8260	1400	UJ	1500	UJ	1300	UJ	470	J	11000	UJ	1000	J
NAPHTHALENE	ug/kg	SW8260	40000	J	37000	J	39000	J	100000	J	160000	J	200000	J
TOLUENE	ug/kg	SW8260	1400	UJ	500	J	680	J	960	J	3500	J	5100	J
XYLENES, TOTAL	ug/kg	SW8260	710	J	1100	J	1500	J	4600	J	21000	J	28000	J
ACENAPHTHENE	ug/kg	SW8270	2700	J	3500	J	2000	J	18000	J	6200	J	7700	J
ACENAPHTHYLENE	ug/kg	SW8270	1200	J	650	J	730	J	8900	J	4700	J	6900	J
ANTHRACENE	ug/kg	SW8270	3400	J	1800	J	1600	J	22000	J	5400	J	9000	J
BENZO(A)ANTHRACENE	ug/kg	SW8270	2500	J	1100	J	880	J	16000	J	4500	J	7900	J
BENZO(A)PYRENE	ug/kg	SW8270	1600	J	730	J	480	J	9200	J	2700	J	5200	J
BENZO(B)FLUORANTHENE	ug/kg	SW8270	2200	J	1100	J	570	J	8900	J	3500	J	7200	J
BENZO(G,H,I)PERYLENE	ug/kg	SW8270	960	J	460	J	200	J	4500	J	1800	J	3100	J
BENZO(K)FLUORANTHENE	ug/kg	SW8270	780	J	100	UJ	210	J	4900	J	1400	J	2400	J
CHRYSENE	ug/kg	SW8270	2300	J	1000	J	750	J	13000	J	3900	J	7600	J
DIBENZO(A,H)ANTHRACENE	ug/kg	SW8270	380	J	140	J	65	J	1600	J	720	J	1300	J
FLUORANTHENE	ug/kg	SW8270	7100	J	2700	J	2300	J	33000	J	9400	J	16000	J
FLUORENE	ug/kg	SW8270	3600	J	2700	J	1800	J	34000	J	9600	J	9500	J
INDENO(1,2,3-CD)PYRENE	ug/kg	SW8270	910	J	410	J	200	J	4500	J	1800	J	3200	J
PHENANTHRENE	ug/kg	SW8270	12000	J	6300	J	5500	J	69000	J	27000	J	37000	J
PHENOL	ug/kg	SW8270	5700	J	6800	J	6300	J	7300	J	1200	J	2200	J
PYRENE	ug/kg	SW8270	5000	J	1700	J	2100	J	29000	J	7400	J	9300	J
SULFIDE	mg/kg	SW9030	90	J	90	UJ	40.3	J	60.9	J	52.3	J	138	J
pH	S.U.	SW9045	12.1		12.1		12		11.9		11.7		11.7	

Table 3A
Onondaga Lake Phase II Pre-Design Investigation
Summary of Sediment Analytical Results

		Location	OL-VC-10041A		OL-VC-10041A		OL-VC-10041A		OL-VC-10041A		OL-VC-10041A		OL-VC-10042	
		Sample Depth	3.3-6.6 Ft		6.6-9.9 Ft		13.2-16.5 Ft		16.5-19.8 Ft		9.9-13.2 Ft		0.0-3.3 Ft	
		Field Sample ID	OL-0131-09		OL-0131-10		OL-0131-11		OL-0131-12		OL-0131-13		OL-0133-07	
		Matrix	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
		Sample Purpose	Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample	
		Sample Date	8/9/2006		8/9/2006		8/9/2006		8/9/2006		8/9/2006		8/10/2006	
		Sample Delivery Group	6H100234 C6H100234		6H100234 C6H100234		6H100234 C6H100234		6H100234 C6H100234		6H100234 C6H100234		6H110165 C6H110165	
Parameter Name	Units	Analytical Method												
SOLIDS, PERCENT	%	ASTM D2216	35.6		36.2		37.8		38.5		39.3		38.3	
SOLIDS, PERCENT	%	E160.3	36.3		36.9		35.8		37.8		36.8		41.3	
NITROGEN, AMMONIA (AS N)	mg/kg	E350.1	156	J	177	J	157	J	166	J	184	J	254	J
TOTAL ORGANIC CARBON	mg/kg	Lloyd Kahn	27400	J	37500	J	18000	J	18500	J	8990	J	41800	J
MERCURY	mg/kg	SW7471	1.8	J	1.3	J	2.5	J	1.5	J	1	J	1.1	J
AROCLOR-1016	ug/kg	SW8082	46	UJ	45	UJ	46	UJ	44	UJ	45	UJ	200	UJ
AROCLOR-1221	ug/kg	SW8082	46	UJ	45	UJ	46	UJ	44	UJ	45	UJ	200	UJ
AROCLOR-1232	ug/kg	SW8082	46	UJ	45	UJ	46	UJ	44	UJ	45	UJ	200	UJ
AROCLOR-1242	ug/kg	SW8082	46	UJ	45	UJ	46	UJ	44	UJ	45	UJ	200	UJ
AROCLOR-1248	ug/kg	SW8082	46	UJ	45	UJ	46	UJ	44	UJ	45	UJ	200	UJ
AROCLOR-1254	ug/kg	SW8082	46	UJ	45	UJ	46	UJ	44	UJ	45	UJ	200	UJ
AROCLOR-1260	ug/kg	SW8082	46	UJ	45	UJ	46	UJ	44	UJ	45	UJ	200	UJ
AROCLOR-1268	ug/kg	SW8082	46	UJ	45	UJ	46	UJ	44	UJ	45	UJ	200	UJ
PCBS, N.O.S.	ug/kg	SW8082	46	UJ	45	UJ	46	UJ	44	UJ	45	UJ	200	UJ
1,2,3-TRICHLOROBENZENE	ug/kg	SW8260	3400	UJ	3400	UJ	3500	UJ	3300	UJ	1400	UJ	6100	UJ
1,2,4-TRICHLOROBENZENE	ug/kg	SW8260	3400	UJ	3400	UJ	3500	UJ	3300	UJ	1400	UJ	6100	UJ
1,2-DICHLOROBENZENE	ug/kg	SW8260	3400	UJ	3400	UJ	3500	UJ	3300	UJ	1400	UJ	14000	J
1,3,5-TRICHLOROBENZENE	ug/kg	SW8260	3400	UJ	3400	UJ	3500	UJ	3300	UJ	1400	UJ	6100	UJ
1,3-DICHLOROBENZENE	ug/kg	SW8260	3400	UJ	3400	UJ	3500	UJ	3300	UJ	1400	UJ	6100	UJ
1,4-DICHLOROBENZENE	ug/kg	SW8260	3400	UJ	3400	UJ	3500	UJ	3300	UJ	1400	UJ	12000	J
BENZENE	ug/kg	SW8260	3400	UJ	3400	UJ	3500	UJ	3300	UJ	1400	UJ	6500	J
CHLOROBENZENE	ug/kg	SW8260	3400	UJ	3400	UJ	3500	UJ	3300	UJ	1400	UJ	12000	J
ETHYLBENZENE	ug/kg	SW8260	3400	UJ	3400	UJ	3500	UJ	3300	UJ	1400	UJ	4000	J
NAPHTHALENE	ug/kg	SW8260	110000	J	71000	J	52000	J	98000	J	40000	J	110000	J
TOLUENE	ug/kg	SW8260	620	J	3400	UJ	3500	UJ	840	J	600	J	19000	J
XYLENES, TOTAL	ug/kg	SW8260	3800	J	10000	UJ	10000	UJ	2100	J	1600	J	89000	J
ACENAPHTHENE	ug/kg	SW8270	5400	J	7800	J	9900	J	2900	J	2800	J	330	J
ACENAPHTHYLENE	ug/kg	SW8270	4300	J	6000	J	5300	J	690	J	770	J	1600	J
ANTHRACENE	ug/kg	SW8270	6500	J	11000	J	11000	J	3800	J	2400	J	2900	J
BENZO(A)ANTHRACENE	ug/kg	SW8270	3300	J	10000	J	10000	J	1300	J	1500	J	670	J
BENZO(A)PYRENE	ug/kg	SW8270	2100	J	7200	J	7200	J	920	J	780	J	430	J
BENZO(B)FLUORANTHENE	ug/kg	SW8270	2700	J	9300	J	8900	J	1100	J	930	J	560	J
BENZO(G,H,I)PERYLENE	ug/kg	SW8270	1400	J	4700	J	3700	J	560	J	420	J	300	J
BENZO(K)FLUORANTHENE	ug/kg	SW8270	870	J	3300	J	3600	J	410	J	390	J	260	J
CHRYSENE	ug/kg	SW8270	3200	J	9800	J	9100	J	1300	J	1300	J	870	J
DIBENZO(A,H)ANTHRACENE	ug/kg	SW8270	550	J	1700	J	1400	J	210	J	150	J	110	J
FLUORANTHENE	ug/kg	SW8270	10000	J	23000	J	24000	J	3600	J	4600	J	2200	J
FLUORENE	ug/kg	SW8270	9700	J	12000	J	16000	J	2900	J	2600	J	160	UJ
INDENO(1,2,3-CD)PYRENE	ug/kg	SW8270	1300	J	4300	J	3700	J	540	J	410	J	270	J
PHENANTHRENE	ug/kg	SW8270	26000	J	31000	J	46000	J	8700	J	9000	J	5700	J
PHENOL	ug/kg	SW8270	3000	J	3400	J	5000	J	2900	J	5200	J	4000	J
PYRENE	ug/kg	SW8270	8400	J	14000	J	23000	J	2200	J	3100	J	1700	J
SULFIDE	mg/kg	SW9030	44.1	J	43.4	J	44.7	J	106	J	435	J	271	J
pH	S.U.	SW9045	11.9		12		12.1		12.2		12		10.3	

Table 3A
Onondaga Lake Phase II Pre-Design Investigation
Summary of Sediment Analytical Results

		Location	OL-VC-10042		OL-VC-10042		OL-VC-10042		OL-VC-10042		OL-VC-10042		OL-VC-10042A	
		Sample Depth	3.3-6.6 Ft		6.6-9.9 Ft		9.9-13.2 Ft		13.2-16.5 Ft		16.5-19.8 Ft		0.0-3.3 Ft	
		Field Sample ID	OL-0133-08		OL-0133-09		OL-0133-10		OL-0133-11		OL-0133-12		OL-0133-13	
		Matrix	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
		Sample Purpose	Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample	
		Sample Date	8/10/2006		8/10/2006		8/10/2006		8/10/2006		8/10/2006		8/10/2006	
		Sample Delivery Group	6H110165 C6H110165		6H110165 C6H110165		6H110165 C6H110165		6H110165 C6H110165		6H110165 C6H110165		6H110165 C6H110165	
Parameter Name	Units	Analytical Method												
SOLIDS, PERCENT	%	ASTM D2216	41.9		41.1		40.5		31.2		30.9		35.2	
SOLIDS, PERCENT	%	E160.3	46		31.1		39.8		30.3		33		35.1	
NITROGEN, AMMONIA (AS N)	mg/kg	E350.1	223	J	329	J	284	J	410	J	416	J	483	J
TOTAL ORGANIC CARBON	mg/kg	Lloyd Kahn	37300	J	30600	J	56900	J	31800	J	42700	J	62100	J
MERCURY	mg/kg	SW7471	1.5	J	1.7	J	0.85	J	0.54	J	0.48	J	17.8	J
AROCLOR-1016	ug/kg	SW8082	180	UJ	270	UJ	210	UJ	270	UJ	250	UJ	240	UJ
AROCLOR-1221	ug/kg	SW8082	180	UJ	270	UJ	210	UJ	270	UJ	250	UJ	240	UJ
AROCLOR-1232	ug/kg	SW8082	180	UJ	270	UJ	210	UJ	270	UJ	250	UJ	240	UJ
AROCLOR-1242	ug/kg	SW8082	180	UJ	270	UJ	210	UJ	270	UJ	250	UJ	240	UJ
AROCLOR-1248	ug/kg	SW8082	180	UJ	270	UJ	210	UJ	270	UJ	250	UJ	1200	J
AROCLOR-1254	ug/kg	SW8082	180	UJ	270	UJ	210	UJ	270	UJ	250	UJ	240	UJ
AROCLOR-1260	ug/kg	SW8082	180	UJ	270	UJ	210	UJ	270	UJ	250	UJ	590	J
AROCLOR-1268	ug/kg	SW8082	180	UJ	270	UJ	210	UJ	270	UJ	250	UJ	240	UJ
PCBS, N.O.S.	ug/kg	SW8082	180	UJ	270	UJ	210	UJ	270	UJ	250	UJ	1790	J
1,2,3-TRICHLOROBENZENE	ug/kg	SW8260	11000	UJ	16000	UJ	13000	UJ	830	UJ	3800	UJ	2900	UJ
1,2,4-TRICHLOROBENZENE	ug/kg	SW8260	11000	UJ	4300	J	13000	UJ	830	UJ	3800	UJ	2900	UJ
1,2-DICHLOROBENZENE	ug/kg	SW8260	14000	J	84000	J	46000	J	1500	J	4800	J	1300	J
1,3,5-TRICHLOROBENZENE	ug/kg	SW8260	11000	UJ	16000	UJ	13000	UJ	830	UJ	3800	UJ	2900	UJ
1,3-DICHLOROBENZENE	ug/kg	SW8260	11000	UJ	16000	UJ	13000	UJ	830	UJ	3800	UJ	660	J
1,4-DICHLOROBENZENE	ug/kg	SW8260	24000	J	73000	J	48000	J	1400	J	6100	J	5100	J
BENZENE	ug/kg	SW8260	13000	J	13000	J	3600	J	1200	J	1500	J	1400	J
CHLOROBENZENE	ug/kg	SW8260	41000	J	22000	J	8700	J	1500	J	3400	J	3000	J
ETHYLBENZENE	ug/kg	SW8260	11000	UJ	16000	UJ	13000	UJ	680	J	2800	J	1000	J
NAPHTHALENE	ug/kg	SW8260	270000	J	490000	J	280000	J	15000	J	85000	J	57000	J
TOLUENE	ug/kg	SW8260	43000	J	50000	J	19000	J	2900	J	2900	J	2500	J
XYLENES, TOTAL	ug/kg	SW8260	180000	J	140000	J	150000	J	14000	J	58000	J	19000	J
ACENAPHTHENE	ug/kg	SW8270	690	J	4200	J	500	J	180	J	400	J	370	J
ACENAPHTHYLENE	ug/kg	SW8270	3000	J	7600	J	5100	J	810	J	1500	J	640	J
ANTHRACENE	ug/kg	SW8270	3200	J	6000	J	2600	J	970	J	1400	J	3700	J
BENZO(A)ANTHRACENE	ug/kg	SW8270	790	J	750	J	410	J	320	J	330	J	1600	J
BENZO(A)PYRENE	ug/kg	SW8270	460	J	360	J	230	J	210	J	200	J	1200	J
BENZO(B)FLUORANTHENE	ug/kg	SW8270	630	J	530	J	290	J	260	J	270	J	1600	J
BENZO(G,H,I)PERYLENE	ug/kg	SW8270	280	J	210	J	150	J	120	J	130	J	870	J
BENZO(K)FLUORANTHENE	ug/kg	SW8270	260	J	310	J	150	J	130	J	140	J	620	J
CHRYSENE	ug/kg	SW8270	1000	J	1300	J	630	J	420	J	440	J	2200	J
DIBENZO(A,H)ANTHRACENE	ug/kg	SW8270	130	J	190	J	68	J	57	J	63	J	300	J
FLUORANTHENE	ug/kg	SW8270	2000	J	3400	J	1400	J	850	J	970	J	3800	J
FLUORENE	ug/kg	SW8270	140	UJ	430	UJ	170	UJ	220	UJ	200	UJ	190	UJ
INDENO(1,2,3-CD)PYRENE	ug/kg	SW8270	280	J	290	J	150	J	110	J	140	J	740	J
PHENANTHRENE	ug/kg	SW8270	6200	J	16000	J	5400	J	1900	J	3300	J	5200	J
PHENOL	ug/kg	SW8270	3800	J	7100	J	5700	J	9000	J	9600	J	1800	J
PYRENE	ug/kg	SW8270	1400	J	2200	J	1200	J	730	J	800	J	3100	J
SULFIDE	mg/kg	SW9030	417	J	154	J	201	J	79.2	J	121	J	2830	J
pH	S.U.	SW9045	10.6		10.7		10.8		10.9		10.7		8.6	

Table 3A
Onondaga Lake Phase II Pre-Design Investigation
Summary of Sediment Analytical Results

		Location	OL-VC-10042A		OL-VC-10042A		OL-VC-10042A		OL-VC-10042A		OL-VC-10042A		OL-VC-10042A	
		Sample Depth	3.3-6.6 Ft		6.6-9.9 Ft		9.9-13.2 Ft		9.9-13.2 Ft		13.2-16.5 Ft		16.5-19.8 Ft	
		Field Sample ID	OL-0133-14		OL-0133-15		OL-0133-16		OL-0133-17		OL-0133-18		OL-0133-19	
		Matrix	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
		Sample Purpose	Regular Sample		Regular Sample		Regular Sample		Field Duplicate		Regular Sample		Regular Sample	
		Sample Date	8/10/2006		8/10/2006		8/10/2006		8/10/2006		8/10/2006		8/10/2006	
		Sample Delivery Group	6H110165 C6H110165		6H110165 C6H110165		6H110165 C6H110165		6H110165 C6H110165		6H110165 C6H110165		6H110165 C6H110165	
Parameter Name	Units	Analytical Method												
SOLIDS, PERCENT	%	ASTM D2216	46.7		39.7		34.9		34.3		34.1		30.9	
SOLIDS, PERCENT	%	E160.3	47		47.9		40.7		39.7		33.3		30.6	
NITROGEN, AMMONIA (AS N)	mg/kg	E350.1	220	J	173	J	289	J	122	J	185	J	399	J
TOTAL ORGANIC CARBON	mg/kg	Lloyd Kahn	56300	J	32500	J	81500	J	48300	J	28800	J	35000	J
MERCURY	mg/kg	SW7471	0.84	J	1.3	J	1.2	J	1.2	J	0.58	J	0.45	J
AROCLOR-1016	ug/kg	SW8082	180	UJ	170	UJ	200	UJ	210	UJ	250	UJ	270	UJ
AROCLOR-1221	ug/kg	SW8082	180	UJ	170	UJ	200	UJ	210	UJ	250	UJ	270	UJ
AROCLOR-1232	ug/kg	SW8082	180	UJ	170	UJ	200	UJ	210	UJ	250	UJ	270	UJ
AROCLOR-1242	ug/kg	SW8082	180	UJ	170	UJ	200	UJ	210	UJ	250	UJ	270	UJ
AROCLOR-1248	ug/kg	SW8082	180	UJ	170	UJ	200	UJ	210	UJ	250	UJ	270	UJ
AROCLOR-1254	ug/kg	SW8082	180	UJ	170	UJ	200	UJ	210	UJ	250	UJ	270	UJ
AROCLOR-1260	ug/kg	SW8082	180	UJ	170	UJ	200	UJ	210	UJ	250	UJ	270	UJ
AROCLOR-1268	ug/kg	SW8082	180	UJ	170	UJ	200	UJ	210	UJ	250	UJ	270	UJ
PCBS, N.O.S.	ug/kg	SW8082	180	UJ	170	UJ	200	UJ	210	UJ	250	UJ	270	UJ
1,2,3-TRICHLOROBENZENE	ug/kg	SW8260	5300	UJ	10000	UJ	12000	UJ	13000	UJ	15000	UJ	2000	UJ
1,2,4-TRICHLOROBENZENE	ug/kg	SW8260	5300	UJ	10000	UJ	12000	UJ	13000	UJ	2700	J	2000	UJ
1,2-DICHLOROBENZENE	ug/kg	SW8260	9600	J	12000	J	49000	J	44000	J	68000	J	5100	J
1,3,5-TRICHLOROBENZENE	ug/kg	SW8260	5300	UJ	10000	UJ	12000	UJ	13000	UJ	15000	UJ	2000	UJ
1,3-DICHLOROBENZENE	ug/kg	SW8260	9000	J	10000	UJ	12000	UJ	13000	UJ	15000	UJ	2000	UJ
1,4-DICHLOROBENZENE	ug/kg	SW8260	8600	J	20000	J	50000	J	44000	J	73000	J	6600	J
BENZENE	ug/kg	SW8260	7400	J	13000	J	9400	J	9000	J	9300	J	860	J
CHLOROBENZENE	ug/kg	SW8260	9400	J	42000	J	17000	J	16000	J	31000	J	3100	J
ETHYLBENZENE	ug/kg	SW8260	4100	J	10000	UJ	12000	UJ	3900	J	19000	J	1500	J
NAPHTHALENE	ug/kg	SW8260	120000	J	160000	J	330000	J	240000	J	300000	J	37000	J
TOLUENE	ug/kg	SW8260	18000	J	46000	J	39000	J	36000	J	32000	J	1900	J
XYLENES, TOTAL	ug/kg	SW8260	83000	J	200000	J	150000	J	130000	J	410000	J	35000	J
ACENAPHTHENE	ug/kg	SW8270	390	J	790	J	2200	J	1900	J	160	J	360	J
ACENAPHTHYLENE	ug/kg	SW8270	2700	J	3300	J	4200	J	4700	J	1100	J	1500	J
ANTHRACENE	ug/kg	SW8270	3000	J	5500	J	3600	J	3900	J	990	J	1500	J
BENZO(A)ANTHRACENE	ug/kg	SW8270	620	J	1100	J	470	J	450	J	270	J	290	J
BENZO(A)PYRENE	ug/kg	SW8270	360	J	740	J	260	J	270	J	160	J	180	J
BENZO(B)FLUORANTHENE	ug/kg	SW8270	480	J	1000	J	340	J	360	J	190	J	220	J
BENZO(G,H,I)PERYLENE	ug/kg	SW8270	240	J	450	J	170	J	170	J	95	J	110	J
BENZO(K)FLUORANTHENE	ug/kg	SW8270	210	J	460	J	200	J	220	J	100	J	150	J
CHRYSENE	ug/kg	SW8270	850	J	1500	J	770	J	760	J	400	J	420	J
DIBENZO(A,H)ANTHRACENE	ug/kg	SW8270	84	J	210	J	130	J	120	J	44	J	62	J
FLUORANTHENE	ug/kg	SW8270	2100	J	3000	J	2000	J	1900	J	810	J	910	J
FLUORENE	ug/kg	SW8270	140	UJ	140	UJ	160	UJ	170	UJ	100	UJ	220	UJ
INDENO(1,2,3-CD)PYRENE	ug/kg	SW8270	220	J	460	J	190	J	200	J	95	J	120	J
PHENANTHRENE	ug/kg	SW8270	5800	J	7700	J	9000	J	8500	J	1900	J	3100	J
PHENOL	ug/kg	SW8270	3300	J	2400	J	3100	J	3600	J	7600	J	6700	J
PYRENE	ug/kg	SW8270	1500	J	2000	J	1300	J	1300	J	580	J	630	J
SULFIDE	mg/kg	SW9030	494	J	468	J	73.7	UJ	121	J	72.1	J	105	J
pH	S.U.	SW9045	10.3		10.7		10.8		10.8		10.9		10.8	

Table 3A
Onondaga Lake Phase II Pre-Design Investigation
Summary of Sediment Analytical Results

		Location	OL-VC-10043			OL-VC-10043			OL-VC-10043			OL-VC-10043			OL-VC-10043			OL-VC-10043					
		Sample Depth	0.0-3.3 Ft			0.0-3.3 Ft			3.3-6.6 Ft			6.6-9.9 Ft			6.6-9.9 Ft			9.9-13.2 Ft					
		Field Sample ID	OL-0134-07			OL-0134-08			OL-0134-09			OL-0134-11A			OL-0145-03			OL-0134-11					
		Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL					
		Sample Purpose	Regular Sample			Field Duplicate			Regular Sample			Regular Sample			Regular Sample			Regular Sample					
		Sample Date	8/10/2006			8/10/2006			8/10/2006			8/10/2006			8/15/2006			8/10/2006					
		Sample Delivery Group	6H110176 C6H110176			6H110176 C6H110176			6H110176 C6H110176			6H150180 C6H150180			6H160209 C6H160235			6H150180 C6H150180					
Parameter Name	Units	Analytical Method																					
SOLIDS, PERCENT	%	ASTM D2216	38			35.8			40.4					R	37.2					R			
SOLIDS, PERCENT	%	E160.3	42.6			39.7			41.6					R	39.4					R			
NITROGEN, AMMONIA (AS N)	mg/kg	E350.1	281	J		298	J		296	J				R	221	J				R			
TOTAL ORGANIC CARBON	mg/kg	Lloyd Kahn	61400	J		53600	J		55500	J				R	66100	J				R			
MERCURY	mg/kg	SW7471	0.89	J		0.99	J		0.85	J				R	0.76	J				R			
AROCLOR-1016	ug/kg	SW8082	190	UJ		210	UJ		200	UJ				R	42	UJ				R			
AROCLOR-1221	ug/kg	SW8082	190	UJ		210	UJ		200	UJ				R	42	UJ				R			
AROCLOR-1232	ug/kg	SW8082	190	UJ		210	UJ		200	UJ				R	42	UJ				R			
AROCLOR-1242	ug/kg	SW8082	190	UJ		210	UJ		200	UJ				R	42	UJ				R			
AROCLOR-1248	ug/kg	SW8082	190	UJ		210	UJ		200	UJ				R	42	UJ				R			
AROCLOR-1254	ug/kg	SW8082	190	UJ		210	UJ		200	UJ				R	42	UJ				R			
AROCLOR-1260	ug/kg	SW8082	190	UJ		210	UJ		200	UJ				R	42	UJ				R			
AROCLOR-1268	ug/kg	SW8082	190	UJ		210	UJ		200	UJ				R	42	UJ				R			
PCBS, N.O.S.	ug/kg	SW8082	190	UJ		210	UJ		200	UJ				R	42	UJ				R			
1,2,3-TRICHLOROBENZENE	ug/kg	SW8260	15000	UJ		16000	UJ		3000	UJ				R	13000	UJ				R			
1,2,4-TRICHLOROBENZENE	ug/kg	SW8260	15000	UJ		16000	UJ		3000	UJ				R	13000	UJ				R			
1,2-DICHLOROBENZENE	ug/kg	SW8260	5800	J		2700	J		1200	J				R	11000	J				R			
1,3,5-TRICHLOROBENZENE	ug/kg	SW8260	15000	UJ		16000	UJ		3000	UJ				R	13000	UJ				R			
1,3-DICHLOROBENZENE	ug/kg	SW8260	15000	UJ		5000	J		3000	UJ				R	13000	UJ				R			
1,4-DICHLOROBENZENE	ug/kg	SW8260	8000	J		4800	J		1800	J				R	8400	J				R			
BENZENE	ug/kg	SW8260	4300	J		4500	J		1800	J				R	13000	UJ				R			
CHLOROBENZENE	ug/kg	SW8260	3700	J		3400	J		1600	J				R	2500	J				R			
ETHYLBENZENE	ug/kg	SW8260	15000	UJ		2300	J		1700	J				R	13000	UJ				R			
NAPHTHALENE	ug/kg	SW8260	390000	J		410000	J		67000	J				R	260000	J				R			
TOLUENE	ug/kg	SW8260	18000	J		21000	J		8900	J				R	5500	J				R			
XYLENES, TOTAL	ug/kg	SW8260	110000	J		130000	J		36000	J				R	46000	J				R			
ACENAPHTHENE	ug/kg	SW8270	250	J		250	J		140	J				R	240	J				R			
ACENAPHTHYLENE	ug/kg	SW8270	4400	J		4400	J		1400	J				R	3000	J				R			
ANTHRACENE	ug/kg	SW8270	2600	J		2800	J		1500	J				R	2400	J				R			
BENZO(A)ANTHRACENE	ug/kg	SW8270	650	J		590	J		460	J				R	300	J				R			
BENZO(A)PYRENE	ug/kg	SW8270	410	J		360	J		280	J				R	150	J				R			
BENZO(B)FLUORANTHENE	ug/kg	SW8270	540	J		540	J		410	J				R	230	J				R			
BENZO(G,H,I)PERYLENE	ug/kg	SW8270	300	J		270	J		190	J				R	130	J				R			
BENZO(K)FLUORANTHENE	ug/kg	SW8270	260	J		200	J		160	J				R	340	UJ				R			
CHRYSENE	ug/kg	SW8270	1000	J		980	J		620	J				R	790	J				R			
DIBENZO(A,H)ANTHRACENE	ug/kg	SW8270	83	J		76	J		56	J				R	77	J				R			
FLUORANTHENE	ug/kg	SW8270	2000	J		2000	J		1300	J				R	930	J				R			
FLUORENE	ug/kg	SW8270	160	UJ		170	UJ		160	UJ				R	340	UJ				R			
INDENO(1,2,3-CD)PYRENE	ug/kg	SW8270	270	J		250	J		170	J				R	150	J				R			
PHENANTHRENE	ug/kg	SW8270	4300	J		4400	J		2200	J				R	5900	J				R			
PHENOL	ug/kg	SW8270	7000	J		6900	J		6500	J				R	9400	J				R			
PYRENE	ug/kg	SW8270	1700	J		1700	J		1200	J				R	1200	J				R			
SULFIDE	mg/kg	SW9030	93.8	J		161	J		76.9	J				R	122	J				R			
pH	S.U.	SW9045	10.6			10.6			10.7					R	11.6					R			

Table 3A
Onondaga Lake Phase II Pre-Design Investigation
Summary of Sediment Analytical Results

		Location	OL-VC-10043		OL-VC-10043		OL-VC-10043		OL-VC-10044		OL-VC-10044		OL-VC-10044	
		Sample Depth	9.9-13.2 Ft		13.2-16.5 Ft		16.5-19.6 Ft		0.0-3.3 Ft		3.3-6.6 Ft		6.6-9.9 Ft	
		Field Sample ID	OL-0145-04		OL-0134-12		OL-0134-13		OL-0134-01		OL-0134-02		OL-0134-03	
		Matrix	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
		Sample Purpose	Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample	
		Sample Date	8/15/2006		8/10/2006		8/10/2006		8/10/2006		8/10/2006		8/10/2006	
		Sample Delivery Group	6H160209 C6H160235		6H110176 C6H110176		6H110176 C6H110176		6H110176 C6H110176		6H110176 C6H110176		6H110176 C6H110176	
Parameter Name	Units	Analytical Method												
SOLIDS, PERCENT	%	ASTM D2216	47.9		38.6		34.6		48.2		41.7		33.9	
SOLIDS, PERCENT	%	E160.3	49.6		39.9		39		43.8		45		42.2	
NITROGEN, AMMONIA (AS N)	mg/kg	E350.1	156	J	319	J	318	J	166	J	195	J	229	J
TOTAL ORGANIC CARBON	mg/kg	Lloyd Kahn	54900	J	41900	J	28200	J	74600	J	44000	J	92700	J
MERCURY	mg/kg	SW7471	4.7	J	0.87	J	0.81	J	1	J	1.3	J	1.6	J
AROCLOR-1016	ug/kg	SW8082	33	UJ	210	UJ	210	UJ	190	UJ	180	UJ	200	UJ
AROCLOR-1221	ug/kg	SW8082	33	UJ	210	UJ	210	UJ	190	UJ	180	UJ	200	UJ
AROCLOR-1232	ug/kg	SW8082	33	UJ	210	UJ	210	UJ	190	UJ	180	UJ	200	UJ
AROCLOR-1242	ug/kg	SW8082	33	UJ	210	UJ	210	UJ	190	UJ	180	UJ	200	UJ
AROCLOR-1248	ug/kg	SW8082	33	UJ	210	UJ	210	UJ	190	UJ	180	UJ	200	UJ
AROCLOR-1254	ug/kg	SW8082	33	UJ	210	UJ	210	UJ	190	UJ	180	UJ	200	UJ
AROCLOR-1260	ug/kg	SW8082	33	UJ	210	UJ	210	UJ	190	UJ	180	UJ	200	UJ
AROCLOR-1268	ug/kg	SW8082	33	UJ	210	UJ	210	UJ	190	UJ	180	UJ	200	UJ
PCBS, N.O.S.	ug/kg	SW8082	33	UJ	210	UJ	210	UJ	190	UJ	180	UJ	200	UJ
1,2,3-TRICHLOROBENZENE	ug/kg	SW8260	10000	UJ	31000	UJ	16000	UJ	5700	UJ	5600	UJ	30000	UJ
1,2,4-TRICHLOROBENZENE	ug/kg	SW8260	10000	UJ	31000	UJ	16000	UJ	5700	UJ	1100	J	30000	UJ
1,2-DICHLOROBENZENE	ug/kg	SW8260	5300	J	21000	J	23000	J	4900	J	6100	J	59000	J
1,3,5-TRICHLOROBENZENE	ug/kg	SW8260	10000	UJ	31000	UJ	16000	UJ	5700	UJ	5600	UJ	30000	UJ
1,3-DICHLOROBENZENE	ug/kg	SW8260	10000	UJ	31000	UJ	16000	UJ	5700	UJ	5600	UJ	30000	UJ
1,4-DICHLOROBENZENE	ug/kg	SW8260	5200	J	20000	J	23000	J	6000	J	6700	J	50000	J
BENZENE	ug/kg	SW8260	2500	J	31000	UJ	16000	UJ	1900	J	3900	J	9400	J
CHLOROBENZENE	ug/kg	SW8260	5000	J	31000	UJ	4100	J	2700	J	3900	J	15000	J
ETHYLBENZENE	ug/kg	SW8260	4600	J	11000	J	16000	J	5000	J	72000	J	30000	UJ
NAPHTHALENE	ug/kg	SW8260	240000	J	630000	J	600000	J	120000	J	220000	J	820000	J
TOLUENE	ug/kg	SW8260	13000	J	7100	J	8300	J	11000	J	18000	J	49000	J
XYLENES, TOTAL	ug/kg	SW8260	93000	J	94000	J	130000	J	97000	J	76000	J	200000	J
ACENAPHTHENE	ug/kg	SW8270	380	J	360	J	170	UJ	79	J	400	J	790	J
ACENAPHTHYLENE	ug/kg	SW8270	3300	J	5100	J	2200	J	1200	J	5700	J	4400	J
ANTHRACENE	ug/kg	SW8270	3500	J	2500	J	3800	J	1300	J	3900	J	2000	J
BENZO(A)ANTHRACENE	ug/kg	SW8270	1100	J	290	J	280	J	240	J	1400	J	590	J
BENZO(A)PYRENE	ug/kg	SW8270	600	J	160	J	110	J	120	J	840	J	360	J
BENZO(B)FLUORANTHENE	ug/kg	SW8270	710	J	190	J	120	J	200	J	1100	J	650	J
BENZO(G,H,I)PERYLENE	ug/kg	SW8270	390	J	120	J	110	J	77	J	570	J	250	J
BENZO(K)FLUORANTHENE	ug/kg	SW8270	470	J	140	J	110	J	100	J	450	J	160	UJ
CHRYSENE	ug/kg	SW8270	1500	J	700	J	960	J	410	J	1700	J	730	J
DIBENZO(A,H)ANTHRACENE	ug/kg	SW8270	170	J	80	J	120	J	150	UJ	200	J	79	J
FLUORANTHENE	ug/kg	SW8270	2700	J	1200	J	1200	J	920	J	3800	J	1400	J
FLUORENE	ug/kg	SW8270	670	UJ	170	UJ	170	UJ	150	UJ	150	UJ	160	UJ
INDENO(1,2,3-CD)PYRENE	ug/kg	SW8270	400	J	160	J	180	J	77	J	540	J	230	J
PHENANTHRENE	ug/kg	SW8270	6700	J	5700	J	6900	J	2200	J	8900	J	4700	J
PHENOL	ug/kg	SW8270	6300	J	5800	J	6300	J	2100	J	3700	J	4900	J
PYRENE	ug/kg	SW8270	2800	J	1100	J	1200	J	840	J	2800	J	1500	J
SULFIDE	mg/kg	SW9030	468	J	241	J	308	J	110	J	178	J	227	J
pH	S.U.	SW9045	11.3		10.8		10.7		11.1		11.1		11.2	

Table 3A
Onondaga Lake Phase II Pre-Design Investigation
Summary of Sediment Analytical Results

		Location	OL-VC-10044		OL-VC-10044		OL-VC-10044		OL-VC-10046		OL-VC-10046		OL-VC-10046	
		Sample Depth	9.9-13.2 Ft		13.2-16.5 Ft		16.5-19.0 Ft		0.0-3.3 Ft		3.3-6.6 Ft		6.6-9.9 Ft	
		Field Sample ID	OL-0134-04		OL-0134-05		OL-0134-06		OL-0135-01		OL-0135-02		OL-0135-03	
		Matrix	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
		Sample Purpose	Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample	
		Sample Date	8/10/2006		8/10/2006		8/10/2006		8/11/2006		8/11/2006		8/11/2006	
		Sample Delivery Group	6H110176 C6H110176		6H110176 C6H110176		6H110176 C6H110176		6H120152 C6H120152		6H120152 C6H120152		6H120152 C6H120152	
Parameter Name	Units	Analytical Method												
SOLIDS, PERCENT	%	ASTM D2216	41.8		32.8		34.5		54.6		39.4		39.4	
SOLIDS, PERCENT	%	E160.3	42.2		28.8		34.2		54.1		40.1		39.2	
NITROGEN, AMMONIA (AS N)	mg/kg	E350.1	212	J	306	J	282	J	51.4	J	126	J	192	J
TOTAL ORGANIC CARBON	mg/kg	Lloyd Kahn	79900	J	23600	J	42400	J	47400		53600	J	55100	J
MERCURY	mg/kg	SW7471	1.9	J	0.51	J	0.49	J	1.4		0.84	J	0.98	J
AROCLOR-1016	ug/kg	SW8082	200	UJ	290	UJ	240	UJ	30	U	41	UJ	42	UJ
AROCLOR-1221	ug/kg	SW8082	200	UJ	290	UJ	240	UJ	30	U	41	UJ	42	UJ
AROCLOR-1232	ug/kg	SW8082	200	UJ	290	UJ	240	UJ	30	U	41	UJ	42	UJ
AROCLOR-1242	ug/kg	SW8082	200	UJ	290	UJ	240	UJ	30	U	41	UJ	42	UJ
AROCLOR-1248	ug/kg	SW8082	200	UJ	290	UJ	240	UJ	30	U	41	UJ	42	UJ
AROCLOR-1254	ug/kg	SW8082	200	UJ	290	UJ	240	UJ	30	U	41	UJ	42	UJ
AROCLOR-1260	ug/kg	SW8082	200	UJ	290	UJ	240	UJ	30	U	41	UJ	42	UJ
AROCLOR-1268	ug/kg	SW8082	200	UJ	290	UJ	240	UJ	30	U	41	UJ	42	UJ
PCBS, N.O.S.	ug/kg	SW8082	200	UJ	290	UJ	240	UJ	30	U	41	UJ	42	UJ
1,2,3-TRICHLOROBENZENE	ug/kg	SW8260	30000	UJ	870	UJ	3700	UJ	2300	UJ	2700	J	3200	UJ
1,2,4-TRICHLOROBENZENE	ug/kg	SW8260	30000	UJ	870	UJ	3700	UJ	480	J	5300	J	3200	UJ
1,2-DICHLOROBENZENE	ug/kg	SW8260	24000	J	2100	J	5800	J	8000		31000	J	3700	J
1,3,5-TRICHLOROBENZENE	ug/kg	SW8260	30000	UJ	870	UJ	3700	UJ	2300	U	7800	UJ	3200	UJ
1,3-DICHLOROBENZENE	ug/kg	SW8260	30000	UJ	870	UJ	3700	UJ	2300	U	7800	UJ	3200	UJ
1,4-DICHLOROBENZENE	ug/kg	SW8260	33000	J	3100	J	8400	J	13000		18000	J	3900	J
BENZENE	ug/kg	SW8260	4900	J	440	J	3700	UJ	1600	J	9400	J	11000	J
CHLOROBENZENE	ug/kg	SW8260	10000	J	1500	J	3700	UJ	2700		3600	J	1100	J
ETHYLBENZENE	ug/kg	SW8260	5600	J	1100	J	3700	UJ	2000	J	7800	UJ	3200	UJ
NAPHTHALENE	ug/kg	SW8260	850000	J	19000	J	130000	J	64000	J	140000	J	73000	J
TOLUENE	ug/kg	SW8260	17000	J	1300	J	3700	UJ	3900		34000	J	6200	J
XYLENES, TOTAL	ug/kg	SW8260	120000	J	23000	J	50000	J	42000		470000	J	46000	J
ACENAPHTHENE	ug/kg	SW8270	450	J	120	UJ	650	J	290		430	J	670	J
ACENAPHTHYLENE	ug/kg	SW8270	6100	J	190	J	1600	J	700		1500	J	2200	J
ANTHRACENE	ug/kg	SW8270	3400	J	190	J	1500	J	900		1500	J	1200	J
BENZO(A)ANTHRACENE	ug/kg	SW8270	520	J	85	J	540	J	850		420	J	430	J
BENZO(A)PYRENE	ug/kg	SW8270	320	J	37	J	310	J	630		190	J	270	J
BENZO(B)FLUORANTHENE	ug/kg	SW8270	540	J	53	J	390	J	720		260	J	340	J
BENZO(G,H,I)PERYLENE	ug/kg	SW8270	260	J	23	J	180	J	390		91	J	170	J
BENZO(K)FLUORANTHENE	ug/kg	SW8270	260	J	120	UJ	200	J	330		120	J	160	J
CHRYSENE	ug/kg	SW8270	1200	J	100	J	630	J	840		490	J	570	J
DIBENZO(A,H)ANTHRACENE	ug/kg	SW8270	150	J	120	UJ	63	J	130		40	J	60	J
FLUORANTHENE	ug/kg	SW8270	1800	J	200	J	1500	J	1800		1200	J	1100	J
FLUORENE	ug/kg	SW8270	320	UJ	120	UJ	200	UJ	900		170	UJ	1500	J
INDENO(1,2,3-CD)PYRENE	ug/kg	SW8270	290	J	120	UJ	170	J	380		83	J	160	J
PHENANTHRENE	ug/kg	SW8270	7600	J	370	J	3300	J	3000		3700	J	3200	J
PHENOL	ug/kg	SW8270	3400	J	3500	J	4600	J	1400		3900	J	4400	J
PYRENE	ug/kg	SW8270	1800	J	230	J	1400	J	1400		1000	J	920	J
SULFIDE	mg/kg	SW9030	474	J	83.5	J	140	J	55.4	U	74.8	UJ	61.3	J
pH	S.U.	SW9045	11.1		11.2		11.1		12.1		11.8		11.7	

Table 3A
Onondaga Lake Phase II Pre-Design Investigation
Summary of Sediment Analytical Results

		Location	OL-VC-10046		OL-VC-10046		OL-VC-10046		OL-VC-10046A		OL-VC-10046A		OL-VC-10046A	
		Sample Depth	9.9-13.2 Ft		13.2-16.5 Ft		16.5-19.2 Ft		0.0-3.3 Ft		3.3-6.6 Ft		6.6-9.9 Ft	
		Field Sample ID	OL-0135-04		OL-0135-05		OL-0135-06		OL-0135-07		OL-0135-08		OL-0135-09	
		Matrix	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
		Sample Purpose	Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample	
		Sample Date	8/11/2006		8/11/2006		8/11/2006		8/11/2006		8/11/2006		8/11/2006	
		Sample Delivery Group	6H120152 C6H120152		6H120152 C6H120152		6H120152 C6H120152		6H120152 C6H120152		6H120152 C6H120152		6H120152 C6H120152	
Parameter Name	Units	Analytical Method												
SOLIDS, PERCENT	%	ASTM D2216	43.5		62.2		63.5		50.1		42.2		40.5	
SOLIDS, PERCENT	%	E160.3	42.4		57.3		54.6		47.9		37.8		37.1	
NITROGEN, AMMONIA (AS N)	mg/kg	E350.1	211	J	90.5	J	104	J	64.6	J	196	J	188	J
TOTAL ORGANIC CARBON	mg/kg	Lloyd Kahn	81900	J	65400		66500		35800		59200	J	57700	J
MERCURY	mg/kg	SW7471	2.9	J	0.56		1		1	J	1.2	J	0.94	J
AROCLOR-1016	ug/kg	SW8082	190	UJ	140	U	150	U	34	UJ	44	UJ	45	UJ
AROCLOR-1221	ug/kg	SW8082	190	UJ	140	U	150	U	34	UJ	44	UJ	45	UJ
AROCLOR-1232	ug/kg	SW8082	190	UJ	140	U	150	U	34	UJ	44	UJ	45	UJ
AROCLOR-1242	ug/kg	SW8082	190	UJ	140	U	150	U	34	UJ	44	UJ	45	UJ
AROCLOR-1248	ug/kg	SW8082	190	UJ	140	U	150	U	34	UJ	44	UJ	45	UJ
AROCLOR-1254	ug/kg	SW8082	190	UJ	140	U	150	U	34	UJ	44	UJ	45	UJ
AROCLOR-1260	ug/kg	SW8082	190	UJ	140	U	150	U	34	UJ	44	UJ	45	UJ
AROCLOR-1268	ug/kg	SW8082	190	UJ	140	U	150	U	34	UJ	44	UJ	45	UJ
PCBS, N.O.S.	ug/kg	SW8082	190	UJ	140	U	150	U	34	UJ	44	UJ	45	UJ
1,2,3-TRICHLOROBENZENE	ug/kg	SW8260	5900	UJ	55000	UJ	46000	UJ	320	J	6600	UJ	6700	UJ
1,2,4-TRICHLOROBENZENE	ug/kg	SW8260	5900	UJ	55000	U	46000	U	930	J	1500	J	6700	UJ
1,2-DICHLOROBENZENE	ug/kg	SW8260	2900	J	55000	U	46000	U	3300	J	29000	J	7600	J
1,3,5-TRICHLOROBENZENE	ug/kg	SW8260	5900	UJ	55000	U	46000	U	210	J	6600	UJ	6700	UJ
1,3-DICHLOROBENZENE	ug/kg	SW8260	5900	UJ	55000	U	46000	U	520	UJ	6600	UJ	6700	UJ
1,4-DICHLOROBENZENE	ug/kg	SW8260	4800	J	55000	U	46000	U	1900	J	15000	J	9900	J
BENZENE	ug/kg	SW8260	16000	J	110000		160000		190	J	6600	J	13000	J
CHLOROBENZENE	ug/kg	SW8260	760	J	55000	U	46000	U	310	J	2200	J	1700	J
ETHYLBENZENE	ug/kg	SW8260	5900	UJ	55000	U	46000	U	360	J	6600	UJ	6700	UJ
NAPHTHALENE	ug/kg	SW8260	100000	J	1300000	J	900000	J	5800	J	130000	J	120000	J
TOLUENE	ug/kg	SW8260	15000	J	250000		320000		800	J	17000	J	8900	J
XYLENES, TOTAL	ug/kg	SW8260	30000	J	240000		290000		6400	J	250000	J	36000	J
ACENAPHTHENE	ug/kg	SW8270	4900	J	3300		2400		40	J	560	J	420	J
ACENAPHTHYLENE	ug/kg	SW8270	5900	J	2000		1500		80	J	1500	J	1900	J
ANTHRACENE	ug/kg	SW8270	13000	J	14000		9500		110	J	1300	J	750	J
BENZO(A)ANTHRACENE	ug/kg	SW8270	9600	J	8500		5900		90	J	730	J	380	J
BENZO(A)PYRENE	ug/kg	SW8270	5700	J	1900		1300		65	J	380	J	230	J
BENZO(B)FLUORANTHENE	ug/kg	SW8270	7200	J	4000		3100		84	J	520	J	290	J
BENZO(G,H,I)PERYLENE	ug/kg	SW8270	2700	J	870		670	J	41	J	230	J	130	J
BENZO(K)FLUORANTHENE	ug/kg	SW8270	3300	J	1400		310	U	36	J	210	J	120	J
CHRYSENE	ug/kg	SW8270	9300	J	9400		7300		110	J	880	J	440	J
DIBENZO(A,H)ANTHRACENE	ug/kg	SW8270	1400	J	1200		950		15	J	88	J	48	J
FLUORANTHENE	ug/kg	SW8270	18000	J	14000		12000		230	J	1900	J	1100	J
FLUORENE	ug/kg	SW8270	9800	J	14000		12000		14	UJ	1300	J	1000	J
INDENO(1,2,3-CD)PYRENE	ug/kg	SW8270	3000	J	1400		560		38	J	230	J	140	J
PHENANTHRENE	ug/kg	SW8270	43000	J	60000		48000		310	J	3700	J	2400	J
PHENOL	ug/kg	SW8270	4800	J	3200		2700		370	J	5400	J	4300	J
PYRENE	ug/kg	SW8270	15000	J	9500		6700		140	J	1300	J	750	J
SULFIDE	mg/kg	SW9030	170	J	97.8		146		33.4	J	79.3	UJ	80.9	UJ
pH	S.U.	SW9045	11.5		11.4		11.4		11.9		11.6		11.6	

Table 3A
Onondaga Lake Phase II Pre-Design Investigation
Summary of Sediment Analytical Results

		Location	OL-VC-10046A		OL-VC-10046A		OL-VC-10046A	OL-VC-10047		OL-VC-10047		OL-VC-10047	
		Sample Depth	9.9-13.2 Ft		13.2-16.5 Ft		16.5-18.1 Ft	0.0-3.3 Ft		3.3-6.6 Ft		6.6-9.9 Ft	
		Field Sample ID	OL-0135-10		OL-0135-11		OL-0135-12	OL-0138-01		OL-0138-02		OL-0138-03	
		Matrix	SOIL		SOIL		SOIL	SOIL		SOIL		SOIL	
		Sample Purpose	Regular Sample		Regular Sample		Regular Sample	Regular Sample		Regular Sample		Regular Sample	
		Sample Date	8/11/2006		8/11/2006		8/11/2006	8/12/2006		8/12/2006		8/12/2006	
		Sample Delivery Group	6H120152 C6H120152		6H120152 C6H120152		6H120152 C6H120152	6H150220 C6H150215		6H150220 C6H150215		6H150220 C6H150215	
Parameter Name	Units	Analytical Method											
SOLIDS, PERCENT	%	ASTM D2216	58.6		63.7		60.2	37		41.3		39	
SOLIDS, PERCENT	%	E160.3	49.8		56.2		51.3	35.1		39.3		35.6	
NITROGEN, AMMONIA (AS N)	mg/kg	E350.1	123	J	59.7	J	81 J	238	J	148	J	267	J
TOTAL ORGANIC CARBON	mg/kg	Lloyd Kahn	109000		72700		83600	39000	J	33400	J	50600	J
MERCURY	mg/kg	SW7471	2.3	J	0.7		1.2	0.5	J	0.71	J	0.91	J
AROCLOR-1016	ug/kg	SW8082	170	UJ	150	U	160 U	47	UJ	42	UJ	46	UJ
AROCLOR-1221	ug/kg	SW8082	170	UJ	150	U	160 U	47	UJ	42	UJ	46	UJ
AROCLOR-1232	ug/kg	SW8082	170	UJ	150	U	160 U	47	UJ	42	UJ	46	UJ
AROCLOR-1242	ug/kg	SW8082	170	UJ	150	U	160 U	47	UJ	42	UJ	46	UJ
AROCLOR-1248	ug/kg	SW8082	170	UJ	150	U	160 U	47	UJ	42	UJ	46	UJ
AROCLOR-1254	ug/kg	SW8082	170	UJ	150	U	160 U	47	UJ	42	UJ	46	UJ
AROCLOR-1260	ug/kg	SW8082	170	UJ	150	U	160 U	47	UJ	42	UJ	46	UJ
AROCLOR-1268	ug/kg	SW8082	170	UJ	150	U	160 U	47	UJ	42	UJ	46	UJ
PCBS, N.O.S.	ug/kg	SW8082	170	UJ	150	U	160 U	47	UJ	42	UJ	46	UJ
1,2,3-TRICHLOROBENZENE	ug/kg	SW8260	10000	UJ	33000	UJ	49000 UJ	7100	UJ	13000	UJ	7000	UJ
1,2,4-TRICHLOROBENZENE	ug/kg	SW8260	10000	UJ	6400	J	49000 U	7100	UJ	13000	UJ	7000	UJ
1,2-DICHLOROBENZENE	ug/kg	SW8260	3400	J	33000	U	49000 U	2400	J	1600	J	9000	J
1,3,5-TRICHLOROBENZENE	ug/kg	SW8260	10000	UJ	33000	U	49000 U	7100	UJ	13000	UJ	7000	UJ
1,3-DICHLOROBENZENE	ug/kg	SW8260	10000	UJ	33000	U	49000 U	7100	UJ	13000	UJ	7200	J
1,4-DICHLOROBENZENE	ug/kg	SW8260	6000	J	33000	U	49000 U	6800	J	2500	J	6900	J
BENZENE	ug/kg	SW8260	23000	J	48000		83000	3100	J	3700	J	3800	J
CHLOROBENZENE	ug/kg	SW8260	1300	J	33000	U	49000 U	3000	J	1600	J	1300	J
ETHYLBENZENE	ug/kg	SW8260	10000	UJ	33000	U	49000 U	7100	UJ	13000	UJ	1400	J
NAPHTHALENE	ug/kg	SW8260	190000	J	760000	J	690000 J	150000	J	250000	J	150000	J
TOLUENE	ug/kg	SW8260	30000	J	110000		170000	4200	J	6500	J	14000	J
XYLENES, TOTAL	ug/kg	SW8260	69000	J	110000		160000	59000	J	85000	J	29000	J
ACENAPHTHENE	ug/kg	SW8270	6900	J	1800		3300	160	J	320	J	100	J
ACENAPHTHYLENE	ug/kg	SW8270	6100	J	1400		2000	1700	J	3200	J	780	J
ANTHRACENE	ug/kg	SW8270	16000	J	12000		12000	1400	J	2900	J	2000	J
BENZO(A)ANTHRACENE	ug/kg	SW8270	8500	J	7100		5900	140	J	700	J	380	J
BENZO(A)PYRENE	ug/kg	SW8270	2900	J	1200		1500	64	J	400	J	220	J
BENZO(B)FLUORANTHENE	ug/kg	SW8270	4100	J	3700		3700	89	J	570	J	310	J
BENZO(G,H,I)PERYLENE	ug/kg	SW8270	1600	J	770		900	190	UJ	230	J	130	J
BENZO(K)FLUORANTHENE	ug/kg	SW8270	2000	J	590	U	650 U	190	UJ	240	J	140	J
CHRYSENE	ug/kg	SW8270	9600	J	8600		7300	270	J	1100	J	620	J
DIBENZO(A,H)ANTHRACENE	ug/kg	SW8270	1400	J	1100		1100	190	UJ	86	J	69	J
FLUORANTHENE	ug/kg	SW8270	20000	J	13000		13000	550	J	2200	J	1100	J
FLUORENE	ug/kg	SW8270	20000	J	11000		12000	190	UJ	170	UJ	190	UJ
INDENO(1,2,3-CD)PYRENE	ug/kg	SW8270	2100	J	1100		1400	190	UJ	220	J	120	J
PHENANTHRENE	ug/kg	SW8270	67000	J	56000		47000	2200	J	4900	J	2900	J
PHENOL	ug/kg	SW8270	1800	J	3900		3700	3300	J	8200	J	9100	J
PYRENE	ug/kg	SW8270	11000	J	6600		6400	510	J	1600	J	970	J
SULFIDE	mg/kg	SW9030	354	J	128		437	68.4	J	61.1	J	157	J
pH	S.U.	SW9045	11.2		11.2		11.1	11.7		11.8		11.7	

Table 3A
Onondaga Lake Phase II Pre-Design Investigation
Summary of Sediment Analytical Results

		Location	OL-VC-10047		OL-VC-10047		OL-VC-10047		OL-VC-10048		OL-VC-10048		OL-VC-10048	
		Sample Depth	9.9-13.2 Ft		13.2-16.5 Ft		16.5-19.8 Ft		0.0-3.3 Ft		3.3-6.6 Ft		3.3-6.6 Ft	
		Field Sample ID	OL-0138-04		OL-0138-05		OL-0138-06		OL-0135-13		OL-0135-14		OL-0135-15	
		Matrix	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
		Sample Purpose	Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample		Field Duplicate	
		Sample Date	8/12/2006		8/12/2006		8/12/2006		8/11/2006		8/11/2006		8/11/2006	
		Sample Delivery Group	6H150220 C6H150215		6H150220 C6H150215		6H150220 C6H150215		6H120152 C6H120152		6H120152 C6H120152		6H120152 C6H120152	
Parameter Name	Units	Analytical Method												
SOLIDS, PERCENT	%	ASTM D2216	45.6		49.4		42.4		43.6		51.6		49.8	
SOLIDS, PERCENT	%	E160.3	47		48.5		44.6		40.8		48.8		48	
NITROGEN, AMMONIA (AS N)	mg/kg	E350.1	203	J	152	J	191	J	142	J	136	J	149	J
TOTAL ORGANIC CARBON	mg/kg	Lloyd Kahn	49700	J	40300	J	41300	J	52000	J	50800		58200	
MERCURY	mg/kg	SW7471	0.99	J	1.2	J	1.1	J	1.1		2	J	1.9	J
AROCLOR-1016	ug/kg	SW8082	35	UJ	34	UJ	37	UJ	200	U	34	UJ	34	UJ
AROCLOR-1221	ug/kg	SW8082	35	UJ	34	UJ	37	UJ	200	U	34	UJ	34	UJ
AROCLOR-1232	ug/kg	SW8082	35	UJ	34	UJ	37	UJ	200	U	34	UJ	34	UJ
AROCLOR-1242	ug/kg	SW8082	35	UJ	34	UJ	37	UJ	200	U	34	UJ	34	UJ
AROCLOR-1248	ug/kg	SW8082	35	UJ	34	UJ	37	UJ	200	U	34	UJ	34	UJ
AROCLOR-1254	ug/kg	SW8082	35	UJ	34	UJ	37	UJ	200	U	34	UJ	34	UJ
AROCLOR-1260	ug/kg	SW8082	35	UJ	34	UJ	37	UJ	200	U	34	UJ	34	UJ
AROCLOR-1268	ug/kg	SW8082	35	UJ	34	UJ	37	UJ	200	U	34	UJ	34	UJ
PCBS, N.O.S.	ug/kg	SW8082	35	UJ	34	UJ	37	UJ	200	U	34	UJ	34	UJ
1,2,3-TRICHLOROBENZENE	ug/kg	SW8260	2700	UJ	10000	UJ	28000	UJ	3100	U	6400	UJ	6500	UJ
1,2,4-TRICHLOROBENZENE	ug/kg	SW8260	500	J	10000	UJ	28000	UJ	3100	U	6400	UJ	1300	J
1,2-DICHLOROBENZENE	ug/kg	SW8260	3800	J	5000	J	34000	J	2300	J	8800	J	11000	J
1,3,5-TRICHLOROBENZENE	ug/kg	SW8260	2700	UJ	10000	UJ	28000	UJ	3100	U	6400	UJ	6500	UJ
1,3-DICHLOROBENZENE	ug/kg	SW8260	2700	UJ	10000	UJ	28000	UJ	3100	U	6400	UJ	6500	UJ
1,4-DICHLOROBENZENE	ug/kg	SW8260	2800	J	6700	J	26000	J	3600		9100	J	10000	J
BENZENE	ug/kg	SW8260	1600	J	3500	J	14000	J	1100	J	9000	J	7900	J
CHLOROBENZENE	ug/kg	SW8260	560	J	2600	J	5200	J	4200		3500	J	3400	J
ETHYLBENZENE	ug/kg	SW8260	580	J	6200	J	5300	J	3100	U	8200	J	8500	J
NAPHTHALENE	ug/kg	SW8260	59000	J	160000	J	550000	J	59000		84000	J	100000	J
TOLUENE	ug/kg	SW8260	5900	J	25000	J	54000	J	2700	J	24000	J	22000	J
XYLENES, TOTAL	ug/kg	SW8260	12000	J	110000	J	110000	J	46000		150000	J	150000	J
ACENAPHTHENE	ug/kg	SW8270	710	UJ	200	J	320	J	250	J	110	J	110	J
ACENAPHTHYLENE	ug/kg	SW8270	940	J	1700	J	2300	J	1500		420	J	400	J
ANTHRACENE	ug/kg	SW8270	2500	J	2900	J	2100	J	2500		2200	J	1600	J
BENZO(A)ANTHRACENE	ug/kg	SW8270	520	J	850	J	580	J	860		590	J	460	J
BENZO(A)PYRENE	ug/kg	SW8270	370	J	480	J	430	J	460		350	J	290	J
BENZO(B)FLUORANTHENE	ug/kg	SW8270	510	J	670	J	500	J	640		480	J	400	J
BENZO(G,H,I)PERYLENE	ug/kg	SW8270	230	J	290	J	250	J	290	J	220	J	180	J
BENZO(K)FLUORANTHENE	ug/kg	SW8270	710	UJ	410	J	310	J	350		320	J	250	J
CHRYSENE	ug/kg	SW8270	760	J	1300	J	940	J	1200		750	J	640	J
DIBENZO(A,H)ANTHRACENE	ug/kg	SW8270	710	UJ	120	J	130	J	140	J	87	J	84	J
FLUORANTHENE	ug/kg	SW8270	1200	J	2200	J	1300	J	2500		1700	J	1500	J
FLUORENE	ug/kg	SW8270	710	UJ	140	UJ	150	UJ	330	U	140	UJ	140	UJ
INDENO(1,2,3-CD)PYRENE	ug/kg	SW8270	220	J	290	J	250	J	310	J	220	J	180	J
PHENANTHRENE	ug/kg	SW8270	2900	J	5600	J	4000	J	5200		3400	J	3000	J
PHENOL	ug/kg	SW8270	9100	J	3200	J	2900	J	5900		4700	J	4900	J
PYRENE	ug/kg	SW8270	1200	J	1900	J	1300	J	1700		1200	J	1000	J
SULFIDE	mg/kg	SW9030	273	J	281	J	717	J	78.5		98.3	J	117	J
pH	S.U.	SW9045	11.3		11.4		11.5		11.6		11.3		11.2	

Table 3A
Onondaga Lake Phase II Pre-Design Investigation
Summary of Sediment Analytical Results

		Location	OL-VC-10048		OL-VC-10048		OL-VC-10048		OL-VC-10048		OL-VC-10048A		OL-VC-10048A	
		Sample Depth	6.6-9.9 Ft		13.2-16.5 Ft		9.9-13.2 Ft		16.5-19.7 Ft		0.0-3.3 Ft		3.3-6.6 Ft	
		Field Sample ID	OL-0135-16		OL-0135-17		OL-0135-18		OL-0135-19		OL-0136-01		OL-0136-02	
		Matrix	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
		Sample Purpose	Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample	
		Sample Date	8/11/2006		8/11/2006		8/11/2006		8/11/2006		8/11/2006		8/11/2006	
		Sample Delivery Group	6H120152 C6H120152		6H120152 C6H120152		6H120152 C6H120152		6H120152 C6H120152		6H120168 C6H120168		6H120168 C6H120168	
Parameter Name	Units	Analytical Method												
SOLIDS, PERCENT	%	ASTM D2216	57.3		47.2		51.6		35.8		41.7		51.3	
SOLIDS, PERCENT	%	E160.3	52.2		44.4		49.7		35		39.4		49.5	
NITROGEN, AMMONIA (AS N)	mg/kg	E350.1	137	J	208	J	188	J	317	J	139	J	228	J
TOTAL ORGANIC CARBON	mg/kg	Lloyd Kahn	67400	J	40900	J	56000		39400	J	51800	J	50100	
MERCURY	mg/kg	SW7471	2.3		1.1	J	2	J	0.75	J	1.5	J	1.7	J
AROCLOR-1016	ug/kg	SW8082	32	U	370	UJ	330	UJ	47	UJ	42	UJ	33	UJ
AROCLOR-1221	ug/kg	SW8082	32	U	370	UJ	330	UJ	47	UJ	42	UJ	33	UJ
AROCLOR-1232	ug/kg	SW8082	32	U	370	UJ	330	UJ	47	UJ	42	UJ	33	UJ
AROCLOR-1242	ug/kg	SW8082	32	U	370	UJ	330	UJ	47	UJ	42	UJ	33	UJ
AROCLOR-1248	ug/kg	SW8082	32	U	370	UJ	330	UJ	47	UJ	42	UJ	33	UJ
AROCLOR-1254	ug/kg	SW8082	32	U	370	UJ	330	UJ	47	UJ	42	UJ	33	UJ
AROCLOR-1260	ug/kg	SW8082	32	U	370	UJ	330	UJ	47	UJ	42	UJ	33	UJ
AROCLOR-1268	ug/kg	SW8082	32	U	370	UJ	330	UJ	47	UJ	42	UJ	33	UJ
PCBS, N.O.S.	ug/kg	SW8082	32	U	370	UJ	330	UJ	47	UJ	42	UJ	33	UJ
1,2,3-TRICHLOROBENZENE	ug/kg	SW8260	9600	U	7000	UJ	13000	UJ	14000	UJ	6300	UJ	25000	UJ
1,2,4-TRICHLOROBENZENE	ug/kg	SW8260	9600	U	7000	UJ	13000	UJ	14000	UJ	6300	UJ	25000	UJ
1,2-DICHLOROBENZENE	ug/kg	SW8260	8600	J	5200	J	16000	J	38000	J	8800	J	33000	J
1,3,5-TRICHLOROBENZENE	ug/kg	SW8260	9600	U	7000	UJ	13000	UJ	14000	UJ	6300	UJ	25000	UJ
1,3-DICHLOROBENZENE	ug/kg	SW8260	9600	U	7000	UJ	13000	UJ	14000	UJ	6300	UJ	25000	UJ
1,4-DICHLOROBENZENE	ug/kg	SW8260	7200	J	5300	J	17000	J	31000	J	6900	J	25000	J
BENZENE	ug/kg	SW8260	14000		3200	J	10000	J	4000	J	4200	J	15000	J
CHLOROBENZENE	ug/kg	SW8260	2400	J	1800	J	5600	J	7300	J	1500	J	5400	J
ETHYLBENZENE	ug/kg	SW8260	8900	J	7000	UJ	6500	J	14000	UJ	1600	J	5600	J
NAPHTHALENE	ug/kg	SW8260	180000		110000	J	360000	J	170000	J	140000	J	580000	J
TOLUENE	ug/kg	SW8260	69000		10000	J	46000	J	16000	J	16000	J	60000	J
XYLENES, TOTAL	ug/kg	SW8260	170000		42000	J	140000	J	620000	J	33000	J	120000	J
ACENAPHTHENE	ug/kg	SW8270	430	J	420	J	510	J	250	J	130	J	670	UJ
ACENAPHTHYLENE	ug/kg	SW8270	2500		2500	J	5000	J	1300	J	940	J	1100	J
ANTHRACENE	ug/kg	SW8270	2700		2100	J	5000	J	1500	J	1700	J	2200	J
BENZO(A)ANTHRACENE	ug/kg	SW8270	850		1100	J	1200	J	350	J	330	J	580	J
BENZO(A)PYRENE	ug/kg	SW8270	620	J	670	J	720	J	190	J	180	J	370	J
BENZO(B)FLUORANTHENE	ug/kg	SW8270	810		840	J	1000	J	280	J	240	J	540	J
BENZO(G,H,I)PERYLENE	ug/kg	SW8270	460	J	470	J	520	J	120	J	110	J	270	J
BENZO(K)FLUORANTHENE	ug/kg	SW8270	410	J	450	J	460	J	480	UJ	150	J	330	J
CHRYSENE	ug/kg	SW8270	1200		1400	J	1600	J	480	J	550	J	820	J
DIBENZO(A,H)ANTHRACENE	ug/kg	SW8270	190	J	170	J	230	J	480	UJ	87	J	190	J
FLUORANTHENE	ug/kg	SW8270	2300		2500	J	3600	J	1000	J	1100	J	1800	J
FLUORENE	ug/kg	SW8270	640	U	380	UJ	670	UJ	1300	J	170	UJ	670	UJ
INDENO(1,2,3-CD)PYRENE	ug/kg	SW8270	440	J	460	J	500	J	150	J	110	J	270	J
PHENANTHRENE	ug/kg	SW8270	5000		5400	J	9000	J	3100	J	2500	J	4400	J
PHENOL	ug/kg	SW8270	4400		4600	J	5500	J	3700	J	4200	J	5700	J
PYRENE	ug/kg	SW8270	1700		2000	J	2400	J	720	J	990	J	1500	J
SULFIDE	mg/kg	SW9030	153		90.2	J	129		137	J	81.3	J	80.8	J
pH	S.U.	SW9045	11		11.1		11		11.2		11.5		11	

Table 3A
Onondaga Lake Phase II Pre-Design Investigation
Summary of Sediment Analytical Results

		Location	OL-VC-10048A		OL-VC-10048A		OL-VC-10048A		OL-VC-10048A		OL-VC-10049		OL-VC-10049	
		Sample Depth	6.6-9.9 Ft		9.9-13.2 Ft		13.2-16.5 Ft		16.5-17.9 Ft		0.0-3.3 Ft		3.3-6.6 Ft	
		Field Sample ID	OL-0136-03		OL-0136-04		OL-0136-05		OL-0136-06		OL-0147-07		OL-0147-08	
		Matrix	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
		Sample Purpose	Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample	
		Sample Date	8/11/2006		8/11/2006		8/11/2006		8/11/2006		8/16/2006		8/16/2006	
		Sample Delivery Group	6H120168 C6H120168		6H120168 C6H120168		6H120168 C6H120168		6H120168 C6H120168		6H170198 C6H170217		6H170198 C6H170217	
Parameter Name	Units	Analytical Method												
SOLIDS, PERCENT	%	ASTM D2216	53.7		50.8		39.3		37.8		39.2		29.2	
SOLIDS, PERCENT	%	E160.3	50.8		48		41.1		37.6		35		29.5	
NITROGEN, AMMONIA (AS N)	mg/kg	E350.1	189	J	201	J	293	J	249	J	119	J	222	J
TOTAL ORGANIC CARBON	mg/kg	Lloyd Kahn	94800		54800		51700	J	73900	J	55700	J	55400	J
MERCURY	mg/kg	SW7471	2.6		1.6	J	1	J	0.88	J	3.8	J	0.99	J
AROCLOR-1016	ug/kg	SW8082	32	UJ	34	UJ	40	UJ	44	UJ	47	UJ	56	UJ
AROCLOR-1221	ug/kg	SW8082	32	UJ	34	UJ	40	UJ	44	UJ	47	UJ	56	UJ
AROCLOR-1232	ug/kg	SW8082	32	UJ	34	UJ	40	UJ	44	UJ	47	UJ	56	UJ
AROCLOR-1242	ug/kg	SW8082	32	UJ	34	UJ	40	UJ	44	UJ	47	UJ	56	UJ
AROCLOR-1248	ug/kg	SW8082	32	UJ	34	UJ	40	UJ	44	UJ	47	UJ	56	UJ
AROCLOR-1254	ug/kg	SW8082	32	UJ	34	UJ	40	UJ	44	UJ	47	UJ	56	UJ
AROCLOR-1260	ug/kg	SW8082	32	UJ	34	UJ	40	UJ	44	UJ	47	UJ	56	UJ
AROCLOR-1268	ug/kg	SW8082	32	UJ	34	UJ	40	UJ	44	UJ	47	UJ	56	UJ
PCBS, N.O.S.	ug/kg	SW8082	32	UJ	34	UJ	40	UJ	44	UJ	47	UJ	56	UJ
1,2,3-TRICHLOROBENZENE	ug/kg	SW8260	25000	U	26000	UJ	15000	UJ	6600	UJ	710	UJ	4200	UJ
1,2,4-TRICHLOROBENZENE	ug/kg	SW8260	25000	U	26000	UJ	15000	UJ	6600	UJ	260	J	1200	J
1,2-DICHLOROBENZENE	ug/kg	SW8260	33000		14000	J	16000	J	9000	J	7100	J	13000	J
1,3,5-TRICHLOROBENZENE	ug/kg	SW8260	25000	UJ	26000	UJ	15000	UJ	6600	UJ	710	UJ	4200	UJ
1,3-DICHLOROBENZENE	ug/kg	SW8260	25000	U	26000	UJ	15000	UJ	6600	UJ	710	UJ	4200	UJ
1,4-DICHLOROBENZENE	ug/kg	SW8260	27000		13000	J	13000	J	6900	J	5900	J	7000	J
BENZENE	ug/kg	SW8260	16000	J	12000	J	8100	J	4300	J	2000	J	8400	J
CHLOROBENZENE	ug/kg	SW8260	6300	J	4800	J	3200	J	1500	J	690	J	2400	J
ETHYLBENZENE	ug/kg	SW8260	6900	J	6600	J	3100	J	1100	J	530	J	4100	J
NAPHTHALENE	ug/kg	SW8260	500000	J	470000	J	260000	J	150000	J	21000	J	96000	J
TOLUENE	ug/kg	SW8260	63000		48000	J	31000	J	16000	J	2200	J	9500	J
XYLENES, TOTAL	ug/kg	SW8260	140000		130000	J	65000	J	33000	J	13000	J	86000	J
ACENAPHTHENE	ug/kg	SW8270	530	J	300	J	390	J	420	J	180	J	780	J
ACENAPHTHYLENE	ug/kg	SW8270	3100		2800	J	2400	J	1800	J	680	J	1800	J
ANTHRACENE	ug/kg	SW8270	4500		3100	J	1900	J	2400	J	1400	J	1800	J
BENZO(A)ANTHRACENE	ug/kg	SW8270	1200		600	J	640	J	490	J	540	J	380	J
BENZO(A)PYRENE	ug/kg	SW8270	760		390	J	370	J	320	J	350	J	220	J
BENZO(B)FLUORANTHENE	ug/kg	SW8270	1000		480	J	510	J	430	J	570	J	290	J
BENZO(G,H,I)PERYLENE	ug/kg	SW8270	450	J	260	J	260	J	220	J	210	J	96	J
BENZO(K)FLUORANTHENE	ug/kg	SW8270	580	J	320	J	230	J	280	J	220	J	150	J
CHRYSENE	ug/kg	SW8270	1800		900	J	820	J	770	J	730	J	440	J
DIBENZO(A,H)ANTHRACENE	ug/kg	SW8270	240	J	140	J	130	J	110	J	73	J	230	UJ
FLUORANTHENE	ug/kg	SW8270	3300		1800	J	1600	J	1400	J	1700	J	1400	J
FLUORENE	ug/kg	SW8270	660	U	350	UJ	320	UJ	440	UJ	190	UJ	230	UJ
INDENO(1,2,3-CD)PYRENE	ug/kg	SW8270	470	J	260	J	240	J	230	J	200	J	99	J
PHENANTHRENE	ug/kg	SW8270	7700		5300	J	4600	J	4800	J	2400	J	4400	J
PHENOL	ug/kg	SW8270	6200	J	4300	J	5400	J	12000	J	3000	J	6700	J
PYRENE	ug/kg	SW8270	2800		1400	J	1400	J	1300	J	1300	J	1000	J
SULFIDE	mg/kg	SW9030	126		200	J	136	J	63.8	J	85.8	UJ	102	UJ
pH	S.U.	SW9045	10.7		10.8		11		11		11.3		11.4	

Table 3A
Onondaga Lake Phase II Pre-Design Investigation
Summary of Sediment Analytical Results

		Location	OL-VC-10049		OL-VC-10049		OL-VC-10049		OL-VC-10049		OL-VC-10049		OL-VC-10049A	
		Sample Depth	6.6-9.9 Ft		9.9-13.2 Ft		9.9-13.2 Ft		13.2-16.5 Ft		16.5-19.6 Ft		0.0-3.3 Ft	
		Field Sample ID	OL-0147-09		OL-0147-10		OL-0147-11		OL-0147-12		OL-0147-13		OL-0147-14	
		Matrix	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
		Sample Purpose	Regular Sample		Regular Sample		Field Duplicate		Regular Sample		Regular Sample		Regular Sample	
		Sample Date	8/16/2006		8/16/2006		8/16/2006		8/16/2006		8/16/2006		8/16/2006	
		Sample Delivery Group	6H170198 C6H170217		6H170198 C6H170217		6H170198 C6H170217		6H170198 C6H170217		6H170198 C6H170217		6H170198 C6H170217	
Parameter Name	Units	Analytical Method												
SOLIDS, PERCENT	%	ASTM D2216	42.7		55.9		55.2		58.6		52.6		44.9	
SOLIDS, PERCENT	%	E160.3	38.1		52.1		48.8		55.5		43.9		41.3	
NITROGEN, AMMONIA (AS N)	mg/kg	E350.1	157	J	140		136	J	141		224	J	118	J
TOTAL ORGANIC CARBON	mg/kg	Lloyd Kahn	73800	J	91000		95600		68700	J	61700	J	56100	J
MERCURY	mg/kg	SW7471	4.5	J	2.8		3.2	J	0.96		1.4	J	1.2	J
AROCLOR-1016	ug/kg	SW8082	43	UJ	32	UJ	34	UJ	30	UJ	38	UJ	40	UJ
AROCLOR-1221	ug/kg	SW8082	43	UJ	32	UJ	34	UJ	30	UJ	38	UJ	40	UJ
AROCLOR-1232	ug/kg	SW8082	43	UJ	32	UJ	34	UJ	30	UJ	38	UJ	40	UJ
AROCLOR-1242	ug/kg	SW8082	43	UJ	32	UJ	34	UJ	30	UJ	38	UJ	40	UJ
AROCLOR-1248	ug/kg	SW8082	43	UJ	32	UJ	34	UJ	30	UJ	38	UJ	40	UJ
AROCLOR-1254	ug/kg	SW8082	43	UJ	32	UJ	34	UJ	30	UJ	38	UJ	40	UJ
AROCLOR-1260	ug/kg	SW8082	43	UJ	32	UJ	34	UJ	30	UJ	38	UJ	40	UJ
AROCLOR-1268	ug/kg	SW8082	43	UJ	32	UJ	34	UJ	30	UJ	38	UJ	40	UJ
PCBS, N.O.S.	ug/kg	SW8082	43	UJ	32	UJ	34	UJ	30	UJ	38	UJ	40	UJ
1,2,3-TRICHLOROBENZENE	ug/kg	SW8260	4900	J	120000	UJ	26000	UJ	23000	UJ	57000	UJ	3000	UJ
1,2,4-TRICHLOROBENZENE	ug/kg	SW8260	5600	J	120000	U	26000	UJ	23000	U	57000	UJ	3000	UJ
1,2-DICHLOROBENZENE	ug/kg	SW8260	15000	J	120000	U	26000	UJ	23000	U	57000	UJ	15000	J
1,3,5-TRICHLOROBENZENE	ug/kg	SW8260	13000	UJ	120000	U	26000	UJ	23000	U	57000	UJ	3000	UJ
1,3-DICHLOROBENZENE	ug/kg	SW8260	13000	UJ	120000	U	26000	UJ	23000	U	57000	UJ	3000	UJ
1,4-DICHLOROBENZENE	ug/kg	SW8260	10000	J	120000	UJ	26000	UJ	23000	U	57000	UJ	12000	J
BENZENE	ug/kg	SW8260	17000	J	96000	J	43000	J	75000		140000	J	5300	J
CHLOROBENZENE	ug/kg	SW8260	5800	J	120000	U	26000	UJ	23000	U	57000	UJ	2100	J
ETHYLBENZENE	ug/kg	SW8260	5800	J	26000	J	12000	J	4900	J	14000	J	4400	J
NAPHTHALENE	ug/kg	SW8260	200000	J	1800000	J	780000	J	860000	J	1100000	J	84000	J
TOLUENE	ug/kg	SW8260	22000	J	190000	J	88000	J	98000		380000	J	8700	J
XYLENES, TOTAL	ug/kg	SW8260	130000	J	510000	J	250000	J	130000		360000	J	95000	J
ACENAPHTHENE	ug/kg	SW8270	4000	J	6800		11000	J	3300		7500	J	260	J
ACENAPHTHYLENE	ug/kg	SW8270	3700	J	2900		3400	J	1700		1400	J	390	J
ANTHRACENE	ug/kg	SW8270	8600	J	10000		13000	J	10000		8700	J	920	J
BENZO(A)ANTHRACENE	ug/kg	SW8270	4600	J	5500		6000	J	4400		2100	J	470	J
BENZO(A)PYRENE	ug/kg	SW8270	3600	J	2200		2600	J	1100	J	730	J	290	J
BENZO(B)FLUORANTHENE	ug/kg	SW8270	4300	J	3400		3600	J	2000		1200	J	430	J
BENZO(G,H,I)PERYLENE	ug/kg	SW8270	2000	J	930		1100	J	510	J	370	J	140	J
BENZO(K)FLUORANTHENE	ug/kg	SW8270	2100	J	1400		1400	J	750	J	590	J	190	J
CHRYSENE	ug/kg	SW8270	5100	J	5600		6500	J	5300		3200	J	540	J
DIBENZO(A,H)ANTHRACENE	ug/kg	SW8270	650	J	600	J	770	J	780	J	320	J	49	J
FLUORANTHENE	ug/kg	SW8270	13000	J	17000		20000	J	12000		9000	J	1100	J
FLUORENE	ug/kg	SW8270	8100	J	15000		22000	J	13000		19000	J	160	UJ
INDENO(1,2,3-CD)PYRENE	ug/kg	SW8270	1900	J	1100		1400	J	940	J	340	J	130	J
PHENANTHRENE	ug/kg	SW8270	21000	J	40000		52000	J	38000		29000	J	1900	J
PHENOL	ug/kg	SW8270	5400	J	4100		4500	J	5500		9300	J	3700	J
PYRENE	ug/kg	SW8270	8100	J	9800	J	13000	J	5800	J	4700	J	940	J
SULFIDE	mg/kg	SW9030	126	J	1120		476	J	173		109	J	232	J
pH	S.U.	SW9045	11.1		10.7		10.6		10.9		11		11.4	

Table 3A
Onondaga Lake Phase II Pre-Design Investigation
Summary of Sediment Analytical Results

		Location	OL-VC-10049A		OL-VC-10049A		OL-VC-10049A		OL-VC-10049A		OL-VC-10049A		OL-VC-10050	
		Sample Depth	3.3-6.6 Ft		6.6-9.9 Ft		9.9-13.2 Ft		13.2-16.5 Ft		16.5-19.8 Ft		0.0-3.3 Ft	
		Field Sample ID	OL-0147-15		OL-0147-16		OL-0147-17		OL-0147-18		OL-0147-19		OL-0173-01	
		Matrix	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
		Sample Purpose	Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample	
		Sample Date	8/16/2006		8/16/2006		8/16/2006		8/16/2006		8/16/2006		8/24/2006	
		Sample Delivery Group	6H170198 C6H170217		6H170198 C6H170217		6H170198 C6H170217		6H170198 C6H170217		6H170198 C6H170217		68019697|6H2503 27 C6H250315	
Parameter Name	Units	Analytical Method												
SOLIDS, PERCENT	%	ASTM D2216	28.7		43.2		54		60.5		52.7		38	
SOLIDS, PERCENT	%	E160.3	28.1		42.7		49.1		55.2		46.3		44	
NITROGEN, AMMONIA (AS N)	mg/kg	E350.1	260	J	192	J	151	J	131		158	J	486	J
TOTAL ORGANIC CARBON	mg/kg	Lloyd Kahn	26500	J	27300	J	71600	J	81400	J	79800	J	100000	J
MERCURY	mg/kg	SW7471	1.2	J	2.4	J	5.5	J	0.86		1.4	J	61.2	J
AROCLOR-1016	ug/kg	SW8082	59	UJ	39	UJ	34	UJ	30	UJ	36	UJ	38	UJ
AROCLOR-1221	ug/kg	SW8082	59	UJ	39	UJ	34	UJ	30	UJ	36	UJ	38	UJ
AROCLOR-1232	ug/kg	SW8082	59	UJ	39	UJ	34	UJ	30	UJ	36	UJ	38	UJ
AROCLOR-1242	ug/kg	SW8082	59	UJ	39	UJ	34	UJ	30	UJ	36	UJ	38	UJ
AROCLOR-1248	ug/kg	SW8082	59	UJ	39	UJ	34	UJ	30	UJ	36	UJ	470	J
AROCLOR-1254	ug/kg	SW8082	59	UJ	39	UJ	34	UJ	30	UJ	36	UJ	38	UJ
AROCLOR-1260	ug/kg	SW8082	59	UJ	39	UJ	34	UJ	30	UJ	36	UJ	38	UJ
AROCLOR-1268	ug/kg	SW8082	59	UJ	39	UJ	34	UJ	30	UJ	36	UJ	38	UJ
PCBS, N.O.S.	ug/kg	SW8082	59	UJ	39	UJ	34	UJ	30	UJ	36	UJ	470	J
1,2,3-TRICHLOROBENZENE	ug/kg	SW8260	18000	UJ	1500	UJ	25000	UJ	68000	UJ	2700	UJ	10000	J
1,2,4-TRICHLOROBENZENE	ug/kg	SW8260	18000	UJ	460	J	25000	UJ	68000	U	2700	UJ	6900	J
1,2-DICHLOROBENZENE	ug/kg	SW8260	50000	J	7600	J	4100	J	68000	U	2700	UJ	55000	J
1,3,5-TRICHLOROBENZENE	ug/kg	SW8260	18000	UJ	1500	UJ	25000	UJ	68000	U	2700	UJ	11000	UJ
1,3-DICHLOROBENZENE	ug/kg	SW8260	18000	UJ	1500	UJ	25000	UJ	68000	U	2700	UJ	11000	UJ
1,4-DICHLOROBENZENE	ug/kg	SW8260	27000	J	5900	J	25000	UJ	68000	U	2700	UJ	87000	J
BENZENE	ug/kg	SW8260	14000	J	6100	J	24000	J	65000	J	7100	J	12000	J
CHLOROBENZENE	ug/kg	SW8260	6400	J	2200	J	25000	UJ	68000	U	2700	UJ	52000	J
ETHYLBENZENE	ug/kg	SW8260	11000	J	2900	J	5300	J	68000	U	550	J	1900	J
NAPHTHALENE	ug/kg	SW8260	410000	J	50000	J	390000	J	1100000	J	54000	J	280000	J
TOLUENE	ug/kg	SW8260	24000	J	7400	J	37000	J	99000		15000	J	13000	J
XYLENES, TOTAL	ug/kg	SW8260	220000	J	62000	J	110000	J	110000	J	15000	J	38000	J
ACENAPHTHENE	ug/kg	SW8270	610	J	400	J	9100	J	2700		8000	J	400	J
ACENAPHTHYLENE	ug/kg	SW8270	1300	J	950	J	3300	J	1600		2100	J	2700	J
ANTHRACENE	ug/kg	SW8270	1200	J	1100	J	11000	J	9200		9600	J	3200	J
BENZO(A)ANTHRACENE	ug/kg	SW8270	420	J	350	J	5500	J	4000		2900	J	1100	J
BENZO(A)PYRENE	ug/kg	SW8270	290	J	190	J	2600	J	960		1000	J	800	J
BENZO(B)FLUORANTHENE	ug/kg	SW8270	380	J	250	J	3600	J	1800		1900	J	960	J
BENZO(G,H,I)PERYLENE	ug/kg	SW8270	130	J	94	J	1100	J	490	J	520	J	520	J
BENZO(K)FLUORANTHENE	ug/kg	SW8270	160	J	110	J	1400	J	830		820	J	400	J
CHRYSENE	ug/kg	SW8270	480	J	390	J	6300	J	5500		3500	J	1600	J
DIBENZO(A,H)ANTHRACENE	ug/kg	SW8270	42	J	160	UJ	590	J	730		490	J	150	J
FLUORANTHENE	ug/kg	SW8270	1200	J	1100	J	18000	J	11000		12000	J	2900	J
FLUORENE	ug/kg	SW8270	1600	J	160	UJ	16000	J	600	U	20000	J	150	UJ
INDENO(1,2,3-CD)PYRENE	ug/kg	SW8270	120	J	89	J	1300	J	870		740	J	450	J
PHENANTHRENE	ug/kg	SW8270	3200	J	2400	J	43000	J	36000		34000	J	4600	J
PHENOL	ug/kg	SW8270	5400	J	6100	J	2700	J	3200		6200	J	6600	J
PYRENE	ug/kg	SW8270	950	J	870	J	11000	J	5600	J	5900	J	2300	J
SULFIDE	mg/kg	SW9030	107	UJ	37.5	J	815	J	189		104	J	420	J
pH	S.U.	SW9045	11.5		11.3		10.8		11.2		11.2		9.9	

Table 3A
Onondaga Lake Phase II Pre-Design Investigation
Summary of Sediment Analytical Results

		Location	OL-VC-10050		OL-VC-10050		OL-VC-10050		OL-VC-10050		OL-VC-10050		OL-VC-10051	
		Sample Depth	3.3-6.6 Ft		6.6-9.9 Ft		9.9-13.2 Ft		13.2-16.5 Ft		16.5-19.4 Ft		0.0-3.3 Ft	
		Field Sample ID	OL-0173-02		OL-0173-03		OL-0173-04		OL-0173-05		OL-0173-06		OL-0172-14	
		Matrix	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
		Sample Purpose	Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample	
		Sample Date	8/24/2006		8/24/2006		8/24/2006		8/24/2006		8/24/2006		8/24/2006	
		Sample Delivery Group	68019697|6H2503 27 C6H250315		68019697|6H2503 27 C6H250315		68019697|6H2503 27 C6H250315		68019697|6H2503 27 C6H250315		68019697|6H2503 27 C6H250315		213573|6H250282 C6H250275	
Parameter Name	Units	Analytical Method												
SOLIDS, PERCENT	%	ASTM D2216	46.7		39.3		36.2		40.8		32.3		39.7	
SOLIDS, PERCENT	%	E160.3	45.8		34.8		38.2		39.2		34.8		44.5	
NITROGEN, AMMONIA (AS N)	mg/kg	E350.1	281	J	379	J	324	J	305	J	398	J	470	J
TOTAL ORGANIC CARBON	mg/kg	Lloyd Kahn	83200	J	29400	J	38500	J	60200	J	62300	J	108000	J
MERCURY	mg/kg	SW7471	15.7	J	17.9	J	16.7	J	22.9	J	26.1	J	43.9	J
AROCLOR-1016	ug/kg	SW8082	36	UJ	47	UJ	43	UJ	42	UJ	47	UJ	370	UJ
AROCLOR-1221	ug/kg	SW8082	36	UJ	47	UJ	43	UJ	42	UJ	47	UJ	370	UJ
AROCLOR-1232	ug/kg	SW8082	36	UJ	47	UJ	43	UJ	42	UJ	47	UJ	370	UJ
AROCLOR-1242	ug/kg	SW8082	36	UJ	47	UJ	43	UJ	42	UJ	47	UJ	370	UJ
AROCLOR-1248	ug/kg	SW8082	36	UJ	47	UJ	43	UJ	42	UJ	350	J	2800	J
AROCLOR-1254	ug/kg	SW8082	36	UJ	47	UJ	43	UJ	42	UJ	47	UJ	2500	J
AROCLOR-1260	ug/kg	SW8082	36	UJ	47	UJ	43	UJ	42	UJ	47	UJ	370	UJ
AROCLOR-1268	ug/kg	SW8082	36	UJ	47	UJ	43	UJ	42	UJ	47	UJ	370	UJ
PCBS, N.O.S.	ug/kg	SW8082	36	UJ	47	UJ	43	UJ	42	UJ	350	J	5300	J
1,2,3-TRICHLOROBENZENE	ug/kg	SW8260	11000	UJ	53000	J	11000	J	3200	UJ	7200	UJ	42000	UJ
1,2,4-TRICHLOROBENZENE	ug/kg	SW8260	2900	J	440000	J	15000	J	3200	UJ	1700	J	23000	J
1,2-DICHLOROBENZENE	ug/kg	SW8260	110000	J	900000	J	89000	J	7600	J	59000	J	90000	J
1,3,5-TRICHLOROBENZENE	ug/kg	SW8260	11000	UJ	72000	UJ	16000	UJ	3200	UJ	7200	UJ	42000	UJ
1,3-DICHLOROBENZENE	ug/kg	SW8260	11000	UJ	72000	UJ	16000	UJ	3200	UJ	7200	UJ	42000	UJ
1,4-DICHLOROBENZENE	ug/kg	SW8260	180000	J	130000	J	200000	J	16000	J	85000	J	160000	J
BENZENE	ug/kg	SW8260	11000	J	72000	UJ	11000	J	2900	J	10000	J	42000	UJ
CHLOROBENZENE	ug/kg	SW8260	210000	J	160000	J	120000	J	7600	J	27000	J	42000	J
ETHYLBENZENE	ug/kg	SW8260	3200	J	72000	UJ	4000	J	3200	UJ	2700	J	42000	UJ
NAPHTHALENE	ug/kg	SW8260	240000	J	110000	J	280000	J	52000	J	230000	J	420000	J
TOLUENE	ug/kg	SW8260	12000	J	11000	J	14000	J	2600	J	9200	J	8700	J
XYLENES, TOTAL	ug/kg	SW8260	79000	J	50000	J	100000	J	9100	J	38000	J	38000	J
ACENAPHTHENE	ug/kg	SW8270	610	J	110	J	150	J	98	J	160	J	930	J
ACENAPHTHYLENE	ug/kg	SW8270	2300	J	790	J	750	J	590	J	1500	J	3500	J
ANTHRACENE	ug/kg	SW8270	2500	J	940	J	1400	J	1100	J	810	J	8400	J
BENZO(A)ANTHRACENE	ug/kg	SW8270	930	J	350	J	480	J	390	J	460	J	3600	J
BENZO(A)PYRENE	ug/kg	SW8270	580	J	210	J	220	J	210	J	290	J	2200	J
BENZO(B)FLUORANTHENE	ug/kg	SW8270	730	J	280	J	280	J	300	J	320	J	2800	J
BENZO(G,H,I)PERYLENE	ug/kg	SW8270	370	J	130	J	120	J	120	J	170	J	1600	J
BENZO(K)FLUORANTHENE	ug/kg	SW8270	350	J	120	J	160	J	120	J	170	J	1200	J
CHRYSENE	ug/kg	SW8270	1300	J	540	J	660	J	620	J	670	J	4100	J
DIBENZO(A,H)ANTHRACENE	ug/kg	SW8270	160	J	43	J	45	J	43	J	54	J	450	J
FLUORANTHENE	ug/kg	SW8270	2700	J	1100	J	1700	J	1300	J	1400	J	9300	J
FLUORENE	ug/kg	SW8270	150	UJ	96	UJ	87	UJ	85	UJ	96	UJ	370	UJ
INDENO(1,2,3-CD)PYRENE	ug/kg	SW8270	340	J	120	J	110	J	110	J	150	J	1400	J
PHENANTHRENE	ug/kg	SW8270	5000	J	1700	J	2900	J	2100	J	2000	J	11000	J
PHENOL	ug/kg	SW8270	2600	J	6000	J	2700	J	2400	J	2700	J	320	J
PYRENE	ug/kg	SW8270	2000	J	740	J	1000	J	870	J	1000	J	6500	J
SULFIDE	mg/kg	SW9030	63	UJ	92	UJ	80	UJ	82	UJ	88	UJ	719	J
pH	S.U.	SW9045	11.9		12.3		12.3		12.3		12.3		8.6	

Table 3A
Onondaga Lake Phase II Pre-Design Investigation
Summary of Sediment Analytical Results

		Location	OL-VC-10051		OL-VC-10051		OL-VC-10051		OL-VC-10051		OL-VC-10051		OL-VC-10052	
		Sample Depth	3.3-6.6 Ft		6.6-9.9 Ft		9.9-13.2 Ft		13.2-16.5 Ft		16.5-19.8 Ft		0.0-3.3 Ft	
		Field Sample ID	OL-0172-15		OL-0172-16		OL-0172-17		OL-0172-18		OL-0172-19		OL-0172-07	
		Matrix	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
		Sample Purpose	Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample	
		Sample Date	8/24/2006		8/24/2006		8/24/2006		8/24/2006		8/24/2006		8/24/2006	
		Sample Delivery Group	213573|6H250282 C6H250275		213573|6H250282 C6H250275		213573|6H250282 C6H250275		213573|6H250282 C6H250275		213573|6H250282 C6H250275		213573|6H250282 C6H250275	
Parameter Name	Units	Analytical Method												
SOLIDS, PERCENT	%	ASTM D2216	41		27.4		24		36		33.6		37.7	
SOLIDS, PERCENT	%	E160.3	48.4		36.3		33.2		37.5		38.4		46.7	
NITROGEN, AMMONIA (AS N)	mg/kg	E350.1	640	J	350	J	410	J	340	J	410	J	530	J
TOTAL ORGANIC CARBON	mg/kg	Lloyd Kahn	83900	J	48500	J	69800	J	55500	J	65600	J	87000	J
MERCURY	mg/kg	SW7471	32.6	J	11.8	J	19.1	J	16.3	J	13.7	J	54.6	J
AROCLOR-1016	ug/kg	SW8082	340	UJ	450	UJ	500	UJ	440	UJ	430	UJ	350	UJ
AROCLOR-1221	ug/kg	SW8082	340	UJ	450	UJ	500	UJ	440	UJ	430	UJ	350	UJ
AROCLOR-1232	ug/kg	SW8082	340	UJ	450	UJ	500	UJ	440	UJ	430	UJ	350	UJ
AROCLOR-1242	ug/kg	SW8082	340	UJ	450	UJ	500	UJ	440	UJ	430	UJ	350	UJ
AROCLOR-1248	ug/kg	SW8082	610	J	1200	J	500	UJ	280	J	430	UJ	690	J
AROCLOR-1254	ug/kg	SW8082	780	J	450	UJ	330	J	400	J	190	J	910	J
AROCLOR-1260	ug/kg	SW8082	340	UJ	450	UJ	500	UJ	440	UJ	430	UJ	350	UJ
AROCLOR-1268	ug/kg	SW8082	340	UJ	450	UJ	500	UJ	440	UJ	430	UJ	350	UJ
PCBS, N.O.S.	ug/kg	SW8082	1390	J	1200	J	330	J	680	J	190	J	1600	J
1,2,3-TRICHLOROBENZENE	ug/kg	SW8260	11000	J	13000	J	3800	UJ	6700	UJ	6500	UJ	530000	UJ
1,2,4-TRICHLOROBENZENE	ug/kg	SW8260	17000	J	100000	J	2400	J	6700	UJ	1400	J	6200	J
1,2-DICHLOROBENZENE	ug/kg	SW8260	46000	J	260000	J	14000	J	19000	J	77000	J	36000	J
1,3,5-TRICHLOROBENZENE	ug/kg	SW8260	10000	UJ	10000	UJ	3800	UJ	6700	UJ	6500	UJ	530000	UJ
1,3-DICHLOROBENZENE	ug/kg	SW8260	10000	UJ	10000	UJ	3800	UJ	6700	UJ	6500	UJ	530000	UJ
1,4-DICHLOROBENZENE	ug/kg	SW8260	87000	J	68000	J	41000	J	53000	J	44000	J	73000	J
BENZENE	ug/kg	SW8260	7600	J	3000	J	2400	J	2300	J	1900	J	6400	J
CHLOROBENZENE	ug/kg	SW8260	110000	J	54000	J	42000	J	33000	J	27000	J	45000	J
ETHYLBENZENE	ug/kg	SW8260	2900	J	2100	J	940	J	1400	J	3400	J	1900	J
NAPHTHALENE	ug/kg	SW8260	140000	J	140000	J	72000	J	120000	J	100000	J	170000	J
TOLUENE	ug/kg	SW8260	18000	J	9400	J	5700	J	6400	J	2400	J	5900	J
XYLENES, TOTAL	ug/kg	SW8260	42000	J	53000	J	24000	J	37000	J	37000	J	20000	J
ACENAPHTHENE	ug/kg	SW8270	2100	J	120	J	86	J	190	J	140	J	470	J
ACENAPHTHYLENE	ug/kg	SW8270	3000	J	700	J	400	J	900	J	1100	J	3700	J
ANTHRACENE	ug/kg	SW8270	4500	J	780	J	850	J	1100	J	1600	J	7500	J
BENZO(A)ANTHRACENE	ug/kg	SW8270	2700	J	250	J	590	J	790	J	690	J	2400	J
BENZO(A)PYRENE	ug/kg	SW8270	1700	J	81	J	300	J	450	J	310	J	1400	J
BENZO(B)FLUORANTHENE	ug/kg	SW8270	2200	J	130	J	370	J	510	J	420	J	1800	J
BENZO(G,H,I)PERYLENE	ug/kg	SW8270	1200	J	56	J	170	J	260	J	220	J	1100	J
BENZO(K)FLUORANTHENE	ug/kg	SW8270	760	J	48	J	140	J	240	J	180	J	640	J
CHRYSENE	ug/kg	SW8270	3400	J	360	J	710	J	1000	J	1000	J	2800	J
DIBENZO(A,H)ANTHRACENE	ug/kg	SW8270	320	J	20	J	45	J	69	J	66	J	310	J
FLUORANTHENE	ug/kg	SW8270	7400	J	870	J	1700	J	2400	J	2000	J	5700	J
FLUORENE	ug/kg	SW8270	2400	J	92	UJ	100	UJ	89	UJ	87	UJ	360	UJ
INDENO(1,2,3-CD)PYRENE	ug/kg	SW8270	1100	J	52	J	160	J	240	J	200	J	940	J
PHENANTHRENE	ug/kg	SW8270	10000	J	1600	J	2100	J	2900	J	2900	J	7200	J
PHENOL	ug/kg	SW8270	4300	J	7600	J	6200	J	6600	J	6900	J	770	J
PYRENE	ug/kg	SW8270	5200	J	550	J	1100	J	1600	J	1200	J	4000	J
SULFIDE	mg/kg	SW9030	310	UJ	413	UJ	452	UJ	400	UJ	390	UJ	321	UJ
pH	S.U.	SW9045	9.7		12.1		12.3		12.2		12.1		8.8	

Table 3A
Onondaga Lake Phase II Pre-Design Investigation
Summary of Sediment Analytical Results

		Location	OL-VC-10052		OL-VC-10052		OL-VC-10052		OL-VC-10052		OL-VC-10052		OL-VC-10052	
		Sample Depth	3.3-6.6 Ft		6.6-9.9 Ft		9.9-13.2 Ft		9.9-13.2 Ft		13.2-16.5 Ft		16.5-19.8 Ft	
		Field Sample ID	OL-0172-08		OL-0172-09		OL-0172-10		OL-0172-11		OL-0172-12		OL-0172-13	
		Matrix	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
		Sample Purpose	Regular Sample		Regular Sample		Regular Sample		Field Duplicate		Regular Sample		Regular Sample	
		Sample Date	8/24/2006		8/24/2006		8/24/2006		8/24/2006		8/24/2006		8/24/2006	
		Sample Delivery Group	213573|6H250282 C6H250275		213573|6H250282 C6H250275		213573|6H250282 C6H250275		213573|6H250282 C6H250275		213573|6H250282 C6H250275		213573|6H250282 C6H250275	
Parameter Name	Units	Analytical Method												
SOLIDS, PERCENT	%	ASTM D2216	37.2		46.2		30.7		31		38.7		37.1	
SOLIDS, PERCENT	%	E160.3	45.2		43.1		34.7		36.6		36.9		33.9	
NITROGEN, AMMONIA (AS N)	mg/kg	E350.1	390	J	200	J	190	J	250	J	200	J	250	J
TOTAL ORGANIC CARBON	mg/kg	Lloyd Kahn	84400	J	51200	J	71100	J	82600	J	87000	J	46600	J
MERCURY	mg/kg	SW7471	34.5	J	15.1	J	20.5	J	17.8	J	23.8	J	24.2	J
AROCLOR-1016	ug/kg	SW8082	360	UJ	380	UJ	480	UJ	450	UJ	450	UJ	490	UJ
AROCLOR-1221	ug/kg	SW8082	360	UJ	380	UJ	480	UJ	450	UJ	450	UJ	490	UJ
AROCLOR-1232	ug/kg	SW8082	360	UJ	380	UJ	480	UJ	450	UJ	450	UJ	490	UJ
AROCLOR-1242	ug/kg	SW8082	360	UJ	380	UJ	480	UJ	450	UJ	450	UJ	490	UJ
AROCLOR-1248	ug/kg	SW8082	360	UJ	380	UJ	480	UJ	260	J	450	UJ	490	UJ
AROCLOR-1254	ug/kg	SW8082	640	J	380	UJ	480	UJ	520	J	180	J	190	J
AROCLOR-1260	ug/kg	SW8082	360	UJ	380	UJ	480	UJ	450	UJ	450	UJ	490	UJ
AROCLOR-1268	ug/kg	SW8082	360	UJ	380	UJ	480	UJ	450	UJ	450	UJ	490	UJ
PCBS, N.O.S.	ug/kg	SW8082	640	J	380	UJ	480	UJ	780	J	180	J	190	J
1,2,3-TRICHLOROBENZENE	ug/kg	SW8260	550000	UJ	1400000	UJ	360000	UJ	5500	UJ	6800	UJ	7400	UJ
1,2,4-TRICHLOROBENZENE	ug/kg	SW8260	5700	J	1400000	UJ	2100	J	1300	J	6800	UJ	7400	UJ
1,2-DICHLOROBENZENE	ug/kg	SW8260	130000	J	160000	J	48000	J	30000	J	23000	J	11000	J
1,3,5-TRICHLOROBENZENE	ug/kg	SW8260	550000	UJ	1400000	UJ	360000	UJ	5500	UJ	6800	UJ	7400	UJ
1,3-DICHLOROBENZENE	ug/kg	SW8260	550000	UJ	1400000	UJ	360000	UJ	5500	UJ	6800	UJ	7400	UJ
1,4-DICHLOROBENZENE	ug/kg	SW8260	260000	J	200000	J	90000	J	47000	J	59000	J	14000	J
BENZENE	ug/kg	SW8260	9700	J	9600	J	3600	J	2200	J	2700	J	2000	J
CHLOROBENZENE	ug/kg	SW8260	230000	J	240000	J	28000	J	17000	J	16000	J	15000	J
ETHYLBENZENE	ug/kg	SW8260	2900	J	5000	J	1800	J	920	J	2300	J	5000	J
NAPHTHALENE	ug/kg	SW8260	200000	J	460000	J	140000	J	81000	J	140000	J	100000	J
TOLUENE	ug/kg	SW8260	18000	J	32000	J	10000	J	5600	J	5300	J	2900	J
XYLENES, TOTAL	ug/kg	SW8260	71000	J	120000	J	47000	J	24000	J	33000	J	48000	J
ACENAPHTHENE	ug/kg	SW8270	2100	J	260	J	130	J	160	J	130	J	150	J
ACENAPHTHYLENE	ug/kg	SW8270	3000	J	1600	J	740	J	960	J	1200	J	1300	J
ANTHRACENE	ug/kg	SW8270	4200	J	2100	J	920	J	1200	J	1200	J	1100	J
BENZO(A)ANTHRACENE	ug/kg	SW8270	1700	J	650	J	580	J	730	J	540	J	480	J
BENZO(A)PYRENE	ug/kg	SW8270	1100	J	300	J	390	J	470	J	270	J	210	J
BENZO(B)FLUORANTHENE	ug/kg	SW8270	1400	J	430	J	430	J	560	J	340	J	230	J
BENZO(G,H,I)PERYLENE	ug/kg	SW8270	800	J	220	J	240	J	300	J	170	J	130	J
BENZO(K)FLUORANTHENE	ug/kg	SW8270	470	J	160	J	190	J	220	J	150	J	120	J
CHRYSENE	ug/kg	SW8270	2300	J	1000	J	710	J	890	J	740	J	590	J
DIBENZO(A,H)ANTHRACENE	ug/kg	SW8270	220	J	65	J	60	J	80	J	48	J	37	J
FLUORANTHENE	ug/kg	SW8270	6200	J	2400	J	2000	J	2500	J	1800	J	1500	J
FLUORENE	ug/kg	SW8270	150	UJ	77	UJ	96	UJ	91	UJ	90	UJ	98	UJ
INDENO(1,2,3-CD)PYRENE	ug/kg	SW8270	700	J	200	J	220	J	280	J	160	J	120	J
PHENANTHRENE	ug/kg	SW8270	9400	J	3700	J	2200	J	3000	J	2200	J	2400	J
PHENOL	ug/kg	SW8270	6200	J	5800	J	3300	J	6400	J	3500	J	3100	J
PYRENE	ug/kg	SW8270	3400	J	1300	J	1300	J	1600	J	1100	J	940	J
SULFIDE	mg/kg	SW9030	332	UJ	348	UJ	433	UJ	410	UJ	407	UJ	442	UJ
pH	S.U.	SW9045	10.2		12.2		12.2		12.2		12.2		12.2	

Table 3A
Onondaga Lake Phase II Pre-Design Investigation
Summary of Sediment Analytical Results

		Location	OL-VC-10053		OL-VC-10053		OL-VC-10053		OL-VC-10053		OL-VC-10053		OL-VC-10053	
		Sample Depth	0.0-3.3 Ft		3.3-6.6 Ft		6.6-9.9 Ft		9.9-13.2 Ft		13.2-16.5 Ft		16.5-19.2 Ft	
		Field Sample ID	OL-0148-01		OL-0148-02		OL-0148-03		OL-0148-04		OL-0148-05		OL-0148-06	
		Matrix	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
		Sample Purpose	Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample	
		Sample Date	8/16/2006		8/16/2006		8/16/2006		8/16/2006		8/16/2006		8/16/2006	
		Sample Delivery Group	6H170202 C6H170222		6H170202 C6H170222		6H170202 C6H170222		6H170202 C6H170222		6H170202 C6H170222		6H170202 C6H170222	
Parameter Name	Units	Analytical Method												
SOLIDS, PERCENT	%	ASTM D2216	47.7		50.9		39.2		33.4		29.6		24.4	
SOLIDS, PERCENT	%	E160.3	36.2		48		43		28.4		27.3		23	
NITROGEN, AMMONIA (AS N)	mg/kg	E350.1	73.8	J	87.7	J	88	J	176	J	243	J	270	J
TOTAL ORGANIC CARBON	mg/kg	Lloyd Kahn	52400	J	89400		2260	J	33500	J	37400	J	28100	J
MERCURY	mg/kg	SW7471	2.6	J	1.8	J	1.4	J	0.22	J	0.23	J	0.16	J
AROCLOR-1016	ug/kg	SW8082	46	UJ	34	UJ	38	UJ	58	UJ	60	UJ	72	UJ
AROCLOR-1221	ug/kg	SW8082	46	UJ	34	UJ	38	UJ	58	UJ	60	UJ	72	UJ
AROCLOR-1232	ug/kg	SW8082	46	UJ	34	UJ	38	UJ	58	UJ	60	UJ	72	UJ
AROCLOR-1242	ug/kg	SW8082	46	UJ	34	UJ	38	UJ	58	UJ	60	UJ	72	UJ
AROCLOR-1248	ug/kg	SW8082	46	UJ	34	UJ	38	UJ	58	UJ	60	UJ	72	UJ
AROCLOR-1254	ug/kg	SW8082	46	UJ	34	UJ	38	UJ	58	UJ	60	UJ	72	UJ
AROCLOR-1260	ug/kg	SW8082	46	UJ	34	UJ	38	UJ	58	UJ	60	UJ	72	UJ
AROCLOR-1268	ug/kg	SW8082	46	UJ	34	UJ	38	UJ	58	UJ	60	UJ	72	UJ
PCBS, N.O.S.	ug/kg	SW8082	46	UJ	34	UJ	38	UJ	58	UJ	60	UJ	72	UJ
1,2,3-TRICHLOROBENZENE	ug/kg	SW8260	14000	UJ	52000	UJ	29000	UJ	18	UJ	18	UJ	22	UJ
1,2,4-TRICHLOROBENZENE	ug/kg	SW8260	14000	UJ	52000	UJ	29000	UJ	18	UJ	18	UJ	22	UJ
1,2-DICHLOROBENZENE	ug/kg	SW8260	7100	J	52000	UJ	29000	UJ	18	UJ	18	UJ	22	UJ
1,3,5-TRICHLOROBENZENE	ug/kg	SW8260	14000	UJ	52000	UJ	29000	UJ	18	UJ	18	UJ	22	UJ
1,3-DICHLOROBENZENE	ug/kg	SW8260	14000	UJ	52000	UJ	29000	UJ	18	UJ	18	UJ	22	UJ
1,4-DICHLOROBENZENE	ug/kg	SW8260	9900	J	52000	UJ	29000	UJ	18	UJ	18	UJ	22	UJ
BENZENE	ug/kg	SW8260	10000	J	39000	J	4100	J	10	J	18	UJ	22	UJ
CHLOROBENZENE	ug/kg	SW8260	4300	J	52000	UJ	29000	UJ	4.5	J	18	UJ	22	UJ
ETHYLBENZENE	ug/kg	SW8260	2500	J	11000	J	14000	J	18	UJ	18	UJ	22	UJ
NAPHTHALENE	ug/kg	SW8260	360000	J	1100000	J	570000	J	81	J	36	J	92	J
TOLUENE	ug/kg	SW8260	11000	J	170000	J	32000	J	14	J	18	UJ	8.3	J
XYLENES, TOTAL	ug/kg	SW8260	99000	J	260000	J	410000	J	53	J	55	UJ	22	J
ACENAPHTHENE	ug/kg	SW8270	1600	J	14000	J	3100	J	360	J	38	J	130	J
ACENAPHTHYLENE	ug/kg	SW8270	2300	J	3700	J	1600	J	130	J	14	J	150	UJ
ANTHRACENE	ug/kg	SW8270	3300	J	35000	J	4900	J	390	J	26	J	150	J
BENZO(A)ANTHRACENE	ug/kg	SW8270	1900	J	8900	J	3200	J	350	J	24	J	80	J
BENZO(A)PYRENE	ug/kg	SW8270	1400	J	5200	J	2100	J	180	J	15	J	54	J
BENZO(B)FLUORANTHENE	ug/kg	SW8270	1900	J	7400	J	2900	J	230	J	19	J	68	J
BENZO(G,H,I)PERYLENE	ug/kg	SW8270	500	J	800	J	530	J	58	J	5.7	J	45	J
BENZO(K)FLUORANTHENE	ug/kg	SW8270	750	J	3200	J	930	J	100	J	24	UJ	150	UJ
CHRYSENE	ug/kg	SW8270	2400	J	13000	J	3100	J	350	J	30	J	91	J
DIBENZO(A,H)ANTHRACENE	ug/kg	SW8270	230	J	540	J	400	J	120	UJ	24	UJ	150	UJ
FLUORANTHENE	ug/kg	SW8270	4600	J	30000	J	8800	J	780	J	60	J	380	J
FLUORENE	ug/kg	SW8270	180	UJ	350	UJ	390	UJ	320	J	9.4	J	150	UJ
INDENO(1,2,3-CD)PYRENE	ug/kg	SW8270	640	J	2400	J	640	J	57	J	5.5	J	39	J
PHENANTHRENE	ug/kg	SW8270	11000	J	54000	J	17000	J	1400	J	110	J	690	
PHENOL	ug/kg	SW8270	1600	J	220	J	350	J	300	J	500	J	1700	J
PYRENE	ug/kg	SW8270	3100	J	16000	J	5800	J	630	J	52	J	250	J
SULFIDE	mg/kg	SW9030	177	J	100	J	69.8	UJ	106	UJ	110	UJ	131	UJ
pH	S.U.	SW9045	11.5		11.6		12		12.2		12.3		12.2	

Table 3A
Onondaga Lake Phase II Pre-Design Investigation
Summary of Sediment Analytical Results

		Location	OL-VC-10053A		OL-VC-10053A		OL-VC-10053A		OL-VC-10053A		OL-VC-10053A		OL-VC-10053A	
		Sample Depth	0.0-3.3 Ft		3.3-6.6 Ft		6.6-9.9 Ft		6.6-9.9 Ft		9.9-13.2 Ft		13.2-16.5 Ft	
		Field Sample ID	OL-0148-07		OL-0148-08		OL-0148-09		OL-0148-10		OL-0148-11		OL-0148-12	
		Matrix	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
		Sample Purpose	Regular Sample		Regular Sample		Regular Sample		Field Duplicate		Regular Sample		Regular Sample	
		Sample Date	8/16/2006		8/16/2006		8/16/2006		8/16/2006		8/16/2006		8/16/2006	
		Sample Delivery Group	6H170202 C6H170222		6H170202 C6H170222		6H170202 C6H170222		6H170202 C6H170222		6H170202 C6H170222		6H170202 C6H170222	
Parameter Name	Units	Analytical Method												
SOLIDS, PERCENT	%	ASTM D2216	47.6		54.3		50.1		50.7		37.2		30	
SOLIDS, PERCENT	%	E160.3	41.2		49		48.1		44.4		40.5		27.9	
NITROGEN, AMMONIA (AS N)	mg/kg	E350.1	69.7	J	76.2	J	85.5	J	94.4	J	83.4	J	192	J
TOTAL ORGANIC CARBON	mg/kg	Lloyd Kahn	62700	J	82500		89400		67500		35400	J	18900	J
MERCURY	mg/kg	SW7471	3.1	J	1.6	J	1.7	J	1.8	J	1.3	J	0.19	J
AROCLOR-1016	ug/kg	SW8082		R	34	UJ	34	UJ	37	UJ	41	UJ	59	UJ
AROCLOR-1221	ug/kg	SW8082		R	34	UJ	34	UJ	37	UJ	41	UJ	59	UJ
AROCLOR-1232	ug/kg	SW8082		R	34	UJ	34	UJ	37	UJ	41	UJ	59	UJ
AROCLOR-1242	ug/kg	SW8082		R	34	UJ	34	UJ	37	UJ	41	UJ	59	UJ
AROCLOR-1248	ug/kg	SW8082		R	34	UJ	34	UJ	37	UJ	41	UJ	59	UJ
AROCLOR-1254	ug/kg	SW8082		R	34	UJ	34	UJ	37	UJ	41	UJ	59	UJ
AROCLOR-1260	ug/kg	SW8082		R	34	UJ	34	UJ	11	J	41	UJ	59	UJ
AROCLOR-1268	ug/kg	SW8082		R	34	UJ	34	UJ	37	UJ	41	UJ	59	UJ
PCBS, N.O.S.	ug/kg	SW8082		R	34	UJ	34	UJ	11	J	41	UJ	59	UJ
1,2,3-TRICHLOROBENZENE	ug/kg	SW8260	12000	UJ	51000	UJ	13000	UJ	11000	UJ	9300	UJ	18	UJ
1,2,4-TRICHLOROBENZENE	ug/kg	SW8260	12000	UJ	51000	UJ	13000	UJ	11000	UJ	9300	UJ	18	UJ
1,2-DICHLOROBENZENE	ug/kg	SW8260	9100	J	51000	UJ	13000	UJ	11000	UJ	9300	UJ	18	UJ
1,3,5-TRICHLOROBENZENE	ug/kg	SW8260	12000	UJ	51000	UJ	13000	UJ	11000	UJ	9300	UJ	18	UJ
1,3-DICHLOROBENZENE	ug/kg	SW8260	12000	UJ	51000	UJ	13000	UJ	11000	UJ	9300	UJ	18	UJ
1,4-DICHLOROBENZENE	ug/kg	SW8260	12000	J	51000	UJ	13000	UJ	11000	UJ	9300	UJ	18	UJ
BENZENE	ug/kg	SW8260	9000	J	84000	J	6300	J	3200	J	9300	UJ	4.7	J
CHLOROBENZENE	ug/kg	SW8260	5100	J	51000	UJ	13000	UJ	11000	UJ	9300	UJ	18	UJ
ETHYLBENZENE	ug/kg	SW8260	2500	J	16000	J	4300	J	3500	J	1500	J	18	UJ
NAPHTHALENE	ug/kg	SW8260	210000	J	1300000	J	340000	J	200000	J	160000	J	47	J
TOLUENE	ug/kg	SW8260	8200	J	220000	J	35000	J	18000	J	2900	J	7.3	J
XYLENES, TOTAL	ug/kg	SW8260	78000	J	410000	J	100000	J	85000	J	44000	J	23	J
ACENAPHTHENE	ug/kg	SW8270	1200	J	6300	J	12000	J	10000	J	11000	J	52	J
ACENAPHTHYLENE	ug/kg	SW8270	3500	J	3900	J	3200	J	2600	J	4300	J	19	J
ANTHRACENE	ug/kg	SW8270	3200	J	14000	J	12000	J	10000	J	15000	J	60	J
BENZO(A)ANTHRACENE	ug/kg	SW8270	2200	J	7700	J	7000	J	6200	J	13000	J	76	J
BENZO(A)PYRENE	ug/kg	SW8270	1500	J	3400	J	4000	J	3200	J	7500	J	55	J
BENZO(B)FLUORANTHENE	ug/kg	SW8270	2300	J	5700	J	5300	J	4200	J	11000	J	67	J
BENZO(G,H,I)PERYLENE	ug/kg	SW8270	930	J	1800	J	2000	J	1500	J	3600	J	40	J
BENZO(K)FLUORANTHENE	ug/kg	SW8270	720	J	2100	J	2100	J	1900	J	3700	J	29	J
CHRYSENE	ug/kg	SW8270	2400	J	8100	J	7500	J	6100	J	13000	J	79	J
DIBENZO(A,H)ANTHRACENE	ug/kg	SW8270	400	J	1300	J	1000	J	790	J	1600	J	12	J
FLUORANTHENE	ug/kg	SW8270	6000	J	21000	J	26000	J	23000	J	41000	J	170	J
FLUORENE	ug/kg	SW8270	400	UJ	1400	UJ	1400	UJ	750	UJ	21000	J	21	J
INDENO(1,2,3-CD)PYRENE	ug/kg	SW8270	980	J	2300	J	2200	J	1800	J	3800	J	36	J
PHENANTHRENE	ug/kg	SW8270	11000	J	55000	J	46000	J	41000	J	57000	J	230	J
PHENOL	ug/kg	SW8270	2000	J	1400	UJ	1400	UJ	750	UJ	820	UJ	330	J
PYRENE	ug/kg	SW8270	3600	J	10000	J	14000	J	12000	J	20000	J	100	J
SULFIDE	mg/kg	SW9030	272	J	588	J	133	J	108	J	74	UJ	108	UJ
pH	S.U.	SW9045	11.6		11.6		11.8		11.8		12.6		12.6	

Table 3A
Onondaga Lake Phase II Pre-Design Investigation
Summary of Sediment Analytical Results

		Location	OL-VC-10053A		OL-VC-10054		OL-VC-10054		OL-VC-10054		OL-VC-10054		OL-VC-10054	
		Sample Depth	16.5-19.8 Ft		0.0-3.3 Ft		3.3-6.6 Ft		3.3-6.6 Ft		6.6-9.9 Ft		9.9-13.2 Ft	
		Field Sample ID	OL-0148-13		OL-0136-13		OL-0136-14		OL-0136-15		OL-0136-16		OL-0136-17	
		Matrix	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
		Sample Purpose	Regular Sample		Regular Sample		Regular Sample		Field Duplicate		Regular Sample		Regular Sample	
		Sample Date	8/16/2006		8/11/2006		8/11/2006		8/11/2006		8/11/2006		8/11/2006	
		Sample Delivery Group	6H170202 C6H170222		6H120168 C6H120168		6H120168 C6H120168		6H120168 C6H120168		6H120168 C6H120168		6H120168 C6H120168	
Parameter Name	Units	Analytical Method												
SOLIDS, PERCENT	%	ASTM D2216	26.5		45		58.4		57.7		51.9		51	
SOLIDS, PERCENT	%	E160.3	24.2		51		53.4		52.2		48.8		47.2	
NITROGEN, AMMONIA (AS N)	mg/kg	E350.1	266	J	83.5	J	168	J	195	J	255	J	154	J
TOTAL ORGANIC CARBON	mg/kg	Lloyd Kahn	7220	J	44700	J	53800		64500		87600		46000	
MERCURY	mg/kg	SW7471	0.3	J	5.1		5.9		5.7		9	J	1.4	J
AROCLOR-1016	ug/kg	SW8082	68	UJ	32	UJ	31	UJ	32	UJ	34	UJ	35	UJ
AROCLOR-1221	ug/kg	SW8082	68	UJ	32	UJ	31	UJ	32	UJ	34	UJ	35	UJ
AROCLOR-1232	ug/kg	SW8082	68	UJ	32	UJ	31	UJ	32	UJ	34	UJ	35	UJ
AROCLOR-1242	ug/kg	SW8082	68	UJ	32	UJ	31	UJ	32	UJ	34	UJ	35	UJ
AROCLOR-1248	ug/kg	SW8082	68	UJ	32	UJ	31	UJ	32	UJ	34	UJ	35	UJ
AROCLOR-1254	ug/kg	SW8082	68	UJ	32	UJ	31	UJ	32	UJ	34	UJ	35	UJ
AROCLOR-1260	ug/kg	SW8082	68	UJ	32	UJ	31	UJ	32	UJ	34	UJ	35	UJ
AROCLOR-1268	ug/kg	SW8082	68	UJ	32	UJ	31	UJ	32	UJ	34	UJ	35	UJ
PCBS, N.O.S.	ug/kg	SW8082	68	UJ	32	UJ	31	UJ	32	UJ	34	UJ	35	UJ
1,2,3-TRICHLOROBENZENE	ug/kg	SW8260	21	UJ	4900	U	23000	U	9600	U	51000	UJ	26000	UJ
1,2,4-TRICHLOROBENZENE	ug/kg	SW8260	21	UJ	4900	U	23000	U	9600	U	51000	UJ	26000	UJ
1,2-DICHLOROBENZENE	ug/kg	SW8260	21	UJ	5200		25000		10000		51000	UJ	37000	J
1,3,5-TRICHLOROBENZENE	ug/kg	SW8260	21	UJ	4900	U	23000	U	9600	U	51000	UJ	26000	UJ
1,3-DICHLOROBENZENE	ug/kg	SW8260	21	UJ	4900	U	23000	U	9600	U	51000	UJ	26000	UJ
1,4-DICHLOROBENZENE	ug/kg	SW8260	21	UJ	4000	J	19000	J	8000	J	51000	UJ	28000	J
BENZENE	ug/kg	SW8260	21	UJ	2700	J	14000	J	5600	J	160000	J	20000	J
CHLOROBENZENE	ug/kg	SW8260	21	UJ	900	J	4000	J	1700	J	51000	UJ	6200	J
ETHYLBENZENE	ug/kg	SW8260	21	UJ	890	J	4500	J	1800	J	8900	J	6500	J
NAPHTHALENE	ug/kg	SW8260	8.2	J	92000		410000		170000		1100000	J	600000	J
TOLUENE	ug/kg	SW8260	21	UJ	9600		45000		19000		160000	J	69000	J
XYLENES, TOTAL	ug/kg	SW8260	62	UJ	19000		91000		38000		170000	J	140000	J
ACENAPHTHENE	ug/kg	SW8270	110	J	1100		2500		6600		27000	J	5200	J
ACENAPHTHYLENE	ug/kg	SW8270	30	J	3100		7700		20000		8000	J	4700	J
ANTHRACENE	ug/kg	SW8270	120	J	3100		10000	J	40000	J	43000	J	12000	J
BENZO(A)ANTHRACENE	ug/kg	SW8270	64	J	1900		7100	J	33000	J	21000	J	6400	J
BENZO(A)PYRENE	ug/kg	SW8270	50	J	1500		4600	J	21000	J	9100	J	3700	J
BENZO(B)FLUORANTHENE	ug/kg	SW8270	64	J	1800		5200	J	24000	J	13000	J	5200	J
BENZO(G,H,I)PERYLENE	ug/kg	SW8270	39	J	940		2500	J	11000	J	5100	J	2000	J
BENZO(K)FLUORANTHENE	ug/kg	SW8270	21	J	820		2400	J	9900	J	5300	J	1800	J
CHRYSENE	ug/kg	SW8270	72	J	2100		6200	J	28000	J	21000	J	6300	J
DIBENZO(A,H)ANTHRACENE	ug/kg	SW8270	12	J	380		1000	J	4200	J	3600	J	1100	J
FLUORANTHENE	ug/kg	SW8270	260	J	4100		14000	J	51000	J	46000	J	14000	J
FLUORENE	ug/kg	SW8270	24	J	2900		9800		27000		59000	J	710	UJ
INDENO(1,2,3-CD)PYRENE	ug/kg	SW8270	33	J	910		2500	J	11000	J	6200	J	2200	J
PHENANTHRENE	ug/kg	SW8270	550	J	8500		30000	J	95000	J	160000	J	38000	J
PHENOL	ug/kg	SW8270	750	J	3800		2000	J	6300	J	9500	J	6600	J
PYRENE	ug/kg	SW8270	150	J	3200		11000	J	45000	J	34000	J	12000	J
SULFIDE	mg/kg	SW9030	124	UJ	110		285		352		3510	J	119	J
pH	S.U.	SW9045	12.5		11		11.2		10.2		9.8		11.1	

Table 3A
Onondaga Lake Phase II Pre-Design Investigation
Summary of Sediment Analytical Results

		Location	OL-VC-10054		OL-VC-10054		OL-VC-10055		OL-VC-10055		OL-VC-10055		OL-VC-10055	
		Sample Depth	13.2-16.5 Ft		16.5-18.8 Ft		0.0-3.3 Ft		3.3-6.6 Ft		6.6-9.9 Ft		9.9-13.2 Ft	
		Field Sample ID	OL-0136-18		OL-0136-19		OL-0137-01		OL-0137-02		OL-0137-03		OL-0137-04	
		Matrix	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
		Sample Purpose	Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample	
		Sample Date	8/11/2006		8/11/2006		8/11/2006		8/11/2006		8/11/2006		8/11/2006	
		Sample Delivery Group	6H120168 C6H120168		6H120168 C6H120168		6H120149 C6H120149		6H120149 C6H120149		6H120149 C6H120149		6H120149 C6H120149	
Parameter Name	Units	Analytical Method												
SOLIDS, PERCENT	%	ASTM D2216	47.8		53.9		31.2		34.2		37.4		43.5	
SOLIDS, PERCENT	%	E160.3	49.3		54.5		29.4		31.2		37.6		41.6	
NITROGEN, AMMONIA (AS N)	mg/kg	E350.1	150	J	92.4	J	299	J	313	J	261	J	282	J
TOTAL ORGANIC CARBON	mg/kg	Lloyd Kahn	50900	J	43600		103000	J	62100	J	88100	J	90500	J
MERCURY	mg/kg	SW7471	1.2	J	2		0.61	J	0.68	J	0.55	J	0.94	J
AROCLOR-1016	ug/kg	SW8082	33	UJ	30	U	280	UJ	260	UJ	220	UJ	200	UJ
AROCLOR-1221	ug/kg	SW8082	33	UJ	30	U	280	UJ	260	UJ	220	UJ	200	UJ
AROCLOR-1232	ug/kg	SW8082	33	UJ	30	U	280	UJ	260	UJ	220	UJ	200	UJ
AROCLOR-1242	ug/kg	SW8082	33	UJ	30	U	280	UJ	260	UJ	220	UJ	200	UJ
AROCLOR-1248	ug/kg	SW8082	33	UJ	30	U	280	UJ	260	UJ	220	UJ	200	UJ
AROCLOR-1254	ug/kg	SW8082	33	UJ	30	U	280	UJ	260	UJ	220	UJ	200	UJ
AROCLOR-1260	ug/kg	SW8082	33	UJ	30	U	280	UJ	260	UJ	220	UJ	200	UJ
AROCLOR-1268	ug/kg	SW8082	33	UJ	30	U	280	UJ	260	UJ	220	UJ	200	UJ
PCBS, N.O.S.	ug/kg	SW8082	33	UJ	30	U	280	UJ	260	UJ	220	UJ	200	UJ
1,2,3-TRICHLOROBENZENE	ug/kg	SW8260	10000	UJ	23000	U	8500	UJ	12000	UJ	33000	UJ	30000	UJ
1,2,4-TRICHLOROBENZENE	ug/kg	SW8260	10000	UJ	23000	U	8500	UJ	12000	UJ	33000	UJ	30000	UJ
1,2-DICHLOROBENZENE	ug/kg	SW8260	11000	J	29000		1000	J	2100	J	9200	J	30000	UJ
1,3,5-TRICHLOROBENZENE	ug/kg	SW8260	10000	UJ	23000	U	8500	UJ	12000	UJ	33000	UJ	30000	UJ
1,3-DICHLOROBENZENE	ug/kg	SW8260	10000	UJ	23000	U	8500	UJ	12000	UJ	33000	UJ	30000	UJ
1,4-DICHLOROBENZENE	ug/kg	SW8260	9000	J	22000	J	2800	J	12000	J	15000	J	30000	UJ
BENZENE	ug/kg	SW8260	6100	J	15000	J	3400	J	3700	J	4100	J	30000	UJ
CHLOROBENZENE	ug/kg	SW8260	1900	J	4800	J	4200	J	3900	J	5300	J	30000	UJ
ETHYLBENZENE	ug/kg	SW8260	2000	J	5300	J	6200	J	3400	J	5300	J	30000	UJ
NAPHTHALENE	ug/kg	SW8260	180000	J	460000		160000	J	270000	J	660000	J	460000	J
TOLUENE	ug/kg	SW8260	21000	J	53000		9700	J	16000	J	12000	J	12000	J
XYLENES, TOTAL	ug/kg	SW8260	42000	J	110000		180000	J	100000	J	160000	J	87000	J
ACENAPHTHENE	ug/kg	SW8270	7200	J	27000		140	J	150	J	340	J	310	J
ACENAPHTHYLENE	ug/kg	SW8270	1800	J	4900		1500	J	2400	J	6200	J	6000	J
ANTHRACENE	ug/kg	SW8270	9300	J	16000		2100	J	1500	J	2900	J	2800	J
BENZO(A)ANTHRACENE	ug/kg	SW8270	4000	J	9100		240	J	210	J	530	J	480	J
BENZO(A)PYRENE	ug/kg	SW8270	2200	J	4300		120	J	110	J	310	J	260	J
BENZO(B)FLUORANTHENE	ug/kg	SW8270	2700	J	6100		150	J	220	J	370	J	340	J
BENZO(G,H,I)PERYLENE	ug/kg	SW8270	1100	J	2200		93	J	76	J	220	J	200	J
BENZO(K)FLUORANTHENE	ug/kg	SW8270	1400	J	2600		100	J	110	UJ	190	J	190	J
CHRYSENE	ug/kg	SW8270	4300	J	9000		560	J	460	J	880	J	860	J
DIBENZO(A,H)ANTHRACENE	ug/kg	SW8270	660	J	800	J	230	UJ	23	J	60	J	56	J
FLUORANTHENE	ug/kg	SW8270	11000	J	27000		930	J	910	J	1700	J	2000	J
FLUORENE	ug/kg	SW8270	680	UJ	26000		230	UJ	110	UJ	180	UJ	160	UJ
INDENO(1,2,3-CD)PYRENE	ug/kg	SW8270	1400	J	2200		79	J	64	J	200	J	180	J
PHENANTHRENE	ug/kg	SW8270	34000	J	74000		2400	J	2500	J	3800	J	4800	J
PHENOL	ug/kg	SW8270	2000	J	530	J	5100	J	3900	J	4100	J	5300	J
PYRENE	ug/kg	SW8270	9100	J	21000		1000	J	730	J	1400	J	1500	J
SULFIDE	mg/kg	SW9030	130	J	132		218	J	180	J	128	J	72.1	UJ
pH	S.U.	SW9045	11.1		11.2		11.8		11.9		11.8		11.7	

Table 3A
Onondaga Lake Phase II Pre-Design Investigation
Summary of Sediment Analytical Results

		Location	OL-VC-10055		OL-VC-10055		OL-VC-10056		OL-VC-10056		OL-VC-10056		OL-VC-10056	
		Sample Depth	13.2-16.5 Ft		16.5-18.9 Ft		0.0-3.3 Ft		3.3-6.6 Ft		6.6-9.9 Ft		9.9-13.2 Ft	
		Field Sample ID	OL-0137-05		OL-0137-06		OL-0136-07		OL-0136-08		OL-0136-09		OL-0136-10	
		Matrix	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
		Sample Purpose	Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample	
		Sample Date	8/11/2006		8/11/2006		8/11/2006		8/11/2006		8/11/2006		8/11/2006	
		Sample Delivery Group	6H120149 C6H120149		6H120149 C6H120149		6H120168 C6H120168		6H120168 C6H120168		6H120168 C6H120168		6H120168 C6H120168	
Parameter Name	Units	Analytical Method												
SOLIDS, PERCENT	%	ASTM D2216	35.8		38.2		38.6		48.3		52.7		44.4	
SOLIDS, PERCENT	%	E160.3	35.5		37.6		38.4		46.8		49.3		40.8	
NITROGEN, AMMONIA (AS N)	mg/kg	E350.1	388		338	J	129	J	196	J	189	J	278	J
TOTAL ORGANIC CARBON	mg/kg	Lloyd Kahn	92100	J	95900	J	62500	J	44800	J	48300		50800	J
MERCURY	mg/kg	SW7471	0.85	J	0.59	J	0.65	J	1.5	J	3.9	J	0.82	J
AROCLOR-1016	ug/kg	SW8082	230	UJ	220	UJ	43	UJ	35	UJ	33	UJ	40	UJ
AROCLOR-1221	ug/kg	SW8082	230	UJ	220	UJ	43	UJ	35	UJ	33	UJ	40	UJ
AROCLOR-1232	ug/kg	SW8082	230	UJ	220	UJ	43	UJ	35	UJ	33	UJ	40	UJ
AROCLOR-1242	ug/kg	SW8082	230	UJ	220	UJ	43	UJ	35	UJ	33	UJ	40	UJ
AROCLOR-1248	ug/kg	SW8082	230	UJ	220	UJ	43	UJ	35	UJ	33	UJ	40	UJ
AROCLOR-1254	ug/kg	SW8082	230	UJ	220	UJ	43	UJ	35	UJ	33	UJ	40	UJ
AROCLOR-1260	ug/kg	SW8082	230	UJ	220	UJ	43	UJ	35	UJ	33	UJ	40	UJ
AROCLOR-1268	ug/kg	SW8082	230	UJ	220	UJ	43	UJ	35	UJ	33	UJ	40	UJ
PCBS, N.O.S.	ug/kg	SW8082	230	UJ	220	UJ	43	UJ	35	UJ	33	UJ	40	UJ
1,2,3-TRICHLOROBENZENE	ug/kg	SW8260	3500	UJ	3300	UJ	16000	UJ	5300	UJ	25000	UJ	6100	UJ
1,2,4-TRICHLOROBENZENE	ug/kg	SW8260	3500	UJ	3300	UJ	16000	UJ	5300	UJ	5100	J	1200	J
1,2-DICHLOROBENZENE	ug/kg	SW8260	1800	J	6600	J	22000	J	3700	J	37000	J	7800	J
1,3,5-TRICHLOROBENZENE	ug/kg	SW8260	3500	UJ	3300	UJ	16000	UJ	5300	UJ	25000	UJ	6100	UJ
1,3-DICHLOROBENZENE	ug/kg	SW8260	3500	UJ	3300	UJ	16000	UJ	5300	UJ	25000	UJ	6100	UJ
1,4-DICHLOROBENZENE	ug/kg	SW8260	4700	J	12000	J	17000	J	5800	J	27000	J	5900	J
BENZENE	ug/kg	SW8260	1900	J	1600	J	10000	J	3200	J	19000	J	4000	J
CHLOROBENZENE	ug/kg	SW8260	2800	J	2700	J	3900	J	14000	J	5900	J	1300	J
ETHYLBENZENE	ug/kg	SW8260	4800	J	2200	J	3900	J	2600	J	6300	J	1400	J
NAPHTHALENE	ug/kg	SW8260	79000	J	93000	J	380000	J	140000	J	630000	J	120000	J
TOLUENE	ug/kg	SW8260	21000	J	9400	J	39000	J	10000	J	66000	J	14000	J
XYLENES, TOTAL	ug/kg	SW8260	110000	J	56000	J	78000	J	75000	J	130000	J	29000	J
ACENAPHTHENE	ug/kg	SW8270	100	J	97	J	130	J	180	J	370	J	140	J
ACENAPHTHYLENE	ug/kg	SW8270	710	J	930	J	1300	J	1300	J	3500	J	680	J
ANTHRACENE	ug/kg	SW8270	1100	J	1400	J	1900	J	2100	J	3500	J	740	J
BENZO(A)ANTHRACENE	ug/kg	SW8270	270	J	220	J	290	J	1500	J	1100	J	430	J
BENZO(A)PYRENE	ug/kg	SW8270	140	J	130	J	130	J	1200	J	720	J	280	J
BENZO(B)FLUORANTHENE	ug/kg	SW8270	230	J	150	J	180	J	1500	J	940	J	370	J
BENZO(G,H,I)PERYLENE	ug/kg	SW8270	93	J	100	J	70	J	720	J	500	J	190	J
BENZO(K)FLUORANTHENE	ug/kg	SW8270	110	J	100	J	110	J	560	J	550	J	160	J
CHRYSENE	ug/kg	SW8270	440	J	430	J	600	J	1900	J	1400	J	530	J
DIBENZO(A,H)ANTHRACENE	ug/kg	SW8270	190	UJ	38	J	44	J	270	J	250	J	69	J
FLUORANTHENE	ug/kg	SW8270	1000	J	890	J	1000	J	2900	J	2700	J	840	J
FLUORENE	ug/kg	SW8270	190	UJ	180	UJ	170	UJ	280	UJ	680	UJ	160	UJ
INDENO(1,2,3-CD)PYRENE	ug/kg	SW8270	87	J	100	J	73	J	650	J	490	J	170	J
PHENANTHRENE	ug/kg	SW8270	1900	J	2200	J	3400	J	4000	J	6600	J	1700	J
PHENOL	ug/kg	SW8270	7300	J	4800	J	2700	J	4300	J	2000	J	4400	J
PYRENE	ug/kg	SW8270	920	J	840	J	800	J	2400	J	2100	J	770	J
SULFIDE	mg/kg	SW9030	113	J	191	J	41.7	J	137	J	178	J	118	J
pH	S.U.	SW9045	11.8		11.6		11.2		11.1		11.1		11.3	

Table 3A
Onondaga Lake Phase II Pre-Design Investigation
Summary of Sediment Analytical Results

		Location	OL-VC-10056		OL-VC-10056		OL-VC-10057		OL-VC-10057		OL-VC-10057		OL-VC-10057	
		Sample Depth	13.2-16.5 Ft		16.5-19.2 Ft		0.0-3.3 Ft		3.3-6.6 Ft		6.6-9.9 Ft		9.9-13.2 Ft	
		Field Sample ID	OL-0136-11		OL-0136-12		OL-0138-07		OL-0138-08		OL-0138-09		OL-0138-10	
		Matrix	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
		Sample Purpose	Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample	
		Sample Date	8/11/2006		8/11/2006		8/12/2006		8/12/2006		8/12/2006		8/12/2006	
		Sample Delivery Group	6H120168 C6H120168		6H120168 C6H120168		6H150220 C6H150215		6H150220 C6H150215		6H150220 C6H150215		6H150220 C6H150215	
Parameter Name	Units	Analytical Method												
SOLIDS, PERCENT	%	ASTM D2216	41.7		46.2		36.8		36.1		38.7		41.5	
SOLIDS, PERCENT	%	E160.3	41		43.3		36.9		32.9		36		40	
NITROGEN, AMMONIA (AS N)	mg/kg	E350.1	261	J	255	J	97.2	J	141	J	207	J	170	J
TOTAL ORGANIC CARBON	mg/kg	Lloyd Kahn	46400	J	52700	J	42500	J	46000	J	58000	J	48600	J
MERCURY	mg/kg	SW7471	0.72	J	0.77	J	0.83	J	0.89	J	0.53	J	0.74	J
AROCLOR-1016	ug/kg	SW8082	40	UJ	38	UJ	45	UJ	50	UJ	46	UJ	41	UJ
AROCLOR-1221	ug/kg	SW8082	40	UJ	38	UJ	45	UJ	50	UJ	46	UJ	41	UJ
AROCLOR-1232	ug/kg	SW8082	40	UJ	38	UJ	45	UJ	50	UJ	46	UJ	41	UJ
AROCLOR-1242	ug/kg	SW8082	40	UJ	38	UJ	45	UJ	50	UJ	46	UJ	41	UJ
AROCLOR-1248	ug/kg	SW8082	40	UJ	38	UJ	45	UJ	50	UJ	46	UJ	41	UJ
AROCLOR-1254	ug/kg	SW8082	40	UJ	38	UJ	45	UJ	50	UJ	46	UJ	41	UJ
AROCLOR-1260	ug/kg	SW8082	40	UJ	38	UJ	45	UJ	130	J	28	J	41	UJ
AROCLOR-1268	ug/kg	SW8082	40	UJ	38	UJ	45	UJ	50	UJ	46	UJ	41	UJ
PCBS, N.O.S.	ug/kg	SW8082	40	UJ	38	UJ	45	UJ	130	J	28	J	41	UJ
1,2,3-TRICHLOROBENZENE	ug/kg	SW8260	6100	UJ	12000000	UJ	6800	UJ	15000	UJ	6900	UJ	3100	UJ
1,2,4-TRICHLOROBENZENE	ug/kg	SW8260	1100	J	12000000	UJ	6800	UJ	15000	UJ	6900	UJ	3100	UJ
1,2-DICHLOROBENZENE	ug/kg	SW8260	8600	J	14000000	J	8600	J	18000	J	7600	J	4300	J
1,3,5-TRICHLOROBENZENE	ug/kg	SW8260	6100	UJ	12000000	UJ	6800	UJ	15000	UJ	6900	UJ	3100	UJ
1,3-DICHLOROBENZENE	ug/kg	SW8260	6100	UJ	12000000	UJ	6800	UJ	15000	UJ	6900	UJ	3100	UJ
1,4-DICHLOROBENZENE	ug/kg	SW8260	6500	J	11000000	J	6600	J	14000	J	5700	J	3300	J
BENZENE	ug/kg	SW8260	4400	J	7200000	J	3600	J	7500	J	3200	J	1800	J
CHLOROBENZENE	ug/kg	SW8260	1400	J	2300000	J	1300	J	2700	J	1100	J	660	J
ETHYLBENZENE	ug/kg	SW8260	1500	J	2400000	J	1300	J	2900	J	1200	J	670	J
NAPHTHALENE	ug/kg	SW8260	150000	J	230000000	J	130000	J	280000	J	130000	J	69000	J
TOLUENE	ug/kg	SW8260	16000	J	26000000	J	13000	J	28000	J	12000	J	6800	J
XYLENES, TOTAL	ug/kg	SW8260	31000	J	52000000	J	27000	J	58000	J	24000	J	14000	J
ACENAPHTHENE	ug/kg	SW8270	420	J	360	J	110	J	630	J	140	J	110	J
ACENAPHTHYLENE	ug/kg	SW8270	1900	J	2400	J	1100	J	3100	J	1100	J	890	J
ANTHRACENE	ug/kg	SW8270	1600	J	1600	J	1900	J	2600	J	2100	J	1600	J
BENZO(A)ANTHRACENE	ug/kg	SW8270	390	J	360	J	320	J	480	J	290	J	550	J
BENZO(A)PYRENE	ug/kg	SW8270	230	J	240	J	170	J	130	J	170	J	350	J
BENZO(B)FLUORANTHENE	ug/kg	SW8270	290	J	300	J	220	J	230	J	210	J	420	J
BENZO(G,H,I)PERYLENE	ug/kg	SW8270	150	J	150	J	110	J	67	J	95	J	190	J
BENZO(K)FLUORANTHENE	ug/kg	SW8270	180	J	170	J	130	J	120	J	110	J	230	J
CHRYSENE	ug/kg	SW8270	610	J	500	J	580	J	670	J	500	J	750	J
DIBENZO(A,H)ANTHRACENE	ug/kg	SW8270	78	J	75	J	39	J	63	J	56	J	71	J
FLUORANTHENE	ug/kg	SW8270	1100	J	1100	J	1000	J	1800	J	1100	J	1700	J
FLUORENE	ug/kg	SW8270	330	UJ	310	UJ	180	UJ	200	UJ	190	UJ	170	UJ
INDENO(1,2,3-CD)PYRENE	ug/kg	SW8270	150	J	150	J	96	J	80	J	88	J	190	J
PHENANTHRENE	ug/kg	SW8270	3700	J	4000	J	2700	J	5500	J	3400	J	2800	J
PHENOL	ug/kg	SW8270	8500	J	5100	J	1400	J	2600	J	3200	J	3200	J
PYRENE	ug/kg	SW8270	1200	J	930	J	940	J	1600	J	1100	J	1500	J
SULFIDE	mg/kg	SW9030	58.5	J	92.3	J	86.8	J	48.6	J	83.3	UJ	200	J
pH	S.U.	SW9045	11.3		11.2		12		12.1		12		11.9	

Table 3A
Onondaga Lake Phase II Pre-Design Investigation
Summary of Sediment Analytical Results

		Location	OL-VC-10057		OL-VC-10057		OL-VC-10057A		OL-VC-10057A		OL-VC-10057A		OL-VC-10057A	
		Sample Depth	13.2-16.5 Ft		16.5-19.5 Ft		0.0-3.3 Ft		3.3-6.6 Ft		3.3-6.6 Ft		6.6-9.9 Ft	
		Field Sample ID	OL-0138-11		OL-0138-12		OL-0138-13		OL-0138-14		OL-0138-15		OL-0138-16	
		Matrix	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
		Sample Purpose	Regular Sample		Regular Sample		Regular Sample		Regular Sample		Field Duplicate		Regular Sample	
		Sample Date	8/12/2006		8/12/2006		8/12/2006		8/12/2006		8/12/2006		8/12/2006	
		Sample Delivery Group	6H150220 C6H150215		6H150220 C6H150215		6H150220 C6H150215		6H150220 C6H150215		6H150220 C6H150215		6H150220 C6H150215	
Parameter Name	Units	Analytical Method												
SOLIDS, PERCENT	%	ASTM D2216	44.4		44.8		34.2		35.2		35.6		40.6	
SOLIDS, PERCENT	%	E160.3	43.3		43.7		32.8		36.7		33.8		39.9	
NITROGEN, AMMONIA (AS N)	mg/kg	E350.1	174	J	252	J	95.6	J	154	J	171	J	208	J
TOTAL ORGANIC CARBON	mg/kg	Lloyd Kahn	49000	J	34300	J	45100	J	66700	J	69900	J	58200	J
MERCURY	mg/kg	SW7471	0.65	J	0.93	J	0.55	J	0.86	J	0.87	J	0.55	J
AROCLOR-1016	ug/kg	SW8082	38	UJ	38	UJ	50	UJ	45	UJ	49	UJ	41	UJ
AROCLOR-1221	ug/kg	SW8082	38	UJ	38	UJ	50	UJ	45	UJ	49	UJ	41	UJ
AROCLOR-1232	ug/kg	SW8082	38	UJ	38	UJ	50	UJ	45	UJ	49	UJ	41	UJ
AROCLOR-1242	ug/kg	SW8082	38	UJ	38	UJ	50	UJ	45	UJ	49	UJ	41	UJ
AROCLOR-1248	ug/kg	SW8082	38	UJ	38	UJ	50	UJ	45	UJ	49	UJ	41	UJ
AROCLOR-1254	ug/kg	SW8082	38	UJ	38	UJ	50	UJ	45	UJ	49	UJ	41	UJ
AROCLOR-1260	ug/kg	SW8082	18	J	13	J	47	J	18	J	34	J	41	UJ
AROCLOR-1268	ug/kg	SW8082	38	UJ	38	UJ	50	UJ	45	UJ	49	UJ	41	UJ
PCBS, N.O.S.	ug/kg	SW8082	18	J	13	J	47	J	18	J	34	J	41	UJ
1,2,3-TRICHLOROBENZENE	ug/kg	SW8260	2900	UJ	5700	UJ	7600	UJ	68000	UJ	37000	UJ	3100	UJ
1,2,4-TRICHLOROBENZENE	ug/kg	SW8260	2900	UJ	5700	UJ	7600	UJ	68000	UJ	37000	UJ	3100	UJ
1,2-DICHLOROBENZENE	ug/kg	SW8260	3800	J	8300	J	10000	J	84000	J	100000	J	1300	J
1,3,5-TRICHLOROBENZENE	ug/kg	SW8260	2900	UJ	5700	UJ	7600	UJ	68000	UJ	37000	UJ	3100	UJ
1,3-DICHLOROBENZENE	ug/kg	SW8260	2900	UJ	5700	UJ	7600	UJ	68000	UJ	37000	UJ	3100	UJ
1,4-DICHLOROBENZENE	ug/kg	SW8260	2900	J	6400	J	7500	J	160000	J	200000	J	2300	J
BENZENE	ug/kg	SW8260	1600	J	3300	J	4100	J	83000	J	78000	J	4000	J
CHLOROBENZENE	ug/kg	SW8260	680	J	1200	J	1500	J	1400000	J	1300000	J	2700	J
ETHYLBENZENE	ug/kg	SW8260	480	J	1300	J	1500	J	31000	J	31000	J	3100	UJ
NAPHTHALENE	ug/kg	SW8260	70000	J	130000	J	170000	J	800000	J	730000	J	67000	J
TOLUENE	ug/kg	SW8260	5300	J	13000	J	15000	J	180000	J	170000	J	19000	J
XYLENES, TOTAL	ug/kg	SW8260	11000	J	26000	J	31000	J	780000	J	760000	J	98000	J
ACENAPHTHENE	ug/kg	SW8270	200	J	85	J	120	J	350	J	410	J	140	J
ACENAPHTHYLENE	ug/kg	SW8270	1600	J	690	J	1800	J	2100	J	2300	J	1100	J
ANTHRACENE	ug/kg	SW8270	1800	J	1600	J	2300	J	2000	J	1600	J	1700	J
BENZO(A)ANTHRACENE	ug/kg	SW8270	380	J	330	J	280	J	500	J	520	J	440	J
BENZO(A)PYRENE	ug/kg	SW8270	270	J	200	J	130	J	160	J	220	J	300	J
BENZO(B)FLUORANTHENE	ug/kg	SW8270	370	J	270	J	190	J	240	J	330	J	340	J
BENZO(G,H,I)PERYLENE	ug/kg	SW8270	180	J	130	J	95	J	88	J	130	J	170	J
BENZO(K)FLUORANTHENE	ug/kg	SW8270	200	J	140	J	100	J	150	J	150	J	150	J
CHRYSENE	ug/kg	SW8270	700	J	530	J	560	J	600	J	580	J	610	J
DIBENZO(A,H)ANTHRACENE	ug/kg	SW8270	73	J	57	J	43	J	82	J	67	J	54	J
FLUORANTHENE	ug/kg	SW8270	1000	J	910	J	1000	J	1600	J	1300	J	2000	J
FLUORENE	ug/kg	SW8270	150	UJ	150	UJ	200	UJ	180	UJ	1200	J	170	UJ
INDENO(1,2,3-CD)PYRENE	ug/kg	SW8270	170	J	120	J	73	J	120	J	140	J	150	J
PHENANTHRENE	ug/kg	SW8270	2300	J	2000	J	3000	J	4700	J	3800	J	3500	J
PHENOL	ug/kg	SW8270	3400	J	7800	J	3200	J	1100	J	1500	J	4900	J
PYRENE	ug/kg	SW8270	930	J	830	J	1000	J	1200	J	1200	J	1500	J
SULFIDE	mg/kg	SW9030	185	J	91.6	J	48.8	J	81.7	UJ	47.4	J	60.2	J
pH	S.U.	SW9045	11.8		11.6		11.6		11.6		11.6		11.5	

Table 3A
Onondaga Lake Phase II Pre-Design Investigation
Summary of Sediment Analytical Results

		Location	OL-VC-10057A		OL-VC-10057A		OL-VC-10057A		OL-VC-10058		OL-VC-10058		OL-VC-10058	
		Sample Depth	9.9-13.2 Ft		13.2-16.5 Ft		16.5-19.7 Ft		0.0-3.3 Ft		3.3-6.6 Ft		6.6-9.9 Ft	
		Field Sample ID	OL-0138-17		OL-0138-18		OL-0138-19		OL-0141-01		OL-0141-02		OL-0141-03	
		Matrix	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
		Sample Purpose	Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample	
		Sample Date	8/12/2006		8/12/2006		8/12/2006		8/14/2006		8/14/2006		8/14/2006	
		Sample Delivery Group	6H150220 C6H150215		6H150220 C6H150215		6H150220 C6H150215		6H150227 C6H150224		6H150227 C6H150224		6H150227 C6H150224	
Parameter Name	Units	Analytical Method												
SOLIDS, PERCENT	%	ASTM D2216	45		46.7		42.6		47.7		34.6		34.7	
SOLIDS, PERCENT	%	E160.3	40.6		44.7		41.8		47.5		33.4		35.2	
NITROGEN, AMMONIA (AS N)	mg/kg	E350.1	216	J	210	J	333	J	119	J	122	J	309	J
TOTAL ORGANIC CARBON	mg/kg	Lloyd Kahn	61500	J	36500	J	31900	J	95100	J	82000	J	89200	J
MERCURY	mg/kg	SW7471	0.75	J	0.92	J	0.47	J	2.2	J	0.85	J	0.71	J
AROCLOR-1016	ug/kg	SW8082	41	UJ	37	UJ	39	UJ	35	UJ	49	UJ	47	UJ
AROCLOR-1221	ug/kg	SW8082	41	UJ	37	UJ	39	UJ	35	UJ	49	UJ	47	UJ
AROCLOR-1232	ug/kg	SW8082	41	UJ	37	UJ	39	UJ	35	UJ	49	UJ	47	UJ
AROCLOR-1242	ug/kg	SW8082	41	UJ	37	UJ	39	UJ	35	UJ	49	UJ	47	UJ
AROCLOR-1248	ug/kg	SW8082	41	UJ	37	UJ	39	UJ	35	UJ	49	UJ	47	UJ
AROCLOR-1254	ug/kg	SW8082	41	UJ	37	UJ	39	UJ	35	UJ	49	UJ	47	UJ
AROCLOR-1260	ug/kg	SW8082	41	UJ	37	UJ	39	UJ	35	UJ	59	J	47	UJ
AROCLOR-1268	ug/kg	SW8082	41	UJ	37	UJ	39	UJ	35	UJ	49	UJ	47	UJ
PCBS, N.O.S.	ug/kg	SW8082	41	UJ	37	UJ	39	UJ	35	UJ	59	J	47	UJ
1,2,3-TRICHLOROBENZENE	ug/kg	SW8260	3100	UJ	5600	UJ	12000	UJ	5300	UJ	7500	UJ	14000	UJ
1,2,4-TRICHLOROBENZENE	ug/kg	SW8260	830	J	5600	UJ	12000	UJ	5300	J	2800	J	14000	UJ
1,2-DICHLOROBENZENE	ug/kg	SW8260	11000	J	11000	J	18000	J	85000	J	30000	J	20000	J
1,3,5-TRICHLOROBENZENE	ug/kg	SW8260	3100	UJ	5600	UJ	12000	UJ	5300	UJ	7500	UJ	14000	UJ
1,3-DICHLOROBENZENE	ug/kg	SW8260	3100	UJ	5600	UJ	12000	UJ	5300	UJ	7500	UJ	14000	UJ
1,4-DICHLOROBENZENE	ug/kg	SW8260	12000	J	6700	J	9700	J	74000	J	33000	J	26000	J
BENZENE	ug/kg	SW8260	4200	J	7600	J	4600	J	2100	J	5600	J	3400	J
CHLOROBENZENE	ug/kg	SW8260	3100	J	17000	J	21000	J	6700	J	21000	J	15000	J
ETHYLBENZENE	ug/kg	SW8260	3100	UJ	5600	UJ	12000	UJ	2800	J	6700	J	4100	J
NAPHTHALENE	ug/kg	SW8260	84000	J	200000	J	180000	J	140000	J	300000	J	330000	J
TOLUENE	ug/kg	SW8260	11000	J	10000	J	16000	J	6800	J	20000	J	6700	J
XYLENES, TOTAL	ug/kg	SW8260	47000	J	40000	J	81000	J	78000	J	160000	J	100000	J
ACENAPHTHENE	ug/kg	SW8270	74	J	120	J	160	UJ	180	J	200	J	270	J
ACENAPHTHYLENE	ug/kg	SW8270	980	J	1100	J	180	J	1300	J	1400	J	2100	J
ANTHRACENE	ug/kg	SW8270	1400	J	1200	J	300	J	810	J	960	J	2100	J
BENZO(A)ANTHRACENE	ug/kg	SW8270	200	J	340	J	92	J	320	J	390	J	740	J
BENZO(A)PYRENE	ug/kg	SW8270	120	J	190	J	160	UJ	200	J	260	J	370	J
BENZO(B)FLUORANTHENE	ug/kg	SW8270	160	J	260	J	62	J	270	J	360	J	600	J
BENZO(G,H,I)PERYLENE	ug/kg	SW8270	76	J	120	J	160	UJ	140	J	180	J	250	J
BENZO(K)FLUORANTHENE	ug/kg	SW8270	94	J	140	J	160	UJ	140	J	170	J	280	J
CHRYSENE	ug/kg	SW8270	410	J	610	J	130	J	450	J	570	J	980	J
DIBENZO(A,H)ANTHRACENE	ug/kg	SW8270	43	J	42	J	160	UJ	51	J	58	J	120	J
FLUORANTHENE	ug/kg	SW8270	760	J	740	J	270	J	810	J	950	J	1700	J
FLUORENE	ug/kg	SW8270	160	UJ	150	UJ	160	UJ	140	UJ	760	J	1700	J
INDENO(1,2,3-CD)PYRENE	ug/kg	SW8270	71	J	110	J	160	UJ	130	J	170	J	260	J
PHENANTHRENE	ug/kg	SW8270	1900	J	1700	J	520	J	2100	J	2100	J	4700	J
PHENOL	ug/kg	SW8270	3400	J	3900	J	8200	J	2300	J	7000	J	7900	J
PYRENE	ug/kg	SW8270	670	J	800	J	270	J	800	J	820	J	1400	J
SULFIDE	mg/kg	SW9030	217	J	107	J	38.3	J	33.7	J	89.9	UJ	90.9	J
pH	S.U.	SW9045	11.4		11.2		11.2		11.4		11.3		11.3	

Table 3A
Onondaga Lake Phase II Pre-Design Investigation
Summary of Sediment Analytical Results

		Location	OL-VC-10058		OL-VC-10058		OL-VC-10058		OL-VC-10058A		OL-VC-10058A		OL-VC-10058A	
		Sample Depth	9.9-13.2 Ft		13.2-16.5 Ft		16.5-19.8 Ft		0.0-3.3 Ft		3.3-6.6 Ft		9.9-13.2 Ft	
		Field Sample ID	OL-0141-04		OL-0141-05		OL-0141-06		OL-0141-07		OL-0141-08		OL-0141-09	
		Matrix	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
		Sample Purpose	Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample	
		Sample Date	8/14/2006		8/14/2006		8/14/2006		8/14/2006		8/14/2006		8/14/2006	
		Sample Delivery Group	6H150227 C6H150224		6H150227 C6H150224		6H150227 C6H150224		6H150227 C6H150224		6H150227 C6H150224		6H150227 C6H150224	
Parameter Name	Units	Analytical Method												
SOLIDS, PERCENT	%	ASTM D2216	40.5		54.2		54.3		49.3		32.2		48.8	
SOLIDS, PERCENT	%	E160.3	41.5		48.1		51.3		45.6		31.8		46	
NITROGEN, AMMONIA (AS N)	mg/kg	E350.1	300	J	510	J	173	J	187	J	430	J	425	J
TOTAL ORGANIC CARBON	mg/kg	Lloyd Kahn	97800	J	106000	J	111000	J	85000	J	50500	J	85600	J
MERCURY	mg/kg	SW7471	1	J	2.9	J	3.1		2.9	J	0.71	J	2	J
AROCLOR-1016	ug/kg	SW8082	40	UJ	34	UJ	32	U	36	UJ	52	UJ	36	UJ
AROCLOR-1221	ug/kg	SW8082	40	UJ	34	UJ	32	U	36	UJ	52	UJ	36	UJ
AROCLOR-1232	ug/kg	SW8082	40	UJ	34	UJ	32	U	36	UJ	52	UJ	36	UJ
AROCLOR-1242	ug/kg	SW8082	40	UJ	34	UJ	32	U	36	UJ	52	UJ	36	UJ
AROCLOR-1248	ug/kg	SW8082	40	UJ	34	UJ	32	U	36	UJ	52	UJ	36	UJ
AROCLOR-1254	ug/kg	SW8082	40	UJ	34	UJ	32	U	36	UJ	52	UJ	36	UJ
AROCLOR-1260	ug/kg	SW8082	40	UJ	34	UJ	32	U	36	UJ	52	UJ	36	UJ
AROCLOR-1268	ug/kg	SW8082	40	UJ	34	UJ	32	U	36	UJ	52	UJ	36	UJ
PCBS, N.O.S.	ug/kg	SW8082	40	UJ	34	UJ	32	U	36	UJ	52	UJ	36	UJ
1,2,3-TRICHLOROBENZENE	ug/kg	SW8260	6000	UJ	5200	UJ	24000	UJ	550	UJ	7900	UJ	5400	UJ
1,2,4-TRICHLOROBENZENE	ug/kg	SW8260	6000	UJ	5200	UJ	24000	U	560	J	7900	UJ	5400	UJ
1,2-DICHLOROBENZENE	ug/kg	SW8260	8100	J	3000	J	24000	U	3300	J	27000	J	3600	J
1,3,5-TRICHLOROBENZENE	ug/kg	SW8260	6000	UJ	5200	UJ	24000	U	550	UJ	7900	UJ	5400	UJ
1,3-DICHLOROBENZENE	ug/kg	SW8260	6000	UJ	5200	UJ	24000	U	270	J	7900	UJ	5400	UJ
1,4-DICHLOROBENZENE	ug/kg	SW8260	7900	J	4400	J	24000	U	3800	J	29000	J	5300	J
BENZENE	ug/kg	SW8260	17000	J	12000	J	83000		270	J	2000	J	13000	J
CHLOROBENZENE	ug/kg	SW8260	2700	J	910	J	24000	U	1700	J	16000	J	1400	J
ETHYLBENZENE	ug/kg	SW8260	3200	J	2300	J	7700	J	360	J	2700	J	2400	J
NAPHTHALENE	ug/kg	SW8260	160000	J	150000	J	830000	J	10000	J	280000	J	160000	J
TOLUENE	ug/kg	SW8260	5400	J	3500	J	140000		790	J	5300	J	3600	J
XYLENES, TOTAL	ug/kg	SW8260	80000	J	17000	J	180000		6900	J	85000	J	23000	J
ACENAPHTHENE	ug/kg	SW8270	570	J	3300	J	7900		93	J	180	J	1000	J
ACENAPHTHYLENE	ug/kg	SW8270	1800	J	4400	J	2900		300	J	2000	J	2500	J
ANTHRACENE	ug/kg	SW8270	2000	J	6600	J	14000		720	J	1400	J	2400	J
BENZO(A)ANTHRACENE	ug/kg	SW8270	860	J	4900	J	5300		340	J	400	J	1400	J
BENZO(A)PYRENE	ug/kg	SW8270	610	J	3000	J	2200		230	J	210	J	840	J
BENZO(B)FLUORANTHENE	ug/kg	SW8270	730	J	3500	J	3100		330	J	320	J	1100	J
BENZO(G,H,I)PERYLENE	ug/kg	SW8270	370	J	1700	J	1300		170	J	130	J	540	J
BENZO(K)FLUORANTHENE	ug/kg	SW8270	330	J	1500	J	1300		140	J	170	J	420	J
CHRYSENE	ug/kg	SW8270	1100	J	5300	J	5900		450	J	540	J	1600	J
DIBENZO(A,H)ANTHRACENE	ug/kg	SW8270	130	J	600	J	960	J	53	J	75	J	190	J
FLUORANTHENE	ug/kg	SW8270	1800	J	10000	J	14000		890	J	1000	J	3100	J
FLUORENE	ug/kg	SW8270	1200	J	6500	J	17000		150	UJ	210	UJ	2400	J
INDENO(1,2,3-CD)PYRENE	ug/kg	SW8270	340	J	1600	J	1600		150	J	150	J	500	J
PHENANTHRENE	ug/kg	SW8270	4900	J	20000	J	54000		1600	J	3200	J	8300	J
PHENOL	ug/kg	SW8270	9100	J	8300	J	3900		2800	J	5200	J	2700	J
PYRENE	ug/kg	SW8270	1600	J	8100	J	9800		920	J	820	J	2400	J
SULFIDE	mg/kg	SW9030	38.6	J	881	J	608		281	J	94.5	UJ	608	J
pH	S.U.	SW9045	11		9.6		10.3		11.1		11.2		10.2	

Table 3A
Onondaga Lake Phase II Pre-Design Investigation
Summary of Sediment Analytical Results

		Location	OL-VC-10058A		OL-VC-10058A		OL-VC-10058A		OL-VC-10059		OL-VC-10059		OL-VC-10059	
		Sample Depth	6.6-9.9 Ft		13.2-16.5 Ft		16.5-17.4 Ft		0.0-3.3 Ft		3.3-6.6 Ft		6.6-9.9 Ft	
		Field Sample ID	OL-0141-10		OL-0141-11		OL-0141-12		OL-0146-01		OL-0146-02		OL-0146-03	
		Matrix	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
		Sample Purpose	Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample	
		Sample Date	8/14/2006		8/14/2006		8/14/2006		8/16/2006		8/16/2006		8/16/2006	
		Sample Delivery Group	6H150227 C6H150224		6H150227 C6H150224		6H150227 C6H150224		68019453|6H1701 92 C6H170212		68019453|6H1701 92 C6H170212		68019453|6H1701 92 C6H170212	
Parameter Name	Units	Analytical Method												
SOLIDS, PERCENT	%	ASTM D2216	38.5		50		55.1		47.7		50.6		33.9	
SOLIDS, PERCENT	%	E160.3	38.7		50.4		53.2		40.4		46.8		30.2	
NITROGEN, AMMONIA (AS N)	mg/kg	E350.1	316	J	368	J	238	J	232	J	125	J	292	J
TOTAL ORGANIC CARBON	mg/kg	Lloyd Kahn	92100	J	110000		96200		41700	J	57400		19000	J
MERCURY	mg/kg	SW7471	1.1	J	5.3		1.1		2	J	1.6	J	1.1	J
AROCLOR-1016	ug/kg	SW8082	43	UJ	33	UJ	62	UJ	41	UJ	35	UJ	55	UJ
AROCLOR-1221	ug/kg	SW8082	43	UJ	33	UJ	62	UJ	41	UJ	35	UJ	55	UJ
AROCLOR-1232	ug/kg	SW8082	43	UJ	33	UJ	62	UJ	41	UJ	35	UJ	55	UJ
AROCLOR-1242	ug/kg	SW8082	43	UJ	33	UJ	62	UJ	41	UJ	35	UJ	55	UJ
AROCLOR-1248	ug/kg	SW8082	43	UJ	33	UJ	62	UJ	41	UJ	35	UJ	55	UJ
AROCLOR-1254	ug/kg	SW8082	43	UJ	33	UJ	62	UJ	41	UJ	35	UJ	55	UJ
AROCLOR-1260	ug/kg	SW8082	43	UJ	33	UJ	62	UJ	41	UJ	35	UJ	55	UJ
AROCLOR-1268	ug/kg	SW8082	43	UJ	33	UJ	62	UJ	41	UJ	35	UJ	55	UJ
PCBS, N.O.S.	ug/kg	SW8082	43	UJ	33	UJ	62	UJ	41	UJ	35	UJ	55	UJ
1,2,3-TRICHLOROBENZENE	ug/kg	SW8260	6500	UJ	15000	UJ	9400	UJ	3100	UJ	11000	UJ	8300	UJ
1,2,4-TRICHLOROBENZENE	ug/kg	SW8260	6500	UJ	15000	U	9400	U	3100	UJ	11000	UJ	8300	UJ
1,2-DICHLOROBENZENE	ug/kg	SW8260	12000	J	15000	U	9400	U	2500	J	7100	J	18000	J
1,3,5-TRICHLOROBENZENE	ug/kg	SW8260	6500	UJ	15000	U	9400	U	3100	UJ	11000	UJ	8300	UJ
1,3-DICHLOROBENZENE	ug/kg	SW8260	6500	UJ	15000	U	9400	U	3100	UJ	11000	UJ	8300	UJ
1,4-DICHLOROBENZENE	ug/kg	SW8260	14000	J	15000	U	9400	U	6500	J	10000	J	48000	J
BENZENE	ug/kg	SW8260	5200	J	50000		28000		2500	J	2500	J	2500	J
CHLOROBENZENE	ug/kg	SW8260	6800	J	15000	U	9400	U	16000	J	2500	J	140000	J
ETHYLBENZENE	ug/kg	SW8260	3200	J	7500	J	3500	J	3100	UJ	1600	J	8300	UJ
NAPHTHALENE	ug/kg	SW8260	190000	J	380000		300000		48000	J	370000	J	180000	J
TOLUENE	ug/kg	SW8260	5600	J	62000		55000		1300	J	6800	J	2000	J
XYLENES, TOTAL	ug/kg	SW8260	78000	J	91000		73000		7400	J	31000	J	28000	J
ACENAPHTHENE	ug/kg	SW8270	580	J	9000		8500		1800	J	360	J	130	J
ACENAPHTHYLENE	ug/kg	SW8270	1900	J	3100		2700		1400	J	610	J	730	J
ANTHRACENE	ug/kg	SW8270	2400	J	16000		13000		4900	J	1200	J	970	J
BENZO(A)ANTHRACENE	ug/kg	SW8270	690	J	7400		5700		5100	J	1100	J	190	J
BENZO(A)PYRENE	ug/kg	SW8270	440	J	3000		2500		3900	J	850	J	110	J
BENZO(B)FLUORANTHENE	ug/kg	SW8270	590	J	4200		3300		4400	J	1200	J	150	J
BENZO(G,H,I)PERYLENE	ug/kg	SW8270	310	J	1800		1400		1700	J	460	J	49	J
BENZO(K)FLUORANTHENE	ug/kg	SW8270	270	J	1800		1200		1700	J	490	J	220	UJ
CHRYSENE	ug/kg	SW8270	970	J	8200		5500		5300	J	1300	J	230	J
DIBENZO(A,H)ANTHRACENE	ug/kg	SW8270	100	J	1200	J	640		610	J	160	J	220	UJ
FLUORANTHENE	ug/kg	SW8270	1900	J	17000		15000		13000	J	2800	J	690	J
FLUORENE	ug/kg	SW8270	340	UJ	19000		14000		410	UJ	280	UJ	220	UJ
INDENO(1,2,3-CD)PYRENE	ug/kg	SW8270	290	J	2200		1400		1600	J	440	J	50	J
PHENANTHRENE	ug/kg	SW8270	5900	J	61000		43000		19000	J	3500	J	1500	J
PHENOL	ug/kg	SW8270	7400	J	3200		4000		3800	J	2500	J	4900	J
PYRENE	ug/kg	SW8270	1700	J	13000		13000		10000	J	2000	J	560	J
SULFIDE	mg/kg	SW9030	62	J	1920		166		63	U	51	U	78	U
pH	S.U.	SW9045	11		9.8		10.5		12		12		12.2	

Table 3A
Onondaga Lake Phase II Pre-Design Investigation
Summary of Sediment Analytical Results

		Location	OL-VC-10059		OL-VC-10059		OL-VC-10059		OL-VC-10060		OL-VC-10060		OL-VC-10060	
		Sample Depth	9.9-13.2 Ft		13.2-16.5 Ft		16.5-19.3 Ft		0.0-3.3 Ft		3.3-6.6 Ft		6.6-9.9 Ft	
		Field Sample ID	OL-0146-04		OL-0146-05		OL-0146-06		OL-0146-07		OL-0146-08		OL-0146-09	
		Matrix	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
		Sample Purpose	Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample	
		Sample Date	8/16/2006		8/16/2006		8/16/2006		8/16/2006		8/16/2006		8/16/2006	
		Sample Delivery Group	68019453|6H1701 92 C6H170212		68019453|6H1701 92 C6H170212		68019453|6H1701 92 C6H170212		68019453|6H1701 92 C6H170212		68019453|6H1701 92 C6H170212		68019453|6H1701 92 C6H170212	
Parameter Name	Units	Analytical Method												
SOLIDS, PERCENT	%	ASTM D2216	54.1		49.7		51.7		43.5		42.4		52	
SOLIDS, PERCENT	%	E160.3	42.9		45.6		49.7		39.8		40.2		46.7	
NITROGEN, AMMONIA (AS N)	mg/kg	E350.1	238	J	162	J	184	J	173	J	279	J	189	J
TOTAL ORGANIC CARBON	mg/kg	Lloyd Kahn	28100		46100	J	45500		59000	J	56900	J	62100	
MERCURY	mg/kg	SW7471	1.3	J	0.35	J	0.18	J	0.82	J	1.4	J	1.1	J
AROCLOR-1016	ug/kg	SW8082	39	UJ	36	UJ	33	UJ	42	UJ	41	UJ	35	UJ
AROCLOR-1221	ug/kg	SW8082	39	UJ	36	UJ	33	UJ	42	UJ	41	UJ	35	UJ
AROCLOR-1232	ug/kg	SW8082	39	UJ	36	UJ	33	UJ	42	UJ	41	UJ	35	UJ
AROCLOR-1242	ug/kg	SW8082	39	UJ	36	UJ	33	UJ	42	UJ	41	UJ	35	UJ
AROCLOR-1248	ug/kg	SW8082	39	UJ	36	UJ	150	J	42	UJ	41	UJ	35	UJ
AROCLOR-1254	ug/kg	SW8082	39	UJ	36	UJ	33	UJ	42	UJ	41	UJ	35	UJ
AROCLOR-1260	ug/kg	SW8082	39	UJ	36	UJ	33	UJ	42	UJ	41	UJ	35	UJ
AROCLOR-1268	ug/kg	SW8082	39	UJ	36	UJ	33	UJ	42	UJ	41	UJ	35	UJ
PCBS, N.O.S.	ug/kg	SW8082	39	UJ	36	UJ	150	J	42	UJ	41	UJ	35	UJ
1,2,3-TRICHLOROBENZENE	ug/kg	SW8260	2900	UJ	2700	UJ	500	UJ	3100	UJ	3100	UJ	11000	UJ
1,2,4-TRICHLOROBENZENE	ug/kg	SW8260	2900	UJ	600	J	500	UJ	3100	UJ	3100	UJ	2400	J
1,2-DICHLOROBENZENE	ug/kg	SW8260	9100	J	10000	J	130	J	10000	J	7900	J	24000	J
1,3,5-TRICHLOROBENZENE	ug/kg	SW8260	2900	UJ	2700	UJ	500	UJ	3100	UJ	3100	UJ	11000	UJ
1,3-DICHLOROBENZENE	ug/kg	SW8260	2900	UJ	2700	UJ	500	UJ	3100	UJ	3100	UJ	11000	UJ
1,4-DICHLOROBENZENE	ug/kg	SW8260	15000	J	14000	J	180	J	16000	J	12000	J	27000	J
BENZENE	ug/kg	SW8260	3900	J	4700	J	970	J	4100	J	4400	J	1700	J
CHLOROBENZENE	ug/kg	SW8260	37000	J	31000	J	150	J	40000	J	28000	J	17000	J
ETHYLBENZENE	ug/kg	SW8260	1600	J	2100	J	180	J	1800	J	3100	UJ	11000	UJ
NAPHTHALENE	ug/kg	SW8260	72000	J	77000	J	16000	J	77000	J	74000	J	410000	J
TOLUENE	ug/kg	SW8260	3800	J	4900	J	460	J	4100	J	3800	J	8200	J
XYLENES, TOTAL	ug/kg	SW8260	36000	J	46000	J	4600	J	39000	J	34000	J	68000	J
ACENAPHTHENE	ug/kg	SW8270	400	J	97	J	17	J	86	J	85	J	170	J
ACENAPHTHYLENE	ug/kg	SW8270	1600	J	400	J	120	J	840	J	650	J	1200	J
ANTHRACENE	ug/kg	SW8270	870	J	220	J	38	J	1300	J	1600	J	1600	J
BENZO(A)ANTHRACENE	ug/kg	SW8270	390	J	120	J	24	J	490	J	350	J	260	J
BENZO(A)PYRENE	ug/kg	SW8270	260	J	64	J	16	J	340	J	210	J	140	J
BENZO(B)FLUORANTHENE	ug/kg	SW8270	330	J	58	J	22	J	480	J	350	J	240	J
BENZO(G,H,I)PERYLENE	ug/kg	SW8270	110	J	23	J	7.2	J	180	J	110	J	76	J
BENZO(K)FLUORANTHENE	ug/kg	SW8270	130	J	73	UJ	7.5	J	190	J	150	J	110	J
CHRYSENE	ug/kg	SW8270	480	J	120	J	29	J	810	J	600	J	490	J
DIBENZO(A,H)ANTHRACENE	ug/kg	SW8270	40	J	73	UJ	34	UJ	53	J	170	UJ	140	UJ
FLUORANTHENE	ug/kg	SW8270	1000	J	270	J	64	J	1400	J	1400	J	1200	J
FLUORENE	ug/kg	SW8270	160	UJ	270	J	34	UJ	170	UJ	170	UJ	140	UJ
INDENO(1,2,3-CD)PYRENE	ug/kg	SW8270	110	J	21	J	6.7	J	170	J	100	J	70	J
PHENANTHRENE	ug/kg	SW8270	2500	J	710	J	130	J	2100	J	2500	J	2700	J
PHENOL	ug/kg	SW8270	2500	J	2700	J	760	J	5500	J	5700	J	2800	J
PYRENE	ug/kg	SW8270	860	J	280	J	50	J	1200	J	1100	J	920	J
SULFIDE	mg/kg	SW9030	57	U	55	U	54	U	60	U	63	U	45	U
pH	S.U.	SW9045	12.1		12.2		12.1		12.2		11.9		11.9	

Table 3A
Onondaga Lake Phase II Pre-Design Investigation
Summary of Sediment Analytical Results

		Location	OL-VC-10060		OL-VC-10060		OL-VC-10060		OL-VC-10060		OL-VC-10061		OL-VC-10061	
		Sample Depth	9.9-13.2 Ft		9.9-13.2 Ft		13.2-16.5 Ft		16.5-18.0 Ft		0.0-3.3 Ft		3.3-6.6 Ft	
		Field Sample ID	OL-0146-10		OL-0146-11		OL-0146-12		OL-0146-13		OL-0142-01		OL-0142-02	
		Matrix	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
		Sample Purpose	Regular Sample		Field Duplicate		Regular Sample		Regular Sample		Regular Sample		Regular Sample	
		Sample Date	8/16/2006		8/16/2006		8/16/2006		8/16/2006		8/15/2006		8/15/2006	
		Sample Delivery Group	68019453|6H1701 92 C6H170212		68019453|6H1701 92 C6H170212		68019453|6H1701 92 C6H170212		68019453|6H1701 92 C6H170212		6H160193 C6H160225		6H160193 C6H160225	
Parameter Name	Units	Analytical Method												
SOLIDS, PERCENT	%	ASTM D2216	43.2		43.8		41		45.2		37.7		38.7	
SOLIDS, PERCENT	%	E160.3	40.6		43.9		43.6		42.6		34.4		34.4	
NITROGEN, AMMONIA (AS N)	mg/kg	E350.1	237	J	183	J	187	J	192	J	237	J	294	J
TOTAL ORGANIC CARBON	mg/kg	Lloyd Kahn	50500	J	49900	J	38000	J	39700	J	47600	J	43900	J
MERCURY	mg/kg	SW7471	1	J	0.96	J	0.7	J	1.2	J	0.64	J	0.47	J
AROCLOR-1016	ug/kg	SW8082	41	UJ	38	UJ	38	UJ	39	UJ	48	UJ	48	UJ
AROCLOR-1221	ug/kg	SW8082	41	UJ	38	UJ	38	UJ	39	UJ	48	UJ	48	UJ
AROCLOR-1232	ug/kg	SW8082	41	UJ	38	UJ	38	UJ	39	UJ	48	UJ	48	UJ
AROCLOR-1242	ug/kg	SW8082	41	UJ	38	UJ	38	UJ	39	UJ	48	UJ	48	UJ
AROCLOR-1248	ug/kg	SW8082	41	UJ	38	UJ	38	UJ	39	UJ	48	UJ	48	UJ
AROCLOR-1254	ug/kg	SW8082	41	UJ	38	UJ	38	UJ	39	UJ	48	UJ	48	UJ
AROCLOR-1260	ug/kg	SW8082	41	UJ	38	UJ	38	UJ	39	UJ	48	UJ	48	UJ
AROCLOR-1268	ug/kg	SW8082	41	UJ	38	UJ	38	UJ	39	UJ	48	UJ	48	UJ
PCBS, N.O.S.	ug/kg	SW8082	41	UJ	38	UJ	38	UJ	39	UJ	48	UJ	48	UJ
1,2,3-TRICHLOROBENZENE	ug/kg	SW8260	3100	UJ	5700	UJ	11000	UJ	12000	UJ	1800	UJ	1800	UJ
1,2,4-TRICHLOROBENZENE	ug/kg	SW8260	3100	UJ	5700	UJ	11000	UJ	2700	J	460	J	1800	UJ
1,2-DICHLOROBENZENE	ug/kg	SW8260	5600	J	9300	J	19000	J	23000	J	5400	J	3500	J
1,3,5-TRICHLOROBENZENE	ug/kg	SW8260	3100	UJ	5700	UJ	11000	UJ	12000	UJ	1800	UJ	1800	UJ
1,3-DICHLOROBENZENE	ug/kg	SW8260	3100	UJ	5700	UJ	11000	UJ	12000	UJ	1800	UJ	1800	UJ
1,4-DICHLOROBENZENE	ug/kg	SW8260	15000	J	6700	J	16000	J	23000	J	12000	J	4800	J
BENZENE	ug/kg	SW8260	780	J	3500	J	37000	J	29000	J	1300	J	1400	J
CHLOROBENZENE	ug/kg	SW8260	44000	J	1500	J	14000	J	4400	J	7100	J	3100	J
ETHYLBENZENE	ug/kg	SW8260	3100	UJ	1300	J	3900	J	3400	J	560	J	700	J
NAPHTHALENE	ug/kg	SW8260	53000	J	170000	J	440000	J	260000	J	58000	J	57000	J
TOLUENE	ug/kg	SW8260	670	J	12000	J	14000	J	43000	J	1800	J	1600	J
XYLENES, TOTAL	ug/kg	SW8260	8400	J	27000	J	110000	J	100000	J	11000	J	16000	J
ACENAPHTHENE	ug/kg	SW8270	180	J	160	J	190	J	220	J	110	J	180	J
ACENAPHTHYLENE	ug/kg	SW8270	1900	J	1500	J	1700	J	1900	J	1200	J	1600	J
ANTHRACENE	ug/kg	SW8270	1000	J	800	J	1200	J	1100	J	1300	J	1500	J
BENZO(A)ANTHRACENE	ug/kg	SW8270	330	J	210	J	160	J	270	J	330	J	450	J
BENZO(A)PYRENE	ug/kg	SW8270	200	J	110	J	54	J	140	J	190	J	270	J
BENZO(B)FLUORANTHENE	ug/kg	SW8270	270	J	160	J	95	J	220	J	240	J	350	J
BENZO(G,H,I)PERYLENE	ug/kg	SW8270	110	J	58	J	47	J	71	J	120	J	170	J
BENZO(K)FLUORANTHENE	ug/kg	SW8270	150	J	88	J	89	J	120	J	100	J	140	J
CHRYSENE	ug/kg	SW8270	490	J	340	J	400	J	410	J	480	J	730	J
DIBENZO(A,H)ANTHRACENE	ug/kg	SW8270	38	J	150	UJ	35	J	160	UJ	190	UJ	42	J
FLUORANTHENE	ug/kg	SW8270	980	J	670	J	710	J	890	J	1300	J	1500	J
FLUORENE	ug/kg	SW8270	160	UJ	150	UJ	150	UJ	160	UJ	190	UJ	190	UJ
INDENO(1,2,3-CD)PYRENE	ug/kg	SW8270	100	J	57	J	51	J	75	J	96	J	140	J
PHENANTHRENE	ug/kg	SW8270	2200	J	1700	J	2700	J	2700	J	2300	J	3300	J
PHENOL	ug/kg	SW8270	2700	J	2000	J	2700	J	4900	J	3700	J	4000	J
PYRENE	ug/kg	SW8270	760	J	530	J	590	J	790	J	1100	J	1100	J
SULFIDE	mg/kg	SW9030	61	U	63	U	68		63	U	46.6	J	46.6	J
pH	S.U.	SW9045	12.1		12.1		12.1		12.1		10.9		11.5	

Table 3A
Onondaga Lake Phase II Pre-Design Investigation
Summary of Sediment Analytical Results

		Location	OL-VC-10061		OL-VC-10061		OL-VC-10061		OL-VC-10061		OL-VC-10062		OL-VC-10062	
		Sample Depth	6.6-9.9 Ft		9.9-13.2 Ft		13.2-16.5 Ft		16.5-19.7 Ft		0.0-3.3 Ft		3.3-6.6 Ft	
		Field Sample ID	OL-0142-03		OL-0142-04		OL-0142-05		OL-0142-06		OL-0142-07		OL-0142-08	
		Matrix	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
		Sample Purpose	Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample	
		Sample Date	8/15/2006		8/15/2006		8/15/2006		8/15/2006		8/15/2006		8/15/2006	
		Sample Delivery Group	6H160193 C6H160225		6H160193 C6H160225		6H160193 C6H160225		6H160193 C6H160225		6H160193 C6H160225		6H160193 C6H160225	
Parameter Name	Units	Analytical Method												
SOLIDS, PERCENT	%	ASTM D2216	33.8		40.5		36.5		37		38.3		40.2	
SOLIDS, PERCENT	%	E160.3	32		34.8		32.9		34.3		36.6		37.5	
NITROGEN, AMMONIA (AS N)	mg/kg	E350.1	333	J	318	J	422	J	401	J	188	J	218	J
TOTAL ORGANIC CARBON	mg/kg	Lloyd Kahn	55000	J	50200	J	40400	J	28700	J	55800	J	66400	J
MERCURY	mg/kg	SW7471	0.51	J	0.4	J	0.53	J	0.46	J	0.77	J	0.61	J
AROCLOR-1016	ug/kg	SW8082	52	UJ	47	UJ	50	UJ	48	UJ	45	UJ	44	UJ
AROCLOR-1221	ug/kg	SW8082	52	UJ	47	UJ	50	UJ	48	UJ	45	UJ	44	UJ
AROCLOR-1232	ug/kg	SW8082	52	UJ	47	UJ	50	UJ	48	UJ	45	UJ	44	UJ
AROCLOR-1242	ug/kg	SW8082	52	UJ	47	UJ	50	UJ	48	UJ	45	UJ	44	UJ
AROCLOR-1248	ug/kg	SW8082	52	UJ	47	UJ	50	UJ	48	UJ	45	UJ	44	UJ
AROCLOR-1254	ug/kg	SW8082	52	UJ	47	UJ	50	UJ	48	UJ	45	UJ	44	UJ
AROCLOR-1260	ug/kg	SW8082	52	UJ	47	UJ	50	UJ	48	UJ	45	UJ	44	UJ
AROCLOR-1268	ug/kg	SW8082	52	UJ	47	UJ	50	UJ	48	UJ	45	UJ	44	UJ
PCBS, N.O.S.	ug/kg	SW8082	52	UJ	47	UJ	50	UJ	48	UJ	45	UJ	44	UJ
1,2,3-TRICHLOROBENZENE	ug/kg	SW8260	2000	UJ	3600	UJ	3800	UJ	3600	UJ	1700	UJ	13000	UJ
1,2,4-TRICHLOROBENZENE	ug/kg	SW8260	2000	UJ	3600	UJ	3800	UJ	3600	UJ	1700	UJ	13000	UJ
1,2-DICHLOROBENZENE	ug/kg	SW8260	3700	J	4500	J	3500	J	13000	J	1900	J	14000	J
1,3,5-TRICHLOROBENZENE	ug/kg	SW8260	2000	UJ	3600	UJ	3800	UJ	3600	UJ	1700	UJ	13000	UJ
1,3-DICHLOROBENZENE	ug/kg	SW8260	2000	UJ	3600	UJ	3800	UJ	3600	UJ	1700	UJ	13000	UJ
1,4-DICHLOROBENZENE	ug/kg	SW8260	5500	J	8600	J	3800	J	16000	J	4600	J	29000	J
BENZENE	ug/kg	SW8260	1100	J	630	J	3800	UJ	3600	UJ	300	J	3400	J
CHLOROBENZENE	ug/kg	SW8260	5900	J	4700	J	780	J	2300	J	5700	J	14000	J
ETHYLBENZENE	ug/kg	SW8260	450	J	710	J	670	J	600	J	1700	UJ	2500	J
NAPHTHALENE	ug/kg	SW8260	59000	J	80000	J	72000	J	69000	J	32000	J	370000	J
TOLUENE	ug/kg	SW8260	1600	J	5000	J	8800	J	1400	J	280	J	8200	J
XYLENES, TOTAL	ug/kg	SW8260	14000	J	20000	J	18000	J	16000	J	3700	J	64000	J
ACENAPHTHENE	ug/kg	SW8270	260	J	290	J	160	J	140	J	210	J	250	J
ACENAPHTHYLENE	ug/kg	SW8270	2300	J	3000	J	2400	J	1600	J	2200	J	1800	J
ANTHRACENE	ug/kg	SW8270	2700	J	2500	J	1700	J	1300	J	2400	J	4400	J
BENZO(A)ANTHRACENE	ug/kg	SW8270	850	J	540	J	380	J	260	J	860	J	1000	J
BENZO(A)PYRENE	ug/kg	SW8270	460	J	270	J	180	J	110	J	500	J	290	J
BENZO(B)FLUORANTHENE	ug/kg	SW8270	620	J	420	J	250	J	180	J	670	J	760	J
BENZO(G,H,I)PERYLENE	ug/kg	SW8270	290	J	170	J	110	J	75	J	360	J	230	J
BENZO(K)FLUORANTHENE	ug/kg	SW8270	280	J	190	J	120	J	80	J	320	J	340	J
CHRYSENE	ug/kg	SW8270	1200	J	1000	J	600	J	550	J	1200	J	2000	J
DIBENZO(A,H)ANTHRACENE	ug/kg	SW8270	69	J	52	J	200	UJ	190	UJ	84	J	95	J
FLUORANTHENE	ug/kg	SW8270	2400	J	2000	J	1200	J	940	J	2600	J	3700	J
FLUORENE	ug/kg	SW8270	210	UJ	190	UJ	200	UJ	190	UJ	180	UJ	180	UJ
INDENO(1,2,3-CD)PYRENE	ug/kg	SW8270	250	J	140	J	91	J	67	J	300	J	220	J
PHENANTHRENE	ug/kg	SW8270	5300	J	4300	J	2800	J	2500	J	4700	J	8100	J
PHENOL	ug/kg	SW8270	3200	J	4800	J	7000	J	8000	J	1500	J	2800	J
PYRENE	ug/kg	SW8270	1700	J	1500	J	970	J	720	J	1900	J	2000	J
SULFIDE	mg/kg	SW9030	93.8	UJ	86.1	UJ	91.2	UJ	93.2	J	82	UJ	80	UJ
pH	S.U.	SW9045	11.7		11.6		11.6		11.6		11.6		11.6	

Table 3A
Onondaga Lake Phase II Pre-Design Investigation
Summary of Sediment Analytical Results

		Location	OL-VC-10062		OL-VC-10062		OL-VC-10062		OL-VC-10062		OL-VC-10062		OL-VC-10062A	
		Sample Depth	6.6-9.9 Ft		9.9-13.2 Ft		9.9-13.2 Ft		13.2-16.5 Ft		16.5-19.2 Ft		0.0-3.3 Ft	
		Field Sample ID	OL-0142-09		OL-0142-10		OL-0142-11		OL-0142-12		OL-0142-13		OL-0142-14	
		Matrix	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
		Sample Purpose	Regular Sample		Regular Sample		Field Duplicate		Regular Sample		Regular Sample		Regular Sample	
		Sample Date	8/15/2006		8/15/2006		8/15/2006		8/15/2006		8/15/2006		8/15/2006	
		Sample Delivery Group	6H160193 C6H160225		6H160193 C6H160225		6H160193 C6H160225		6H160193 C6H160225		6H160193 C6H160225		6H160193 C6H160225	
Parameter Name	Units	Analytical Method												
SOLIDS, PERCENT	%	ASTM D2216	39.3		37.9		37.3		36.9		38.2		39.2	
SOLIDS, PERCENT	%	E160.3	33.8		33.7		37		33.2		34.1		35.8	
NITROGEN, AMMONIA (AS N)	mg/kg	E350.1	301	J	349	J	299	J	393	J	379	J	165	J
TOTAL ORGANIC CARBON	mg/kg	Lloyd Kahn	46000	J	47300	J	56500	J	28600	J	49800	J	60800	J
MERCURY	mg/kg	SW7471	0.38	J	0.46	J	0.43	J	0.57	J	0.63	J	0.73	J
AROCLOR-1016	ug/kg	SW8082	49	UJ	49	UJ	45	UJ	50	UJ	48	UJ	46	UJ
AROCLOR-1221	ug/kg	SW8082	49	UJ	49	UJ	45	UJ	50	UJ	48	UJ	46	UJ
AROCLOR-1232	ug/kg	SW8082	49	UJ	49	UJ	45	UJ	50	UJ	48	UJ	46	UJ
AROCLOR-1242	ug/kg	SW8082	49	UJ	49	UJ	45	UJ	50	UJ	48	UJ	46	UJ
AROCLOR-1248	ug/kg	SW8082	49	UJ	49	UJ	45	UJ	50	UJ	48	UJ	46	UJ
AROCLOR-1254	ug/kg	SW8082	49	UJ	49	UJ	45	UJ	61	J	48	UJ	46	UJ
AROCLOR-1260	ug/kg	SW8082	49	UJ	49	UJ	45	UJ	50	UJ	48	UJ	46	UJ
AROCLOR-1268	ug/kg	SW8082	49	UJ	49	UJ	45	UJ	50	UJ	48	UJ	46	UJ
PCBS, N.O.S.	ug/kg	SW8082	49	UJ	49	UJ	45	UJ	61	J	48	UJ	46	UJ
1,2,3-TRICHLOROBENZENE	ug/kg	SW8260	18000	UJ	7400	UJ	6800	UJ	1600	J	3700	UJ	7000	UJ
1,2,4-TRICHLOROBENZENE	ug/kg	SW8260	18000	UJ	7400	UJ	6800	UJ	1500	J	3700	UJ	7000	UJ
1,2-DICHLOROBENZENE	ug/kg	SW8260	8000	J	3400	J	3800	J	1500	J	2000	J	8100	J
1,3,5-TRICHLOROBENZENE	ug/kg	SW8260	18000	UJ	7400	UJ	6800	UJ	1600	J	3700	UJ	7000	UJ
1,3-DICHLOROBENZENE	ug/kg	SW8260	18000	UJ	7400	UJ	6800	UJ	3800	UJ	3700	UJ	7000	UJ
1,4-DICHLOROBENZENE	ug/kg	SW8260	22000	J	4600	J	5100	J	4400	J	5300	J	20000	J
BENZENE	ug/kg	SW8260	7800	J	5400	J	6100	J	3800	J	2400	J	2000	J
CHLOROBENZENE	ug/kg	SW8260	3100	J	1300	J	1500	J	5300	J	10000	J	19000	J
ETHYLBENZENE	ug/kg	SW8260	6400	J	970	J	6800	UJ	3200	J	2400	J	7000	UJ
NAPHTHALENE	ug/kg	SW8260	440000	J	130000	J	140000	J	99000	J	84000	J	140000	J
TOLUENE	ug/kg	SW8260	17000	J	7500	J	8500	J	10000	J	5000	J	2600	J
XYLENES, TOTAL	ug/kg	SW8260	130000	J	23000	J	25000	J	83000	J	65000	J	17000	J
ACENAPHTHENE	ug/kg	SW8270	160	J	85	J	76	J	270	J	150	J	170	J
ACENAPHTHYLENE	ug/kg	SW8270	2200	J	1000	J	930	J	1100	J	1700	J	1200	J
ANTHRACENE	ug/kg	SW8270	1700	J	1600	J	1500	J	2600	J	2400	J	3400	J
BENZO(A)ANTHRACENE	ug/kg	SW8270	210	J	280	J	280	J	410	J	300	J	870	J
BENZO(A)PYRENE	ug/kg	SW8270	82	J	110	J	110	J	170	J	130	J	270	J
BENZO(B)FLUORANTHENE	ug/kg	SW8270	130	J	180	J	170	J	200	J	200	J	690	J
BENZO(G,H,I)PERYLENE	ug/kg	SW8270	200	UJ	98	J	87	J	100	J	120	J	210	J
BENZO(K)FLUORANTHENE	ug/kg	SW8270	88	J	88	J	78	J	150	J	110	J	270	J
CHRYSENE	ug/kg	SW8270	520	J	600	J	550	J	840	J	760	J	1700	J
DIBENZO(A,H)ANTHRACENE	ug/kg	SW8270	200	UJ	200	UJ	180	UJ	200	UJ	200	UJ	76	J
FLUORANTHENE	ug/kg	SW8270	930	J	970	J	930	J	1700	J	1400	J	3100	J
FLUORENE	ug/kg	SW8270	200	UJ	200	UJ	180	UJ	200	UJ	200	UJ	1500	J
INDENO(1,2,3-CD)PYRENE	ug/kg	SW8270	47	J	74	J	64	J	75	J	78	J	190	J
PHENANTHRENE	ug/kg	SW8270	2700	J	2500	J	2100	J	4000	J	3800	J	6200	J
PHENOL	ug/kg	SW8270	2900	J	3800	J	3900	J	19000	J	19000	J	2500	J
PYRENE	ug/kg	SW8270	820	J	760	J	720	J	1700	J	1200	J	1800	J
SULFIDE	mg/kg	SW9030	88.8	UJ	47.4	J	43.3	J	90.5	UJ	88.1	UJ	83.9	UJ
pH	S.U.	SW9045	11.7		11.5		11.4		11.4		11.2		11.3	

Table 3A
Onondaga Lake Phase II Pre-Design Investigation
Summary of Sediment Analytical Results

		Location	OL-VC-10062A		OL-VC-10062A		OL-VC-10062A		OL-VC-10062A		OL-VC-10062A		OL-VC-10063	
		Sample Depth	3.3-6.6 Ft		6.6-9.9 Ft		9.9-13.2 Ft		13.2-16.5 Ft		16.5-19.0 Ft		0.0-3.3 Ft	
		Field Sample ID	OL-0142-15		OL-0142-16		OL-0142-17		OL-0142-18		OL-0142-19		OL-0163-01	
		Matrix	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
		Sample Purpose	Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample	
		Sample Date	8/15/2006		8/15/2006		8/15/2006		8/15/2006		8/15/2006		8/22/2006	
		Sample Delivery Group	6H160193 C6H160225		6H160193 C6H160225		6H160193 C6H160225		6H160193 C6H160225		6H160193 C6H160225		6H230152 C6H230169	
Parameter Name	Units	Analytical Method												
SOLIDS, PERCENT	%	ASTM D2216	36.1		34.8		38.8		35.1		38.4		28.9	
SOLIDS, PERCENT	%	E160.3	31.2		37.8		38.3		34.8		39.2		31.3	
NITROGEN, AMMONIA (AS N)	mg/kg	E350.1	331	J	300	J	319	J	370	J	281	J	383	J
TOTAL ORGANIC CARBON	mg/kg	Lloyd Kahn	42500	J	63600	J	67200	J	55100	J	67500	J	49500	J
MERCURY	mg/kg	SW7471	0.37	J	0.42	J	0.32	J	0.66	J	0.82	J	1.1	J
AROCLOR-1016	ug/kg	SW8082	53	UJ	44	UJ	43	UJ	47	UJ	42	UJ	53	UJ
AROCLOR-1221	ug/kg	SW8082	53	UJ	44	UJ	43	UJ	47	UJ	42	UJ	53	UJ
AROCLOR-1232	ug/kg	SW8082	53	UJ	44	UJ	43	UJ	47	UJ	42	UJ	53	UJ
AROCLOR-1242	ug/kg	SW8082	53	UJ	44	UJ	43	UJ	47	UJ	42	UJ	53	UJ
AROCLOR-1248	ug/kg	SW8082	53	UJ	44	UJ	43	UJ	47	UJ	42	UJ	34	J
AROCLOR-1254	ug/kg	SW8082	53	UJ	44	UJ	43	UJ	47	UJ	42	UJ	71	J
AROCLOR-1260	ug/kg	SW8082	53	UJ	44	UJ	43	UJ	47	UJ	42	UJ	53	UJ
AROCLOR-1268	ug/kg	SW8082	53	UJ	44	UJ	43	UJ	47	UJ	42	UJ	53	UJ
PCBS, N.O.S.	ug/kg	SW8082	53	UJ	44	UJ	43	UJ	47	UJ	42	UJ	105	J
1,2,3-TRICHLOROBENZENE	ug/kg	SW8260	4000	UJ	3300	UJ	1600	UJ	3600	UJ	3200	UJ	4000	UJ
1,2,4-TRICHLOROBENZENE	ug/kg	SW8260	4000	UJ	3300	UJ	1600	UJ	3600	UJ	3200	UJ	4000	UJ
1,2-DICHLOROBENZENE	ug/kg	SW8260	1800	J	4000	J	640	J	1900	J	2600	J	4000	UJ
1,3,5-TRICHLOROBENZENE	ug/kg	SW8260	4000	UJ	3300	UJ	1600	UJ	3600	UJ	3200	UJ	4000	UJ
1,3-DICHLOROBENZENE	ug/kg	SW8260	4000	UJ	3300	UJ	1600	UJ	3600	UJ	3200	UJ	4000	UJ
1,4-DICHLOROBENZENE	ug/kg	SW8260	4100	J	4300	J	1700	J	5300	J	6400	J	4000	UJ
BENZENE	ug/kg	SW8260	2500	J	3700	J	3000	J	2300	J	2400	J	2500	J
CHLOROBENZENE	ug/kg	SW8260	2100	J	1100	J	1800	J	4900	J	13000	J	920	J
ETHYLBENZENE	ug/kg	SW8260	1500	J	750	J	1000	J	2100	J	2500	J	570	J
NAPHTHALENE	ug/kg	SW8260	110000	J	81000	J	36000	J	72000	J	88000	J	100000	J
TOLUENE	ug/kg	SW8260	6600	J	4600	J	5800	J	4400	J	5500	J	2100	J
XYLENES, TOTAL	ug/kg	SW8260	34000	J	18000	J	28000	J	55000	J	67000	J	12000	J
ACENAPHTHENE	ug/kg	SW8270	190	J	150	J	63	J	110	J	72	J	26	J
ACENAPHTHYLENE	ug/kg	SW8270	2900	J	1600	J	640	J	1300	J	920	J	240	J
ANTHRACENE	ug/kg	SW8270	1800	J	1600	J	1100	J	1300	J	2200	J	370	J
BENZO(A)ANTHRACENE	ug/kg	SW8270	230	J	370	J	240	J	190	J	340	J	81	J
BENZO(A)PYRENE	ug/kg	SW8270	83	J	210	J	130	J	87	J	190	J	37	J
BENZO(B)FLUORANTHENE	ug/kg	SW8270	140	J	300	J	200	J	97	J	280	J	51	J
BENZO(G,H,I)PERYLENE	ug/kg	SW8270	210	UJ	160	J	100	J	190	UJ	150	J	27	J
BENZO(K)FLUORANTHENE	ug/kg	SW8270	98	J	140	J	85	J	74	J	130	J	30	J
CHRYSENE	ug/kg	SW8270	540	J	710	J	470	J	400	J	780	J	160	J
DIBENZO(A,H)ANTHRACENE	ug/kg	SW8270	210	UJ	180	UJ	170	UJ	190	UJ	39	J	23	J
FLUORANTHENE	ug/kg	SW8270	1100	J	1100	J	840	J	1100	J	1100	J	310	J
FLUORENE	ug/kg	SW8270	210	UJ	180	UJ	170	UJ	190	UJ	170	UJ	53	UJ
INDENO(1,2,3-CD)PYRENE	ug/kg	SW8270	51	J	140	J	81	J	44	J	110	J	23	J
PHENANTHRENE	ug/kg	SW8270	3300	J	2900	J	1600	J	2500	J	2500	J	650	J
PHENOL	ug/kg	SW8270	3200	J	8500	J	4200	J	7300	J	5800	J	580	J
PYRENE	ug/kg	SW8270	1000	J	770	J	710	J	950	J	1100	J	200	J
SULFIDE	mg/kg	SW9030	96.2	UJ	42.4	J	41.8	J	86.3	UJ	76.6	UJ	95.8	UJ
pH	S.U.	SW9045	11.2		11.2		11.2		11.1		11.1		12	

Table 3A
Onondaga Lake Phase II Pre-Design Investigation
Summary of Sediment Analytical Results

		Location	OL-VC-10063		OL-VC-10063		OL-VC-10063		OL-VC-10063		OL-VC-10063		OL-VC-10063A	
		Sample Depth	3.3-6.6 Ft		6.6-9.9 Ft		9.9-13.2 Ft		13.2-16.5 Ft		16.5-19.8 Ft		0.0-3.3 Ft	
		Field Sample ID	OL-0163-02		OL-0163-03		OL-0163-04		OL-0163-05		OL-0163-06		OL-0160-01	
		Matrix	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
		Sample Purpose	Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample	
		Sample Date	8/22/2006		8/22/2006		8/22/2006		8/22/2006		8/22/2006		8/21/2006	
		Sample Delivery Group	6H230152 C6H230169		6H230152 C6H230169		6H230152 C6H230169		6H230152 C6H230169		6H230152 C6H230169		6H220207 C6H220199	
Parameter Name	Units	Analytical Method												
SOLIDS, PERCENT	%	ASTM D2216	32.3		31.2		34.7		35.4		35.3		30.3	
SOLIDS, PERCENT	%	E160.3	29.3		33.1		36.3		33.6		31.6		31.7	
NITROGEN, AMMONIA (AS N)	mg/kg	E350.1	411	J	434	J	384	J	510	J	533	J	320	J
TOTAL ORGANIC CARBON	mg/kg	Lloyd Kahn	55000	J	63800	J	72100	J	57300	J	58900	J	56200	J
MERCURY	mg/kg	SW7471	1	J	0.86	J	0.61	J	0.6	J	0.53	J	12.8	J
AROCLOR-1016	ug/kg	SW8082	56	UJ	50	UJ	46	UJ	49	UJ	52	UJ	52	UJ
AROCLOR-1221	ug/kg	SW8082	56	UJ	50	UJ	46	UJ	49	UJ	52	UJ	52	UJ
AROCLOR-1232	ug/kg	SW8082	56	UJ	50	UJ	46	UJ	49	UJ	52	UJ	52	UJ
AROCLOR-1242	ug/kg	SW8082	56	UJ	50	UJ	46	UJ	49	UJ	52	UJ	52	UJ
AROCLOR-1248	ug/kg	SW8082	56	UJ	50	UJ	130	J	49	UJ	52	UJ	52	UJ
AROCLOR-1254	ug/kg	SW8082	82	J	52	J	160	J	34	J	52	UJ	640	J
AROCLOR-1260	ug/kg	SW8082	56	UJ	50	UJ	46	UJ	49	UJ	52	UJ	52	UJ
AROCLOR-1268	ug/kg	SW8082	56	UJ	50	UJ	46	UJ	49	UJ	52	UJ	52	UJ
PCBS, N.O.S.	ug/kg	SW8082	82	J	52	J	290	J	34	J	52	UJ	640	J
1,2,3-TRICHLOROBENZENE	ug/kg	SW8260	4300	UJ	3800	UJ	6900	UJ	7400	UJ	7900	UJ	2200	J
1,2,4-TRICHLOROBENZENE	ug/kg	SW8260	4300	UJ	3800	UJ	6900	UJ	7400	UJ	7900	UJ	4700	J
1,2-DICHLOROBENZENE	ug/kg	SW8260	3600	J	750	J	5000	J	6000	J	5500	J	870	J
1,3,5-TRICHLOROBENZENE	ug/kg	SW8260	4300	UJ	3800	UJ	6900	UJ	7400	UJ	7900	UJ	3900	UJ
1,3-DICHLOROBENZENE	ug/kg	SW8260	4300	UJ	3800	UJ	6900	UJ	7400	UJ	7900	UJ	3900	UJ
1,4-DICHLOROBENZENE	ug/kg	SW8260	3500	J	850	J	9900	J	14000	J	7900	J	1900	J
BENZENE	ug/kg	SW8260	2900	J	710	J	950	J	7400	UJ	7900	UJ	1600	J
CHLOROBENZENE	ug/kg	SW8260	1700	J	1400	J	7400	J	6700	J	2300	J	760	J
ETHYLBENZENE	ug/kg	SW8260	1100	J	970	J	1000	J	7400	UJ	7900	UJ	630	J
NAPHTHALENE	ug/kg	SW8260	71000	J	61000	J	110000	J	160000	J	190000	J	120000	J
TOLUENE	ug/kg	SW8260	4400	J	1400	J	1900	J	1900	J	2700	J	1300	J
XYLENES, TOTAL	ug/kg	SW8260	26000	J	13000	J	22000	J	19000	J	21000	J	10000	J
ACENAPHTHENE	ug/kg	SW8270	120	J	100	J	160	J	170	J	140	J	330	J
ACENAPHTHYLENE	ug/kg	SW8270	1100	J	1400	J	1200	J	1700	J	2300	J	1100	J
ANTHRACENE	ug/kg	SW8270	2000	J	1700	J	1000	J	1600	J	1800	J	1700	J
BENZO(A)ANTHRACENE	ug/kg	SW8270	370	J	340	J	620	J	840	J	480	J	1200	J
BENZO(A)PYRENE	ug/kg	SW8270	210	J	180	J	470	J	480	J	260	J	990	J
BENZO(B)FLUORANTHENE	ug/kg	SW8270	290	J	240	J	540	J	660	J	360	J	1100	J
BENZO(G,H,I)PERYLENE	ug/kg	SW8270	140	J	120	J	310	J	270	J	170	J	760	J
BENZO(K)FLUORANTHENE	ug/kg	SW8270	130	J	110	J	270	J	240	J	170	J	430	J
CHRYSENE	ug/kg	SW8270	660	J	600	J	820	J	1000	J	800	J	1500	J
DIBENZO(A,H)ANTHRACENE	ug/kg	SW8270	48	J	44	J	100	J	67	J	55	J	200	J
FLUORANTHENE	ug/kg	SW8270	1300	J	1200	J	1600	J	2600	J	1700	J	3800	J
FLUORENE	ug/kg	SW8270	230	UJ	100	UJ	180	UJ	200	UJ	110	UJ	210	UJ
INDENO(1,2,3-CD)PYRENE	ug/kg	SW8270	120	J	100	J	270	J	250	J	150	J	670	J
PHENANTHRENE	ug/kg	SW8270	2700	J	2600	J	2600	J	4300	J	3500	J	4700	J
PHENOL	ug/kg	SW8270	1700	J	1400	J	2200	J	3300	J	6600	J	4800	J
PYRENE	ug/kg	SW8270	930	J	880	J	1300	J	1700	J	1100	J	2700	J
SULFIDE	mg/kg	SW9030	103	UJ	90.7	UJ	82.8	UJ	89.4	UJ	94.8	UJ	631	J
pH	S.U.	SW9045	12.1		12		12		12.1		12		11.2	

Table 3A
Onondaga Lake Phase II Pre-Design Investigation
Summary of Sediment Analytical Results

		Location	OL-VC-10063A		OL-VC-10063A		OL-VC-10063A		OL-VC-10063A		OL-VC-10063A		OL-VC-10064	
		Sample Depth	3.3-6.6 Ft		6.6-9.9 Ft		9.9-13.2 Ft		13.2-16.5 Ft		16.5-17.5 Ft		0.0-3.3 Ft	
		Field Sample ID	OL-0160-02		OL-0160-03		OL-0160-04		OL-0160-05		OL-0160-06		OL-0163-14	
		Matrix	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
		Sample Purpose	Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample	
		Sample Date	8/21/2006		8/21/2006		8/21/2006		8/21/2006		8/21/2006		8/22/2006	
		Sample Delivery Group	6H220207 C6H220199		6H220207 C6H220199		6H220207 C6H220199		6H220207 C6H220199		6H220207 C6H220199		6H230152 C6H230169	
Parameter Name	Units	Analytical Method												
SOLIDS, PERCENT	%	ASTM D2216	28.3		30.6		34.4		37.6		39.7		38.6	
SOLIDS, PERCENT	%	E160.3	28.5		29.3		34.1		35.6		34.5		40.4	
NITROGEN, AMMONIA (AS N)	mg/kg	E350.1	345	J	294	J	365	J	418	J	454	J	236	J
TOTAL ORGANIC CARBON	mg/kg	Lloyd Kahn	34100	J	57300	J	37300	J	40500	J	44200	J	90000	J
MERCURY	mg/kg	SW7471	1.2	J	0.78	J	0.53	J	0.45	J	0.38	J	1.1	J
AROCLOR-1016	ug/kg	SW8082	58	UJ		R		R	46	UJ	48	UJ	41	UJ
AROCLOR-1221	ug/kg	SW8082	58	UJ		R		R	46	UJ	48	UJ	41	UJ
AROCLOR-1232	ug/kg	SW8082	58	UJ		R		R	46	UJ	48	UJ	41	UJ
AROCLOR-1242	ug/kg	SW8082	58	UJ		R		R	46	UJ	48	UJ	41	UJ
AROCLOR-1248	ug/kg	SW8082	58	UJ		R		R	46	UJ	48	UJ	41	UJ
AROCLOR-1254	ug/kg	SW8082	58	UJ		R		R	46	UJ	48	UJ	55	J
AROCLOR-1260	ug/kg	SW8082	58	UJ		R		R	46	UJ	48	UJ	41	UJ
AROCLOR-1268	ug/kg	SW8082	58	UJ		R		R	46	UJ	48	UJ	41	UJ
PCBS, N.O.S.	ug/kg	SW8082	58	UJ		R		R	46	UJ	48	UJ	55	J
1,2,3-TRICHLOROBENZENE	ug/kg	SW8260	18000	UJ	4300	UJ	7300	UJ	7000	UJ	7200	UJ	6200	UJ
1,2,4-TRICHLOROBENZENE	ug/kg	SW8260	18000	UJ	4300	UJ	7300	UJ	7000	UJ	7200	UJ	6200	UJ
1,2-DICHLOROBENZENE	ug/kg	SW8260	18000	UJ	2400	J	7000	J	5800	J	2900	J	6000	J
1,3,5-TRICHLOROBENZENE	ug/kg	SW8260	18000	UJ	4300	UJ	7300	UJ	7000	UJ	7200	UJ	6200	UJ
1,3-DICHLOROBENZENE	ug/kg	SW8260	18000	UJ	4300	UJ	7300	UJ	7000	UJ	7200	UJ	6200	UJ
1,4-DICHLOROBENZENE	ug/kg	SW8260	2400	J	4000	J	15000	J	12000	J	3600	J	11000	J
BENZENE	ug/kg	SW8260	4500	J	2700	J	910	J	7000	UJ	7200	UJ	790	J
CHLOROBENZENE	ug/kg	SW8260	2300	J	2600	J	8600	J	4100	J	7200	UJ	5500	J
ETHYLBENZENE	ug/kg	SW8260	18000	UJ	1400	J	7300	UJ	7000	UJ	7200	UJ	6200	UJ
NAPHTHALENE	ug/kg	SW8260	410000	J	160000	J	180000	J	220000	J	190000	J	170000	J
TOLUENE	ug/kg	SW8260	4800	J	3700	J	1900	J	2200	J	2800	J	2100	J
XYLENES, TOTAL	ug/kg	SW8260	23000	J	20000	J	18000	J	22000	J	19000	J	21000	J
ACENAPHTHENE	ug/kg	SW8270	140	J	120	J	150	J	140	J	93	J	120	J
ACENAPHTHYLENE	ug/kg	SW8270	1500	J	1400	J	1500	J	1900	J	1600	J	890	J
ANTHRACENE	ug/kg	SW8270	2000	J	1500	J	1300	J	1300	J	1300	J	1600	J
BENZO(A)ANTHRACENE	ug/kg	SW8270	630	J	290	J	620	J	400	J	270	J	470	J
BENZO(A)PYRENE	ug/kg	SW8270	370	J	160	J	330	J	240	J	130	J	250	J
BENZO(B)FLUORANTHENE	ug/kg	SW8270	490	J	200	J	420	J	290	J	180	J	360	J
BENZO(G,H,I)PERYLENE	ug/kg	SW8270	280	J	120	J	200	J	140	J	78	J	170	J
BENZO(K)FLUORANTHENE	ug/kg	SW8270	200	J	83	J	210	J	140	J	73	J	190	J
CHRYSENE	ug/kg	SW8270	1100	J	520	J	740	J	610	J	420	J	710	J
DIBENZO(A,H)ANTHRACENE	ug/kg	SW8270	88	J	45	J	51	J	45	J	38	J	60	J
FLUORANTHENE	ug/kg	SW8270	2200	J	1200	J	1800	J	1400	J	890	J	1700	J
FLUORENE	ug/kg	SW8270	230	UJ	110	UJ	98	UJ	94	UJ	97	UJ	83	UJ
INDENO(1,2,3-CD)PYRENE	ug/kg	SW8270	250	J	100	J	180	J	120	J	72	J	160	J
PHENANTHRENE	ug/kg	SW8270	3600	J	2300	J	3300	J	3300	J	2400	J	3100	J
PHENOL	ug/kg	SW8270	5500	J	3000	J	2800	J	2700	J	4500	J	2300	J
PYRENE	ug/kg	SW8270	1300	J	720	J	1300	J	940	J	560	J	1100	J
SULFIDE	mg/kg	SW9030	562	J	512	UJ	469	J	421	UJ	435	UJ	299	J
pH	S.U.	SW9045	12.2		12.2		12.2		12.2		12.1		11.7	

Table 3A
Onondaga Lake Phase II Pre-Design Investigation
Summary of Sediment Analytical Results

		Location	OL-VC-10064		OL-VC-10064		OL-VC-10064		OL-VC-10064		OL-VC-10064		OL-VC-10064A	
		Sample Depth	3.3-6.6 Ft		6.6-9.9 Ft		9.9-13.2 Ft		13.2-16.5 Ft		16.5-19.8 Ft		0.0-3.3 Ft	
		Field Sample ID	OL-0163-15		OL-0163-16		OL-0163-17		OL-0163-18		OL-0163-19		OL-0164-01	
		Matrix	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
		Sample Purpose	Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample	
		Sample Date	8/22/2006		8/22/2006		8/22/2006		8/22/2006		8/22/2006		8/22/2006	
		Sample Delivery Group	6H230152 C6H230169		6H230152 C6H230169		6H230152 C6H230169		6H230152 C6H230169		6H230152 C6H230169		6H230154 C6H230175	
Parameter Name	Units	Analytical Method												
SOLIDS, PERCENT	%	ASTM D2216	50.3		43.5		30.4		35.4		40.2		35.3	
SOLIDS, PERCENT	%	E160.3	47		43.4		31.5		32		39.4		37.2	
NITROGEN, AMMONIA (AS N)	mg/kg	E350.1	192	J	201	J	302	J	237	J	153	J	233	J
TOTAL ORGANIC CARBON	mg/kg	Lloyd Kahn	72000	J	51900	J	50800	J	48200	J	62900	J	51100	J
MERCURY	mg/kg	SW7471	3.1	J	1.3	J	0.83	J	0.8	J	1.3	J	1.3	J
AROCLOR-1016	ug/kg	SW8082	35	UJ	38	UJ	52	UJ	52	UJ	42	UJ	44	UJ
AROCLOR-1221	ug/kg	SW8082	35	UJ	38	UJ	52	UJ	52	UJ	42	UJ	44	UJ
AROCLOR-1232	ug/kg	SW8082	35	UJ	38	UJ	52	UJ	52	UJ	42	UJ	44	UJ
AROCLOR-1242	ug/kg	SW8082	35	UJ	38	UJ	52	UJ	52	UJ	42	UJ	44	UJ
AROCLOR-1248	ug/kg	SW8082	35	UJ	38	UJ	52	UJ	52	UJ	42	UJ	44	UJ
AROCLOR-1254	ug/kg	SW8082	35	UJ	38	UJ	52	UJ	52	UJ	42	UJ	44	UJ
AROCLOR-1260	ug/kg	SW8082	87	J	38	UJ	52	UJ	52	UJ	42	UJ	44	UJ
AROCLOR-1268	ug/kg	SW8082	35	UJ	38	UJ	52	UJ	52	UJ	42	UJ	44	UJ
PCBS, N.O.S.	ug/kg	SW8082	87	J	38	UJ	52	UJ	52	UJ	42	UJ	44	UJ
1,2,3-TRICHLOROBENZENE	ug/kg	SW8260	53000	UJ	2900	UJ	16000	UJ	16000	UJ	32000	UJ	6700	UJ
1,2,4-TRICHLOROBENZENE	ug/kg	SW8260	53000	UJ	2900	UJ	3000	J	4000	J	32000	UJ	6700	UJ
1,2-DICHLOROBENZENE	ug/kg	SW8260	66000	J	2900	J	37000	J	45000	J	190000	J	1600	J
1,3,5-TRICHLOROBENZENE	ug/kg	SW8260	53000	UJ	2900	UJ	16000	UJ	16000	UJ	32000	UJ	6700	UJ
1,3-DICHLOROBENZENE	ug/kg	SW8260	53000	UJ	2900	UJ	16000	UJ	16000	UJ	32000	UJ	6700	UJ
1,4-DICHLOROBENZENE	ug/kg	SW8260	54000	J	2800	J	31000	J	35000	J	230000	J	2200	J
BENZENE	ug/kg	SW8260	15000	J	2300	J	9400	J	11000	J	55000	J	760	J
CHLOROBENZENE	ug/kg	SW8260	19000	J	1400	J	12000	J	13000	J	450000	J	890	J
ETHYLBENZENE	ug/kg	SW8260	15000	J	1000	J	9400	J	10000	J	47000	J	1000	J
NAPHTHALENE	ug/kg	SW8260	510000	J	46000		240000	J	320000	J	680000	J	110000	J
TOLUENE	ug/kg	SW8260	78000	J	3600	J	47000	J	52000	J	250000	J	1600	J
XYLENES, TOTAL	ug/kg	SW8260	410000	J	22000	J	250000	J	280000	J	890000	J	27000	J
ACENAPHTHENE	ug/kg	SW8270	250	J	160	J	500	J	130	J	350	J	150	J
ACENAPHTHYLENE	ug/kg	SW8270	1300	J	1200	J	2100	J	590	J	2600	J	1300	J
ANTHRACENE	ug/kg	SW8270	3900	J	1700	J	2700	J	940	J	3600	J	2000	J
BENZO(A)ANTHRACENE	ug/kg	SW8270	920	J	420	J	670	J	250	J	700	J	680	J
BENZO(A)PYRENE	ug/kg	SW8270	410	J	240	J	430	J	170	J	420	J	310	J
BENZO(B)FLUORANTHENE	ug/kg	SW8270	600	J	340	J	550	J	180	J	580	J	410	J
BENZO(G,H,I)PERYLENE	ug/kg	SW8270	280	J	170	J	270	J	98	J	330	J	230	J
BENZO(K)FLUORANTHENE	ug/kg	SW8270	320	J	160	J	260	J	100	J	280	J	170	J
CHRYSENE	ug/kg	SW8270	1400	J	640	J	1000	J	330	J	1000	J	940	J
DIBENZO(A,H)ANTHRACENE	ug/kg	SW8270	160	J	67	J	120	J	34	J	120	J	71	J
FLUORANTHENE	ug/kg	SW8270	2700	J	1300	J	2500	J	870	J	2300	J	2500	J
FLUORENE	ug/kg	SW8270	140	UJ	77	UJ	110	UJ	100	UJ	170	UJ	90	UJ
INDENO(1,2,3-CD)PYRENE	ug/kg	SW8270	290	J	160	J	260	J	93	J	310	J	210	J
PHENANTHRENE	ug/kg	SW8270	6400	J	3000	J	5500	J	1800	J	6200	J	3700	J
PHENOL	ug/kg	SW8270	2900	J	2300	J	1100	J	1300	J	2200	J	3600	J
PYRENE	ug/kg	SW8270	2000	J	980	J	1500	J	650	J	1600	J	1500	J
SULFIDE	mg/kg	SW9030	409	J	155	J	686	J	223	J	191	J	403	UJ
pH	S.U.	SW9045	11.4		11.6		12		12.1		11.9		11.7	

Table 3A
Onondaga Lake Phase II Pre-Design Investigation
Summary of Sediment Analytical Results

		Location	OL-VC-10064A		OL-VC-10064A		OL-VC-10064A		OL-VC-10064A		OL-VC-10064A		OL-VC-10065	
		Sample Depth	3.3-6.6 Ft		6.6-9.9 Ft		9.9-13.2 Ft		13.2-16.5 Ft		16.5-19.8 Ft		0.0-3.3 Ft	
		Field Sample ID	OL-0164-02		OL-0164-03		OL-0164-04		OL-0164-05		OL-0164-06		OL-0164-07	
		Matrix	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
		Sample Purpose	Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample	
		Sample Date	8/22/2006		8/22/2006		8/22/2006		8/22/2006		8/22/2006		8/22/2006	
		Sample Delivery Group	6H230154 C6H230175		6H230154 C6H230175		6H230154 C6H230175		6H230154 C6H230175		6H230154 C6H230175		6H230154 C6H230175	
Parameter Name	Units	Analytical Method												
SOLIDS, PERCENT	%	ASTM D2216	51.3		51.4		41.6		34		34.7		41.4	
SOLIDS, PERCENT	%	E160.3	43		47.6		39.8		33.2		32.7		40.3	
NITROGEN, AMMONIA (AS N)	mg/kg	E350.1	226	J	179	J	197	J	220	J	253	J	204	J
TOTAL ORGANIC CARBON	mg/kg	Lloyd Kahn	174000	J	71500	J	57500	J	51800	J	31100	J	78100	J
MERCURY	mg/kg	SW7471	3	J	1.6	J	1.6	J	0.72	J	0.89	J	0.48	J
AROCLOR-1016	ug/kg	SW8082	38	UJ	35	UJ	41	UJ	50	UJ		R	41	UJ
AROCLOR-1221	ug/kg	SW8082	38	UJ	35	UJ	41	UJ	50	UJ		R	41	UJ
AROCLOR-1232	ug/kg	SW8082	38	UJ	35	UJ	41	UJ	50	UJ		R	41	UJ
AROCLOR-1242	ug/kg	SW8082	38	UJ	35	UJ	41	UJ	50	UJ		R	41	UJ
AROCLOR-1248	ug/kg	SW8082	38	UJ	35	UJ	41	UJ	50	UJ		R	41	UJ
AROCLOR-1254	ug/kg	SW8082	38	UJ	35	UJ	41	UJ	50	UJ		R	41	UJ
AROCLOR-1260	ug/kg	SW8082	38	UJ	35	UJ	41	UJ	50	UJ		R	41	UJ
AROCLOR-1268	ug/kg	SW8082	38	UJ	35	UJ	41	UJ	50	UJ		R	41	UJ
PCBS, N.O.S.	ug/kg	SW8082	38	UJ	35	UJ	41	UJ	50	UJ		R	41	UJ
1,2,3-TRICHLOROBENZENE	ug/kg	SW8260	29000	UJ	4200	UJ	13000	UJ	7500	UJ	3800	UJ	5000	UJ
1,2,4-TRICHLOROBENZENE	ug/kg	SW8260	29000	UJ	780	J	13000	UJ	7500	UJ	1900	J	5000	UJ
1,2-DICHLOROBENZENE	ug/kg	SW8260	11000	J	6500	J	26000	J	24000	J	65000	J	990	J
1,3,5-TRICHLOROBENZENE	ug/kg	SW8260	29000	UJ	4200	UJ	13000	UJ	7500	UJ	3800	UJ	5000	UJ
1,3-DICHLOROBENZENE	ug/kg	SW8260	29000	UJ	4200	UJ	13000	UJ	7500	UJ	780	J	5000	UJ
1,4-DICHLOROBENZENE	ug/kg	SW8260	15000	J	4400	J	22000	J	30000	J	100000	J	2000	J
BENZENE	ug/kg	SW8260	29000	UJ	930	J	4200	J	3500	J	930	J	660	J
CHLOROBENZENE	ug/kg	SW8260	4600	J	820	J	7600	J	92000	J	84000	J	1700	J
ETHYLBENZENE	ug/kg	SW8260	29000	UJ	4200	UJ	3000	J	12000	J	1900	J	780	J
NAPHTHALENE	ug/kg	SW8260	420000	J	68000	J	220000	J	140000	J	59000	J	68000	J
TOLUENE	ug/kg	SW8260	3500	J	1500	J	17000	J	23000	J	5000	J	1300	J
XYLENES, TOTAL	ug/kg	SW8260	110000	J	16000	J	87000	J	230000	J	44000	J	22000	J
ACENAPHTHENE	ug/kg	SW8270	340	J	140	J	240	J	120	J	320	J	210	J
ACENAPHTHYLENE	ug/kg	SW8270	2000	J	1100	J	1800	J	740	J	1600	J	2200	J
ANTHRACENE	ug/kg	SW8270	3900	J	2000	J	2100	J	1000	J	1600	J	2100	J
BENZO(A)ANTHRACENE	ug/kg	SW8270	1100	J	870	J	710	J	480	J	1000	J	300	J
BENZO(A)PYRENE	ug/kg	SW8270	440	J	400	J	300	J	140	J	370	J	150	J
BENZO(B)FLUORANTHENE	ug/kg	SW8270	720	J	500	J	400	J	170	J	460	J	190	J
BENZO(G,H,I)PERYLENE	ug/kg	SW8270	330	J	300	J	230	J	97	J	280	J	120	J
BENZO(K)FLUORANTHENE	ug/kg	SW8270	270	J	240	J	150	J	81	J	160	J	72	J
CHRYSENE	ug/kg	SW8270	1300	J	990	J	830	J	440	J	990	J	500	J
DIBENZO(A,H)ANTHRACENE	ug/kg	SW8270	170	J	110	J	86	J	31	J	91	J	35	J
FLUORANTHENE	ug/kg	SW8270	3900	J	2000	J	1700	J	900	J	1800	J	1500	J
FLUORENE	ug/kg	SW8270	310	UJ	140	UJ	170	UJ	100	UJ	200	UJ	83	UJ
INDENO(1,2,3-CD)PYRENE	ug/kg	SW8270	360	J	300	J	230	J	93	J	280	J	100	J
PHENANTHRENE	ug/kg	SW8270	6600	J	3000	J	3400	J	1700	J	3100	J	2900	J
PHENOL	ug/kg	SW8270	4300	J	2100	J	1800	J	2300	J	2600	J	4900	J
PYRENE	ug/kg	SW8270	2100	J	1300	J	1100	J	620	J	1400	J	970	J
SULFIDE	mg/kg	SW9030	349	UJ	336	J	377	UJ	451	UJ	459	UJ	373	UJ
pH	S.U.	SW9045	11.4		11.5		11.8		11.5		11.6		12	

Table 3A
Onondaga Lake Phase II Pre-Design Investigation
Summary of Sediment Analytical Results

		Location	OL-VC-10065		OL-VC-10065		OL-VC-10065		OL-VC-10065		OL-VC-10065		OL-VC-10065	
		Sample Depth	3.3-6.6 Ft		3.3-6.6 Ft		6.6-9.9 Ft		9.9-13.2 Ft		13.2-16.5 Ft		16.5-19.8 Ft	
		Field Sample ID	OL-0164-08		OL-0164-09		OL-0164-10		OL-0164-11		OL-0164-12		OL-0164-13	
		Matrix	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
		Sample Purpose	Regular Sample		Field Duplicate		Regular Sample		Regular Sample		Regular Sample		Regular Sample	
		Sample Date	8/22/2006		8/22/2006		8/22/2006		8/22/2006		8/22/2006		8/22/2006	
		Sample Delivery Group	6H230154 C6H230175		6H230154 C6H230175		6H230154 C6H230175		6H230154 C6H230175		6H230154 C6H230175		6H230154 C6H230175	
Parameter Name	Units	Analytical Method												
SOLIDS, PERCENT	%	ASTM D2216	48.8		44.6		45.4		45.3		37.8		36.6	
SOLIDS, PERCENT	%	E160.3	44.8		44.8		44.2		45.7		36.5		36.6	
NITROGEN, AMMONIA (AS N)	mg/kg	E350.1	190	J	221	J	186	J	165	J	197	J	242	J
TOTAL ORGANIC CARBON	mg/kg	Lloyd Kahn	67700	J	78800	J	91300	J	81000	J	82200	J	85800	J
MERCURY	mg/kg	SW7471	2.3	J	2	J	2.5	J	1.7	J	1.3	J	0.81	J
AROCLOR-1016	ug/kg	SW8082	37	UJ	37	UJ		R	36	UJ	45	UJ	45	UJ
AROCLOR-1221	ug/kg	SW8082	37	UJ	37	UJ		R	36	UJ	45	UJ	45	UJ
AROCLOR-1232	ug/kg	SW8082	37	UJ	37	UJ		R	36	UJ	45	UJ	45	UJ
AROCLOR-1242	ug/kg	SW8082	37	UJ	37	UJ		R	36	UJ	45	UJ	45	UJ
AROCLOR-1248	ug/kg	SW8082	37	UJ	37	UJ		R	36	UJ	45	UJ	45	UJ
AROCLOR-1254	ug/kg	SW8082	37	UJ	37	UJ		R	36	UJ	45	UJ	45	UJ
AROCLOR-1260	ug/kg	SW8082	37	UJ	37	UJ		R	36	UJ	45	UJ	45	UJ
AROCLOR-1268	ug/kg	SW8082	37	UJ	37	UJ		R	36	UJ	45	UJ	45	UJ
PCBS, N.O.S.	ug/kg	SW8082	37	UJ	37	UJ		R	36	UJ	45	UJ	45	UJ
1,2,3-TRICHLOROBENZENE	ug/kg	SW8260	5600	UJ	11000	UJ	110000	UJ	11000	UJ	6900	UJ	6800	UJ
1,2,4-TRICHLOROBENZENE	ug/kg	SW8260	5600	UJ	11000	UJ	110000	UJ	11000	UJ	1300	J	6800	UJ
1,2-DICHLOROBENZENE	ug/kg	SW8260	2700	J	4300	J	83000	J	8600	J	10000	J	14000	J
1,3,5-TRICHLOROBENZENE	ug/kg	SW8260	5600	UJ	11000	UJ	110000	UJ	11000	UJ	6900	UJ	6800	UJ
1,3-DICHLOROBENZENE	ug/kg	SW8260	5600	UJ	11000	UJ	110000	UJ	11000	UJ	6900	UJ	6800	UJ
1,4-DICHLOROBENZENE	ug/kg	SW8260	3700	J	5400	J	110000	J	14000	J	9500	J	17000	J
BENZENE	ug/kg	SW8260	690	J	11000	UJ	110000	UJ	8900	J	5200	J	2500	J
CHLOROBENZENE	ug/kg	SW8260	2000	J	3000	J	35000	J	3100	J	6000	J	34000	J
ETHYLBENZENE	ug/kg	SW8260	1900	J	2900	J	21000	J	2900	J	6600	J	6000	J
NAPHTHALENE	ug/kg	SW8260	99000	J	140000	J	2900000	J	160000	J	120000	J	110000	J
TOLUENE	ug/kg	SW8260	2400	J	3700	J	29000	J	9100	J	20000	J	17000	J
XYLENES, TOTAL	ug/kg	SW8260	56000	J	83000	J	650000		69000	J	170000	J	130000	J
ACENAPHTHENE	ug/kg	SW8270	210	J	450	J	160	J	380	J	250	J	220	J
ACENAPHTHYLENE	ug/kg	SW8270	1000	J	1500	J	1700	J	2300	J	2300	J	1200	J
ANTHRACENE	ug/kg	SW8270	1800	J	2700	J	2600	J	2500	J	1900	J	1200	J
BENZO(A)ANTHRACENE	ug/kg	SW8270	720	J	700	J	750	J	1100	J	380	J	390	J
BENZO(A)PYRENE	ug/kg	SW8270	340	J	340	J	270	J	560	J	160	J	280	J
BENZO(B)FLUORANTHENE	ug/kg	SW8270	420	J	430	J	440	J	720	J	210	J	340	J
BENZO(G,H,I)PERYLENE	ug/kg	SW8270	220	J	210	J	160	J	350	J	100	J	180	J
BENZO(K)FLUORANTHENE	ug/kg	SW8270	200	J	200	J	200	J	280	J	94	J	130	J
CHRYSENE	ug/kg	SW8270	860	J	840	J	770	J	1300	J	400	J	510	J
DIBENZO(A,H)ANTHRACENE	ug/kg	SW8270	77	J	77	J	110	J	140	J	51	J	57	J
FLUORANTHENE	ug/kg	SW8270	2400	J	3000	J	3100	J	3000	J	1200	J	1400	J
FLUORENE	ug/kg	SW8270	74	UJ	150	UJ	75	UJ	150	UJ	180	UJ	180	UJ
INDENO(1,2,3-CD)PYRENE	ug/kg	SW8270	230	J	220	J	200	J	380	J	120	J	180	J
PHENANTHRENE	ug/kg	SW8270	3400	J	5500	J	4700	J	4800	J	3500	J	2500	J
PHENOL	ug/kg	SW8270	5400	J	5500	J	2900	J	2500	J	2100	J	2400	J
PYRENE	ug/kg	SW8270	1300	J	1700	J	1200	J	1600	J	770	J	870	J
SULFIDE	mg/kg	SW9030	357	J	335	UJ	339	UJ	329	UJ	411	UJ	410	UJ
pH	S.U.	SW9045	11.5		11.5		11.5		11.5		11.6		11.9	

Table 3A
Onondaga Lake Phase II Pre-Design Investigation
Summary of Sediment Analytical Results

		Location	OL-VC-10066		OL-VC-10066		OL-VC-10066		OL-VC-10066		OL-VC-10066		OL-VC-10066	
		Sample Depth	0.0-3.3 Ft		3.3-6.6 Ft		6.6-9.9 Ft		9.9-13.2 Ft		13.2-16.5 Ft		16.5-19.8 Ft	
		Field Sample ID	OL-0164-14		OL-0164-15		OL-0164-16		OL-0164-17		OL-0164-18		OL-0164-19	
		Matrix	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
		Sample Purpose	Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample	
		Sample Date	8/22/2006		8/22/2006		8/22/2006		8/22/2006		8/22/2006		8/22/2006	
		Sample Delivery Group	6H230154 C6H230175		6H230154 C6H230175		6H230154 C6H230175		6H230154 C6H230175		6H230154 C6H230175		6H230154 C6H230175	
Parameter Name	Units	Analytical Method												
SOLIDS, PERCENT	%	ASTM D2216	34.7		43.1		46.6		42		40.5		28.8	
SOLIDS, PERCENT	%	E160.3	39		44.3		52.2		47.8		40.3		28.5	
NITROGEN, AMMONIA (AS N)	mg/kg	E350.1	182	J	185	J	103		155	J	142	J	223	J
TOTAL ORGANIC CARBON	mg/kg	Lloyd Kahn	85700	J	74100	J	92400	J	61800	J	56600	J	24100	J
MERCURY	mg/kg	SW7471	0.84	J	2	J	2.3		1.7	J	0.88	J	0.6	J
AROCLOR-1016	ug/kg	SW8082	42	UJ	37	UJ	32	U	35	UJ	41	UJ	58	UJ
AROCLOR-1221	ug/kg	SW8082	42	UJ	37	UJ	32	U	35	UJ	41	UJ	58	UJ
AROCLOR-1232	ug/kg	SW8082	42	UJ	37	UJ	32	U	35	UJ	41	UJ	58	UJ
AROCLOR-1242	ug/kg	SW8082	42	UJ	37	UJ	32	U	35	UJ	41	UJ	58	UJ
AROCLOR-1248	ug/kg	SW8082	42	UJ	37	UJ	32	U	35	UJ	41	UJ	58	UJ
AROCLOR-1254	ug/kg	SW8082	42	UJ	37	UJ	32	U	35	UJ	41	UJ	58	UJ
AROCLOR-1260	ug/kg	SW8082	42	UJ	37	UJ	32	U	35	UJ	41	UJ	58	UJ
AROCLOR-1268	ug/kg	SW8082	42	UJ	37	UJ	32	U	35	UJ	41	UJ	58	UJ
PCBS, N.O.S.	ug/kg	SW8082	42	UJ	37	UJ	32	U	35	UJ	41	UJ	58	UJ
1,2,3-TRICHLOROBENZENE	ug/kg	SW8260	5100	UJ	8500	UJ	480	U	10000	UJ	9300	UJ	8800	UJ
1,2,4-TRICHLOROBENZENE	ug/kg	SW8260	5100	UJ	1500	J	480	U	10000	UJ	9300	UJ	8800	UJ
1,2-DICHLOROBENZENE	ug/kg	SW8260	2100	J	4700	J	1400		9800	J	6600	J	51000	J
1,3,5-TRICHLOROBENZENE	ug/kg	SW8260	5100	UJ	8500	UJ	480	U	10000	UJ	9300	UJ	8800	UJ
1,3-DICHLOROBENZENE	ug/kg	SW8260	5100	UJ	8500	UJ	480	U	10000	UJ	9300	UJ	8800	UJ
1,4-DICHLOROBENZENE	ug/kg	SW8260	2600	J	7000	J	4800		8400	J	6000	J	67000	J
BENZENE	ug/kg	SW8260	1200	J	8500	UJ	210	J	4400	J	5600	J	3600	J
CHLOROBENZENE	ug/kg	SW8260	1200	J	2000	J	1700		3100	J	5700	J	23000	J
ETHYLBENZENE	ug/kg	SW8260	1500	J	1100	J	67	J	3200	J	12000	J	6400	J
NAPHTHALENE	ug/kg	SW8260	94000	J	170000	J	4700		160000	J	190000	J	150000	J
TOLUENE	ug/kg	SW8260	2500	J	1400	J	350	J	15000	J	31000	J	40000	J
XYLENES, TOTAL	ug/kg	SW8260	43000	J	32000	J	1900		83000	J	290000	J	130000	J
ACENAPHTHENE	ug/kg	SW8270	150	J	200	J	220		270	J	180	J	18	J
ACENAPHTHYLENE	ug/kg	SW8270	1600	J	810	J	1300		1400	J	1200	J	81	J
ANTHRACENE	ug/kg	SW8270	1900	J	1600	J	2100		1600	J	1400	J	100	J
BENZO(A)ANTHRACENE	ug/kg	SW8270	730	J	610	J	780		350	J	650	J	52	J
BENZO(A)PYRENE	ug/kg	SW8270	320	J	260	J	410		200	J	230	J	19	J
BENZO(B)FLUORANTHENE	ug/kg	SW8270	420	J	340	J	540		250	J	320	J	22	J
BENZO(G,H,I)PERYLENE	ug/kg	SW8270	190	J	130	J	240		110	J	120	J	58	UJ
BENZO(K)FLUORANTHENE	ug/kg	SW8270	180	J	150	J	200		130	J	110	J	58	UJ
CHRYSENE	ug/kg	SW8270	1000	J	780	J	970		470	J	630	J	57	J
DIBENZO(A,H)ANTHRACENE	ug/kg	SW8270	73	J	56	J	93	J	51	J	42	J	58	UJ
FLUORANTHENE	ug/kg	SW8270	2300	J	2200	J	2400		1400	J	1200	J	180	J
FLUORENE	ug/kg	SW8270	86	UJ	75	UJ	130	U	70	UJ	170	UJ	58	UJ
INDENO(1,2,3-CD)PYRENE	ug/kg	SW8270	200	J	150	J	270		120	J	130	J	58	UJ
PHENANTHRENE	ug/kg	SW8270	3700	J	3100	J	3200		2600	J	2000	J	260	J
PHENOL	ug/kg	SW8270	4100	J	2800	J	2000		1100	J	1400	J	1300	J
PYRENE	ug/kg	SW8270	1300	J	1100	J	1200		700	J	770	J	110	J
SULFIDE	mg/kg	SW9030	385	UJ	338	UJ	287	U	314	UJ	373	UJ	526	UJ
pH	S.U.	SW9045	11.8		11.6		11.6		11.7		12		12.1	

Table 3A
Onondaga Lake Phase II Pre-Design Investigation
Summary of Sediment Analytical Results

		Location	OL-VC-10067		OL-VC-10067		OL-VC-10067		OL-VC-10067		OL-VC-10067		OL-VC-10067	
		Sample Depth	0.0-3.3 Ft		3.3-6.6 Ft		6.6-9.9 Ft		6.6-9.9 Ft		9.9-13.2 Ft		13.2-16.5 Ft	
		Field Sample ID	OL-0163-07		OL-0163-08		OL-0163-09		OL-0163-10		OL-0163-11		OL-0163-12	
		Matrix	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
		Sample Purpose	Regular Sample		Regular Sample		Regular Sample		Field Duplicate		Regular Sample		Regular Sample	
		Sample Date	8/22/2006		8/22/2006		8/22/2006		8/22/2006		8/22/2006		8/22/2006	
		Sample Delivery Group	6H230152 C6H230169		6H230152 C6H230169		6H230152 C6H230169		6H230152 C6H230169		6H230152 C6H230169		6H230152 C6H230169	
Parameter Name	Units	Analytical Method												
SOLIDS, PERCENT	%	ASTM D2216	44.5		41.9		36.6		39.5		38.8		31.4	
SOLIDS, PERCENT	%	E160.3	47.2		48.5		38		37.8		38.8		29.9	
NITROGEN, AMMONIA (AS N)	mg/kg	E350.1	101	J	126	J	194	J	178	J	186	J	251	J
TOTAL ORGANIC CARBON	mg/kg	Lloyd Kahn	71000	J	104000	J	69600	J	73700	J	57800	J	36300	J
MERCURY	mg/kg	SW7471	2.3	J	1.8	J	0.98	J	1.4	J	0.96	J	0.54	J
AROCLOR-1016	ug/kg	SW8082	35	UJ	34	UJ	43	UJ	44	UJ	43	UJ	55	UJ
AROCLOR-1221	ug/kg	SW8082	35	UJ	34	UJ	43	UJ	44	UJ	43	UJ	55	UJ
AROCLOR-1232	ug/kg	SW8082	35	UJ	34	UJ	43	UJ	44	UJ	43	UJ	55	UJ
AROCLOR-1242	ug/kg	SW8082	35	UJ	34	UJ	43	UJ	44	UJ	43	UJ	55	UJ
AROCLOR-1248	ug/kg	SW8082	35	UJ	34	UJ	43	UJ	44	UJ	43	UJ	55	UJ
AROCLOR-1254	ug/kg	SW8082	57	J	34	UJ	43	UJ	44	UJ	43	UJ	55	UJ
AROCLOR-1260	ug/kg	SW8082	35	UJ	34	UJ	43	UJ	44	UJ	43	UJ	55	UJ
AROCLOR-1268	ug/kg	SW8082	35	UJ	34	UJ	43	UJ	44	UJ	43	UJ	55	UJ
PCBS, N.O.S.	ug/kg	SW8082	57	J	34	UJ	43	UJ	44	UJ	43	UJ	55	UJ
1,2,3-TRICHLOROBENZENE	ug/kg	SW8260	4200	UJ	10000	UJ	16000	UJ	17000	UJ	13000	UJ	840	UJ
1,2,4-TRICHLOROBENZENE	ug/kg	SW8260	4200	UJ	10000	UJ	16000	UJ	17000	UJ	13000	UJ	160	J
1,2-DICHLOROBENZENE	ug/kg	SW8260	3000	J	3000	J	5200	J	4900	J	19000	J	3100	J
1,3,5-TRICHLOROBENZENE	ug/kg	SW8260	4200	UJ	10000	UJ	16000	UJ	17000	UJ	13000	UJ	840	UJ
1,3-DICHLOROBENZENE	ug/kg	SW8260	4200	UJ	10000	UJ	16000	UJ	17000	UJ	13000	UJ	840	UJ
1,4-DICHLOROBENZENE	ug/kg	SW8260	2800	J	3700	J	6100	J	5300	J	15000	J	2900	J
BENZENE	ug/kg	SW8260	2300	J	2900	J	4600	J	4400	J	4300	J	750	J
CHLOROBENZENE	ug/kg	SW8260	2500	J	6100	J	9700	J	9300	J	5500	J	1000	J
ETHYLBENZENE	ug/kg	SW8260	1500	J	4000	J	6500	J	6000	J	4500	J	900	J
NAPHTHALENE	ug/kg	SW8260	100000	J	250000	J	410000	J	390000	J	140000	J	6900	J
TOLUENE	ug/kg	SW8260	4100	J	5500	J	8900	J	8700	J	23000	J	4200	J
XYLENES, TOTAL	ug/kg	SW8260	27000	J	53000	J	82000	J	81000	J	120000	J	23000	J
ACENAPHTHENE	ug/kg	SW8270	100	J	250	J	230	J	290	J	210	J	36	J
ACENAPHTHYLENE	ug/kg	SW8270	580	J	1800	J	1500	J	2100	J	1100	J	110	J
ANTHRACENE	ug/kg	SW8270	1400	J	2200	J	1800	J	2400	J	1700	J	210	J
BENZO(A)ANTHRACENE	ug/kg	SW8270	420	J	830	J	320	J	410	J	510	J	49	J
BENZO(A)PYRENE	ug/kg	SW8270	290	J	530	J	180	J	250	J	350	J	110	UJ
BENZO(B)FLUORANTHENE	ug/kg	SW8270	370	J	690	J	240	J	350	J	480	J	22	J
BENZO(G,H,I)PERYLENE	ug/kg	SW8270	220	J	360	J	130	J	170	J	260	J	110	UJ
BENZO(K)FLUORANTHENE	ug/kg	SW8270	200	J	350	J	100	J	150	J	230	J	110	UJ
CHRYSENE	ug/kg	SW8270	580	J	1100	J	460	J	630	J	730	J	71	J
DIBENZO(A,H)ANTHRACENE	ug/kg	SW8270	69	J	140	J	65	J	77	J	89	J	110	UJ
FLUORANTHENE	ug/kg	SW8270	1300	J	2100	J	1000	J	1400	J	1400	J	200	J
FLUORENE	ug/kg	SW8270	140	UJ	140	UJ	180	UJ	180	UJ	170	UJ	110	UJ
INDENO(1,2,3-CD)PYRENE	ug/kg	SW8270	200	J	350	J	120	J	160	J	250	J	110	UJ
PHENANTHRENE	ug/kg	SW8270	2200	J	4400	J	3200	J	4600	J	2600	J	440	J
PHENOL	ug/kg	SW8270	1600	J	880	J	750	J	1200	J	640	J	1200	J
PYRENE	ug/kg	SW8270	1000	J	1700	J	870	J	1200	J	1100	J	180	J
SULFIDE	mg/kg	SW9030	63.6	UJ	61.9	UJ	79	UJ	79.3	UJ	156	J	875	J
pH	S.U.	SW9045	11.6		11.5		11.8		11.8		12		12.2	

Table 3A
Onondaga Lake Phase II Pre-Design Investigation
Summary of Sediment Analytical Results

		Location	OL-VC-10067		OL-VC-10068		OL-VC-10068		OL-VC-10068		OL-VC-10068		OL-VC-10068	
		Sample Depth	16.5-19.1 Ft		0.0-3.3 Ft		3.3-6.6 Ft		6.6-9.9 Ft		9.9-13.2 Ft		13.2-16.5 Ft	
		Field Sample ID	OL-0163-13		OL-0143-01		OL-0143-02		OL-0143-03		OL-0143-04		OL-0143-05	
		Matrix	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
		Sample Purpose	Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample	
		Sample Date	8/22/2006		8/15/2006		8/15/2006		8/15/2006		8/15/2006		8/15/2006	
		Sample Delivery Group	6H230152 C6H230169		6H160199 C6H160231		6H160199 C6H160231		6H160199 C6H160231		6H160199 C6H160231		6H160199 C6H160231	
Parameter Name	Units	Analytical Method												
SOLIDS, PERCENT	%	ASTM D2216	40.7		37		39.9		42.7		39.7		36.2	
SOLIDS, PERCENT	%	E160.3	34.1		36.6		36.7		37.3		36.9		32.9	
NITROGEN, AMMONIA (AS N)	mg/kg	E350.1	206	J	229	J	236	J	306	J	361	J	383	J
TOTAL ORGANIC CARBON	mg/kg	Lloyd Kahn	64300	J	60000	J	52800	J	49600	J	56100	J	47600	J
MERCURY	mg/kg	SW7471	0.81	J	0.72	J	0.62	J	0.45	J	0.38	J	0.37	J
AROCLOR-1016	ug/kg	SW8082	48	UJ	45	UJ	45	UJ	44	UJ	45	UJ	50	UJ
AROCLOR-1221	ug/kg	SW8082	48	UJ	45	UJ	45	UJ	44	UJ	45	UJ	50	UJ
AROCLOR-1232	ug/kg	SW8082	48	UJ	45	UJ	45	UJ	44	UJ	45	UJ	50	UJ
AROCLOR-1242	ug/kg	SW8082	48	UJ	45	UJ	45	UJ	44	UJ	45	UJ	50	UJ
AROCLOR-1248	ug/kg	SW8082	48	UJ	45	UJ	45	UJ	44	UJ	45	UJ	50	UJ
AROCLOR-1254	ug/kg	SW8082	48	UJ	45	UJ	45	UJ	44	UJ	45	UJ	50	UJ
AROCLOR-1260	ug/kg	SW8082	48	UJ	45	UJ	45	UJ	44	UJ	45	UJ	50	UJ
AROCLOR-1268	ug/kg	SW8082	48	UJ	45	UJ	45	UJ	44	UJ	45	UJ	50	UJ
PCBS, N.O.S.	ug/kg	SW8082	48	UJ	45	UJ	45	UJ	44	UJ	45	UJ	50	UJ
1,2,3-TRICHLOROBENZENE	ug/kg	SW8260	7300	UJ	14000	UJ	2700	UJ	13000	UJ	14000	UJ	7600	UJ
1,2,4-TRICHLOROBENZENE	ug/kg	SW8260	7300	UJ	14000	UJ	2700	UJ	13000	UJ	14000	UJ	7600	UJ
1,2-DICHLOROBENZENE	ug/kg	SW8260	7100	J	9100	J	2000	J	5100	J	7100	J	4500	J
1,3,5-TRICHLOROBENZENE	ug/kg	SW8260	7300	UJ	14000	UJ	2700	UJ	13000	UJ	14000	UJ	7600	UJ
1,3-DICHLOROBENZENE	ug/kg	SW8260	7300	UJ	14000	UJ	2700	UJ	13000	UJ	14000	UJ	7600	UJ
1,4-DICHLOROBENZENE	ug/kg	SW8260	14000	J	16000	J	2100	J	7900	J	12000	J	7800	J
BENZENE	ug/kg	SW8260	900	J	14000	UJ	2700	UJ	13000	UJ	14000	UJ	7600	UJ
CHLOROBENZENE	ug/kg	SW8260	7100	J	14000	UJ	590	J	5000	J	3900	J	7600	UJ
ETHYLBENZENE	ug/kg	SW8260	900	J	14000	UJ	2700	UJ	13000	UJ	14000	UJ	7600	UJ
NAPHTHALENE	ug/kg	SW8260	200000	J	420000	J	75000	J	400000	J	300000	J	210000	J
TOLUENE	ug/kg	SW8260	2600	J	3000	J	610	J	13000	UJ	14000	UJ	7600	UJ
XYLENES, TOTAL	ug/kg	SW8260	26000	J	39000	J	6900	J	17000	J	20000	J	19000	J
ACENAPHTHENE	ug/kg	SW8270	200	J	130	J	200	J	83	J	430	J	180	J
ACENAPHTHYLENE	ug/kg	SW8270	740	J	1900	J	1100	J	1200	J	1000	J	1600	J
ANTHRACENE	ug/kg	SW8270	760	J	1800	J	1800	J	1200	J	1900	J	1200	J
BENZO(A)ANTHRACENE	ug/kg	SW8270	340	J	290	J	250	J	260	J	310	J	240	J
BENZO(A)PYRENE	ug/kg	SW8270	200	J	120	J	95	J	120	J	140	J	130	J
BENZO(B)FLUORANTHENE	ug/kg	SW8270	270	J	190	J	170	J	170	J	200	J	180	J
BENZO(G,H,I)PERYLENE	ug/kg	SW8270	130	J	76	J	64	J	92	J	120	J	79	J
BENZO(K)FLUORANTHENE	ug/kg	SW8270	100	J	86	J	91	J	110	J	140	J	83	J
CHRYSENE	ug/kg	SW8270	440	J	480	J	520	J	500	J	860	J	470	J
DIBENZO(A,H)ANTHRACENE	ug/kg	SW8270	42	J	180	UJ	180	UJ	39	J	52	J	200	UJ
FLUORANTHENE	ug/kg	SW8270	890	J	1200	J	1100	J	1000	J	1100	J	980	J
FLUORENE	ug/kg	SW8270	200	UJ	180	UJ	180	UJ	180	UJ	180	UJ	200	UJ
INDENO(1,2,3-CD)PYRENE	ug/kg	SW8270	120	J	62	J	52	J	75	J	98	J	62	J
PHENANTHRENE	ug/kg	SW8270	1800	J	2700	J	2700	J	2300	J	2900	J	2100	J
PHENOL	ug/kg	SW8270	1300	J	1100	J	630	J	430	J	1000	J	1200	J
PYRENE	ug/kg	SW8270	720	J	680	J	740	J	760	J	830	J	780	J
SULFIDE	mg/kg	SW9030	212	J	82	UJ	81.7	UJ	80.4	UJ	43.3	J	91.3	UJ
pH	S.U.	SW9045	12		11.3		11.4		11.4		11.4		11.4	

Table 3A
Onondaga Lake Phase II Pre-Design Investigation
Summary of Sediment Analytical Results

		Location	OL-VC-10068		OL-VC-10069		OL-VC-10069		OL-VC-10069		OL-VC-10069		OL-VC-10069	
		Sample Depth	16.5-19.6 Ft		0.0-3.3 Ft		3.3-6.6 Ft		6.6-9.9 Ft		9.9-13.2 Ft		13.2-16.5 Ft	
		Field Sample ID	OL-0143-06		OL-0149-01		OL-0149-02		OL-0149-03		OL-0149-04		OL-0149-05	
		Matrix	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
		Sample Purpose	Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample	
		Sample Date	8/15/2006		8/17/2006		8/17/2006		8/17/2006		8/17/2006		8/17/2006	
		Sample Delivery Group	6H160199 C6H160231		213506|6H180201 C6H180239		213506|6H180201 C6H180239		213506|6H180201 C6H180239		213506|6H180201 C6H180239		213506|6H180201 C6H180239	
Parameter Name	Units	Analytical Method												
SOLIDS, PERCENT	%	ASTM D2216	36.3		55.3		42		34.4		42.7		47.5	
SOLIDS, PERCENT	%	E160.3	33.2		55		44.3		41.8		43.3		43.2	
NITROGEN, AMMONIA (AS N)	mg/kg	E350.1	308	J	14		3.9	J	9.1	J	16	J	18	J
TOTAL ORGANIC CARBON	mg/kg	Lloyd Kahn	36000	J	51700		43800	J	22900	J	63300	J	34500	J
MERCURY	mg/kg	SW7471	0.45	J	1.3		1.3	J	1.6	J	1.6	J	0.46	J
AROCLOR-1016	ug/kg	SW8082	50	UJ	30	U	37	UJ	39	UJ	38	UJ	38	UJ
AROCLOR-1221	ug/kg	SW8082	50	UJ	30	U	37	UJ	39	UJ	38	UJ	38	UJ
AROCLOR-1232	ug/kg	SW8082	50	UJ	30	U	37	UJ	39	UJ	38	UJ	38	UJ
AROCLOR-1242	ug/kg	SW8082	50	UJ	30	U	37	UJ	39	UJ	38	UJ	38	UJ
AROCLOR-1248	ug/kg	SW8082	50	UJ	30	U	38	J	39	UJ	38	UJ	38	UJ
AROCLOR-1254	ug/kg	SW8082	50	UJ	500		29	J	39	UJ	38	UJ	56	J
AROCLOR-1260	ug/kg	SW8082	50	UJ	30	U	37	UJ	39	UJ	38	UJ	38	UJ
AROCLOR-1268	ug/kg	SW8082	50	UJ	30	U	37	UJ	39	UJ	38	UJ	38	UJ
PCBS, N.O.S.	ug/kg	SW8082	50	UJ	500		67	J	39	UJ	38	UJ	56	J
1,2,3-TRICHLOROBENZENE	ug/kg	SW8260	15000	UJ	1300	J	1400	UJ	1500	UJ	5800	UJ	2900	UJ
1,2,4-TRICHLOROBENZENE	ug/kg	SW8260	15000	UJ	2300	U	1400	UJ	1500	UJ	5800	UJ	2900	UJ
1,2-DICHLOROBENZENE	ug/kg	SW8260	11000	J	1400	J	1100	J	1200	J	4000	J	1900	J
1,3,5-TRICHLOROBENZENE	ug/kg	SW8260	15000	UJ	2300	U	1400	UJ	1500	UJ	5800	UJ	2900	UJ
1,3-DICHLOROBENZENE	ug/kg	SW8260	15000	UJ	2300	U	1400	UJ	1500	UJ	5800	UJ	2900	UJ
1,4-DICHLOROBENZENE	ug/kg	SW8260	19000	J	2000	J	1700	J	1800	J	5400	J	2500	J
BENZENE	ug/kg	SW8260	15000	UJ	400	J	200	J	210	J	1100	J	500	J
CHLOROBENZENE	ug/kg	SW8260	15000	UJ	2300	U	2400	J	2600	J	5800	UJ	2900	UJ
ETHYLBENZENE	ug/kg	SW8260	15000	UJ	2300	U	180	J	200	J	5800	UJ	2900	UJ
NAPHTHALENE	ug/kg	SW8260	510000	J	45000	J	30000	J	34000	J	110000	J	58000	J
TOLUENE	ug/kg	SW8260	3400	J	310	J	210	J	210	J	820	J	410	J
XYLENES, TOTAL	ug/kg	SW8260	48000	J	4800	J	4800	J	5100	J	13000	J	6000	J
ACENAPHTHENE	ug/kg	SW8270	95	J	54	J	34	J	160	UJ	160	J	78	J
ACENAPHTHYLENE	ug/kg	SW8270	1000	J	520		260	J	520	J	490	J	760	J
ANTHRACENE	ug/kg	SW8270	1400	J	560		870	J	740	J	2100	J	750	J
BENZO(A)ANTHRACENE	ug/kg	SW8270	200	J	200		150	J	130	J	1100	J	160	J
BENZO(A)PYRENE	ug/kg	SW8270	97	J	160		92	J	76	J	770	J	97	J
BENZO(B)FLUORANTHENE	ug/kg	SW8270	150	J	200		140	J	110	J	990	J	120	J
BENZO(G,H,I)PERYLENE	ug/kg	SW8270	76	J	100	J	57	J	59	J	450	J	60	J
BENZO(K)FLUORANTHENE	ug/kg	SW8270	72	J	100	J	53	J	160	UJ	490	J	62	J
CHRYSENE	ug/kg	SW8270	500	J	300		240	J	270	J	1500	J	270	J
DIBENZO(A,H)ANTHRACENE	ug/kg	SW8270	200	UJ	29	J	19	J	160	UJ	150	J	46	J
FLUORANTHENE	ug/kg	SW8270	850	J	630		520	J	450	J	2600	J	650	J
FLUORENE	ug/kg	SW8270	200	UJ	120	U	75	UJ	160	UJ	150	UJ	150	UJ
INDENO(1,2,3-CD)PYRENE	ug/kg	SW8270	62	J	90	J	52	J	42	J	400	J	52	J
PHENANTHRENE	ug/kg	SW8270	2400	J	1100		790	J	1000	J	3900	J	1200	J
PHENOL	ug/kg	SW8270	2000	J	1000	J	360	J	200	J	130	J	690	J
PYRENE	ug/kg	SW8270	670	J	460		430	J	430	J	2100	J	470	J
SULFIDE	mg/kg	SW9030	72.4	J	43.6	J	67.7	UJ	71.8	UJ	37	J	259	J
pH	S.U.	SW9045	11.4		11.7		11.6		12.3		12.2		12.2	

Table 3A
Onondaga Lake Phase II Pre-Design Investigation
Summary of Sediment Analytical Results

		Location	OL-VC-10069		OL-VC-10070		OL-VC-10070		OL-VC-10070		OL-VC-10070		OL-VC-10070	
		Sample Depth	16.5-19.8 Ft		0.0-3.3 Ft		3.3-6.6 Ft		6.6-9.9 Ft		9.9-13.2 Ft		13.2-16.5 Ft	
		Field Sample ID	OL-0149-06		OL-0140-07		OL-0140-08		OL-0140-09		OL-0140-10		OL-0140-11	
		Matrix	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
		Sample Purpose	Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample	
		Sample Date	8/17/2006		8/14/2006		8/14/2006		8/14/2006		8/14/2006		8/14/2006	
		Sample Delivery Group	213506|6H180201 C6H180239		6H150266 C6H150281		6H150266 C6H150281		6H150266 C6H150281		6H150266 C6H150281		6H150266 C6H150281	
Parameter Name	Units	Analytical Method												
SOLIDS, PERCENT	%	ASTM D2216	57.2		39.6		50.8		60.5		54.5		47	
SOLIDS, PERCENT	%	E160.3	52.1		37.5		48.3		51.7		51.2		42.8	
NITROGEN, AMMONIA (AS N)	mg/kg	E350.1	19		201	J	206	J	213		190		327	J
TOTAL ORGANIC CARBON	mg/kg	Lloyd Kahn	86000		71100	J	99200		65300		96900		69700	J
MERCURY	mg/kg	SW7471	1.9		0.71	J	1.8	J	0.8		1.6		1.2	J
AROCLOR-1016	ug/kg	SW8082	32	U	44	UJ	34	UJ	32	U	32	U	39	UJ
AROCLOR-1221	ug/kg	SW8082	32	U	44	UJ	34	UJ	32	U	32	U	39	UJ
AROCLOR-1232	ug/kg	SW8082	32	U	44	UJ	34	UJ	32	U	32	U	39	UJ
AROCLOR-1242	ug/kg	SW8082	32	U	44	UJ	34	UJ	32	U	32	U	39	UJ
AROCLOR-1248	ug/kg	SW8082	32	U	44	UJ	34	UJ	32	U	32	U	39	UJ
AROCLOR-1254	ug/kg	SW8082	140		44	UJ	34	UJ	32	U	32	U	39	UJ
AROCLOR-1260	ug/kg	SW8082	32	U	44	UJ	34	UJ	32	U	32	U	39	UJ
AROCLOR-1268	ug/kg	SW8082	32	U	44	UJ	34	UJ	32	U	32	U	39	UJ
PCBS, N.O.S.	ug/kg	SW8082	140		44	UJ	34	UJ	32	U	32	U	39	UJ
1,2,3-TRICHLOROBENZENE	ug/kg	SW8260	480	UJ	6700	UJ	2600	UJ	4800	U	9800	U	12000	UJ
1,2,4-TRICHLOROBENZENE	ug/kg	SW8260	480	U	6700	UJ	2600	UJ	4800	U	9800	U	12000	UJ
1,2-DICHLOROBENZENE	ug/kg	SW8260	480	U	4700	J	4000	J	5000		7200	J	8700	J
1,3,5-TRICHLOROBENZENE	ug/kg	SW8260	480	U	6700	UJ	2600	UJ	4800	U	9800	U	12000	UJ
1,3-DICHLOROBENZENE	ug/kg	SW8260	480	U	6700	UJ	2600	UJ	4800	U	9800	U	12000	UJ
1,4-DICHLOROBENZENE	ug/kg	SW8260	440	J	10000	J	6000	J	8400		9100	J	11000	J
BENZENE	ug/kg	SW8260	60	J	2900	J	2200	J	1600	J	4100	J	4400	J
CHLOROBENZENE	ug/kg	SW8260	480	U	2800	J	2000	J	2800	J	3400	J	2600	J
ETHYLBENZENE	ug/kg	SW8260	480	U	3500	J	2600	UJ	4800	U	2400	J	2700	J
NAPHTHALENE	ug/kg	SW8260	3000	J	130000	J	45000	J	170000		270000		310000	J
TOLUENE	ug/kg	SW8260	480	U	9900	J	4500	J	7500		9000	J	9100	J
XYLENES, TOTAL	ug/kg	SW8260	1400	U	89000	J	56000	J	50000		51000		54000	J
ACENAPHTHENE	ug/kg	SW8270	41	J	66	J	90	J	97	J	170	J	520	J
ACENAPHTHYLENE	ug/kg	SW8270	89		530	J	480	J	1400		810		2100	J
ANTHRACENE	ug/kg	SW8270	230		1100	J	1000	J	1200		1400		2200	J
BENZO(A)ANTHRACENE	ug/kg	SW8270	120		190	J	320	J	440		530		580	J
BENZO(A)PYRENE	ug/kg	SW8270	75		93	J	200	J	260		320		380	J
BENZO(B)FLUORANTHENE	ug/kg	SW8270	110		130	J	270	J	330		450		480	J
BENZO(G,H,I)PERYLENE	ug/kg	SW8270	51	J	59	J	120	J	170		190	J	230	J
BENZO(K)FLUORANTHENE	ug/kg	SW8270	43	J	78	J	140	J	170		180	J	780	UJ
CHRYSENE	ug/kg	SW8270	190		390	J	500	J	520		720		760	J
DIBENZO(A,H)ANTHRACENE	ug/kg	SW8270	20	J	180	UJ	50	J	53	J	89	J	780	UJ
FLUORANTHENE	ug/kg	SW8270	330		580	J	940	J	1200		1200		1600	J
FLUORENE	ug/kg	SW8270	64	U	180	UJ	140	UJ	130	U	260	U	780	UJ
INDENO(1,2,3-CD)PYRENE	ug/kg	SW8270	40	J	49	J	100	J	150		180	J	220	J
PHENANTHRENE	ug/kg	SW8270	480		1600	J	2000	J	2400		2600		4500	J
PHENOL	ug/kg	SW8270	1300	J	6300	J	4300	J	6300		4300		9400	J
PYRENE	ug/kg	SW8270	240		650	J	900	J	1100		1200		1600	J
SULFIDE	mg/kg	SW9030	57.6	U	42.6	J	199	J	61.9	J	281	J	112	J
pH	S.U.	SW9045	12.1		11		10.2		10.7		10.6		10.8	

Table 3A
Onondaga Lake Phase II Pre-Design Investigation
Summary of Sediment Analytical Results

		Location	OL-VC-10070		OL-VC-10070A		OL-VC-10070A		OL-VC-10070A		OL-VC-10070A		OL-VC-10070A	
		Sample Depth	16.5-19.1 Ft		0.0-3.3 Ft		3.3-6.6 Ft		3.3-6.6 Ft		6.6-9.9 Ft		9.9-13.2 Ft	
		Field Sample ID	OL-0140-12		OL-0140-13		OL-0140-14		OL-0140-15		OL-0140-16		OL-0140-17	
		Matrix	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
		Sample Purpose	Regular Sample		Regular Sample		Regular Sample		Field Duplicate		Regular Sample		Regular Sample	
		Sample Date	8/14/2006		8/14/2006		8/14/2006		8/14/2006		8/14/2006		8/14/2006	
		Sample Delivery Group	6H150266 C6H150281		6H150266 C6H150281		6H150266 C6H150281		6H150266 C6H150281		6H150266 C6H150281		6H150266 C6H150281	
Parameter Name	Units	Analytical Method												
SOLIDS, PERCENT	%	ASTM D2216	45.7		43		51.5		50.4		57.6		53.5	
SOLIDS, PERCENT	%	E160.3	41.8		36.5		47.3		51		50.5		47.3	
NITROGEN, AMMONIA (AS N)	mg/kg	E350.1	447	J	129	J	211	J	172		199		418	J
TOTAL ORGANIC CARBON	mg/kg	Lloyd Kahn	95500	J	53200	J	85200		74000		89600		117000	
MERCURY	mg/kg	SW7471	0.87	J	0.78	J	1.9	J	1.7		0.89		1.7	J
AROCLOR-1016	ug/kg	SW8082	40	UJ	45	UJ	35	UJ	32	UJ	33	UJ	35	UJ
AROCLOR-1221	ug/kg	SW8082	40	UJ	45	UJ	35	UJ	32	UJ	33	UJ	35	UJ
AROCLOR-1232	ug/kg	SW8082	40	UJ	45	UJ	35	UJ	32	UJ	33	UJ	35	UJ
AROCLOR-1242	ug/kg	SW8082	40	UJ	45	UJ	35	UJ	32	UJ	33	UJ	35	UJ
AROCLOR-1248	ug/kg	SW8082	40	UJ	45	UJ	35	UJ	32	UJ	33	UJ	35	UJ
AROCLOR-1254	ug/kg	SW8082	40	UJ	45	UJ	35	UJ	32	UJ	33	UJ	35	UJ
AROCLOR-1260	ug/kg	SW8082	40	UJ	45	UJ	35	UJ	32	UJ	33	UJ	35	UJ
AROCLOR-1268	ug/kg	SW8082	40	UJ	45	UJ	35	UJ	32	UJ	33	UJ	35	UJ
PCBS, N.O.S.	ug/kg	SW8082	40	UJ	45	UJ	35	UJ	32	UJ	33	UJ	35	UJ
1,2,3-TRICHLOROBENZENE	ug/kg	SW8260	12000	UJ	6800	UJ	11000	UJ	4900	U	5000	U	11000	UJ
1,2,4-TRICHLOROBENZENE	ug/kg	SW8260	12000	UJ	6800	UJ	11000	UJ	4900	U	5000	U	11000	UJ
1,2-DICHLOROBENZENE	ug/kg	SW8260	8500	J	7400	J	7500	J	3100	J	3500	J	7500	J
1,3,5-TRICHLOROBENZENE	ug/kg	SW8260	12000	UJ	6800	UJ	11000	UJ	4900	U	5000	U	11000	UJ
1,3-DICHLOROBENZENE	ug/kg	SW8260	12000	UJ	6800	UJ	11000	UJ	4900	U	5000	U	11000	UJ
1,4-DICHLOROBENZENE	ug/kg	SW8260	9800	J	9300	J	9500	J	3700	J	4200	J	9000	J
BENZENE	ug/kg	SW8260	4700	J	4300	J	3900	J	1600	J	1800	J	4100	J
CHLOROBENZENE	ug/kg	SW8260	3300	J	4100	J	2400	J	1000	J	1100	J	2400	J
ETHYLBENZENE	ug/kg	SW8260	2500	J	5100	J	2200	J	860	J	990	J	2200	J
NAPHTHALENE	ug/kg	SW8260	360000	J	140000	J	310000	J	130000		140000		310000	J
TOLUENE	ug/kg	SW8260	9400	J	24000	J	8200	J	3400	J	3700	J	8300	J
XYLENES, TOTAL	ug/kg	SW8260	54000	J	130000	J	46000	J	18000		21000		46000	J
ACENAPHTHENE	ug/kg	SW8270	230	J	81	J	530	J	300	J	100	J	300	J
ACENAPHTHYLENE	ug/kg	SW8270	990	J	650	J	1800	J	1100		1100		2300	J
ANTHRACENE	ug/kg	SW8270	3100	J	1600	J	3100	J	2200		1300		2700	J
BENZO(A)ANTHRACENE	ug/kg	SW8270	350	J	290	J	930	J	590		400		750	J
BENZO(A)PYRENE	ug/kg	SW8270	210	J	150	J	550	J	340		250		490	J
BENZO(B)FLUORANTHENE	ug/kg	SW8270	300	J	210	J	700	J	480		330		640	J
BENZO(G,H,I)PERYLENE	ug/kg	SW8270	120	J	98	J	290	J	230	J	160		300	J
BENZO(K)FLUORANTHENE	ug/kg	SW8270	140	J	140	J	310	J	220	J	160		310	J
CHRYSENE	ug/kg	SW8270	520	J	610	J	1100	J	820		550		1200	J
DIBENZO(A,H)ANTHRACENE	ug/kg	SW8270	39	J	180	UJ	200	J	73	J	53	J	160	J
FLUORANTHENE	ug/kg	SW8270	1200	J	1000	J	2900	J	2000		1100		2100	J
FLUORENE	ug/kg	SW8270	160	UJ	180	UJ	710	UJ	330	U	130	U	710	UJ
INDENO(1,2,3-CD)PYRENE	ug/kg	SW8270	110	J	84	J	290	J	200	J	150		290	J
PHENANTHRENE	ug/kg	SW8270	2900	J	2300	J	7900	J	5600		2300		4600	J
PHENOL	ug/kg	SW8270	5000	J	6000	J	6500	J	8300		3700		4500	J
PYRENE	ug/kg	SW8270	1100	J	1100	J	2500	J	1800		1100		2100	J
SULFIDE	mg/kg	SW9030	76.6	J	43.8	J	84.6	J	94.1	J	31.7	J	33.8	J
pH	S.U.	SW9045	10.9		11.1		10.7		10.7		10.6		10.6	

Table 3A
Onondaga Lake Phase II Pre-Design Investigation
Summary of Sediment Analytical Results

		Location	OL-VC-10070A		OL-VC-10070A		OL-VC-10071		OL-VC-10071		OL-VC-10071		OL-VC-10071	
		Sample Depth	13.2-16.5 Ft		16.5-19.2 Ft		0.0-3.3 Ft		0.0-3.3 Ft		3.3-6.6 Ft		6.6-9.9 Ft	
		Field Sample ID	OL-0140-18		OL-0140-19		OL-0160-13		OL-0160-14		OL-0160-15		OL-0160-16	
		Matrix	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
		Sample Purpose	Regular Sample		Regular Sample		Regular Sample		Field Duplicate		Regular Sample		Regular Sample	
		Sample Date	8/14/2006		8/14/2006		8/21/2006		8/21/2006		8/21/2006		8/21/2006	
		Sample Delivery Group	6H150266 C6H150281		6H150266 C6H150281		6H220207 C6H220199		6H220207 C6H220199		6H220207 C6H220199		6H220207 C6H220199	
Parameter Name	Units	Analytical Method												
SOLIDS, PERCENT	%	ASTM D2216	47.6		48.2		35.2		34.7		30.9		27.8	
SOLIDS, PERCENT	%	E160.3	40.9		41.2		34.8		35.6		32.6		30.4	
NITROGEN, AMMONIA (AS N)	mg/kg	E350.1	287	J	327	J	876	J	208	J	341	J	475	J
TOTAL ORGANIC CARBON	mg/kg	Lloyd Kahn	82800	J	73800	J	79300	J	71800	J	32200	J	39400	J
MERCURY	mg/kg	SW7471	1.3	J	0.78	J	31.9	J	27.4	J	0.79	J	0.6	J
AROCLOR-1016	ug/kg	SW8082	40	UJ	40	UJ	470	UJ	460	UJ		R		R
AROCLOR-1221	ug/kg	SW8082	40	UJ	40	UJ	470	UJ	460	UJ		R		R
AROCLOR-1232	ug/kg	SW8082	40	UJ	40	UJ	470	UJ	460	UJ		R		R
AROCLOR-1242	ug/kg	SW8082	40	UJ	40	UJ	470	UJ	460	UJ		R		R
AROCLOR-1248	ug/kg	SW8082	40	UJ	40	UJ	5600	J	5800	J		R		R
AROCLOR-1254	ug/kg	SW8082	40	UJ	40	UJ	5800	J	4700	J		R		R
AROCLOR-1260	ug/kg	SW8082	40	UJ	40	UJ	470	UJ	460	UJ		R		R
AROCLOR-1268	ug/kg	SW8082	40	UJ	40	UJ	470	UJ	460	UJ		R		R
PCBS, N.O.S.	ug/kg	SW8082	40	UJ	40	UJ	11400	J	10500	J		R		R
1,2,3-TRICHLOROBENZENE	ug/kg	SW8260	12000	UJ	6100	UJ	1400	UJ	1400	UJ	3800	UJ	16000	UJ
1,2,4-TRICHLOROBENZENE	ug/kg	SW8260	12000	UJ	6100	UJ	500	J	830	J	3800	UJ	16000	UJ
1,2-DICHLOROBENZENE	ug/kg	SW8260	11000	J	5500	J	1700	J	7700	J	6100	J	24000	J
1,3,5-TRICHLOROBENZENE	ug/kg	SW8260	12000	UJ	6100	UJ	1400	UJ	1400	UJ	3800	UJ	16000	UJ
1,3-DICHLOROBENZENE	ug/kg	SW8260	12000	UJ	6100	UJ	3900	J	1400	UJ	3800	UJ	16000	UJ
1,4-DICHLOROBENZENE	ug/kg	SW8260	10000	J	6700	J	10000	J	11000	J	21000	J	41000	J
BENZENE	ug/kg	SW8260	16000	J	2900	J	2100	J	1500	J	11000	J	5300	J
CHLOROBENZENE	ug/kg	SW8260	18000	J	2500	J	5300	J	4700	J	14000	J	110000	J
ETHYLBENZENE	ug/kg	SW8260	12000	UJ	2800	J	710	J	280	J	630	J	7200	J
NAPHTHALENE	ug/kg	SW8260	390000	J	160000	J	43000	J	50000	J	53000	J	290000	J
TOLUENE	ug/kg	SW8260	39000	J	12000	J	1400	J	940	J	12000	J	12000	J
XYLENES, TOTAL	ug/kg	SW8260	240000	J	69000	J	6700	J	7400	J	15000	J	100000	J
ACENAPHTHENE	ug/kg	SW8270	570	J	280	J	1300	J	1300	J	200	J	87	J
ACENAPHTHYLENE	ug/kg	SW8270	2400	J	1500	J	1100	J	1100	J	1900	J	860	J
ANTHRACENE	ug/kg	SW8270	3800	J	1000	J	3800	J	4200	J	1400	J	980	J
BENZO(A)ANTHRACENE	ug/kg	SW8270	590	J	410	J	3500	J	3700	J	670	J	220	J
BENZO(A)PYRENE	ug/kg	SW8270	360	J	250	J	2700	J	2700	J	450	J	120	J
BENZO(B)FLUORANTHENE	ug/kg	SW8270	490	J	290	J	3400	J	3200	J	540	J	140	J
BENZO(G,H,I)PERYLENE	ug/kg	SW8270	220	J	140	J	1900	J	1900	J	290	J	79	J
BENZO(K)FLUORANTHENE	ug/kg	SW8270	820	UJ	140	J	1200	J	1400	J	210	J	69	J
CHRYSENE	ug/kg	SW8270	820	J	470	J	4400	J	4600	J	860	J	370	J
DIBENZO(A,H)ANTHRACENE	ug/kg	SW8270	820	UJ	400	UJ	620	J	600	J	84	J	24	J
FLUORANTHENE	ug/kg	SW8270	1600	J	920	J	7500	J	7800	J	2000	J	840	J
FLUORENE	ug/kg	SW8270	820	UJ	1000	J	480	UJ	470	UJ	200	UJ	110	UJ
INDENO(1,2,3-CD)PYRENE	ug/kg	SW8270	200	J	130	J	1700	J	1700	J	260	J	64	J
PHENANTHRENE	ug/kg	SW8270	4700	J	2100	J	9000	J	8600	J	3500	J	1600	J
PHENOL	ug/kg	SW8270	7200	J	11000	J	3500	J	3000	J	4300	J	6500	J
PYRENE	ug/kg	SW8270	1700	J	840	J	7000	J	6900	J	1700	J	650	J
SULFIDE	mg/kg	SW9030	117	J	72.9	UJ	3100	J	2470	J	460	UJ	493	UJ
pH	S.U.	SW9045	10.8		11		9.9		9.8		11.8		12	

Table 3A
Onondaga Lake Phase II Pre-Design Investigation
Summary of Sediment Analytical Results

		Location	OL-VC-10071		OL-VC-10071		OL-VC-10071		OL-VC-10072		OL-VC-10072		OL-VC-10072	
		Sample Depth	9.9-13.2 Ft		13.2-16.5 Ft		16.5-19.8 Ft		0.0-3.3 Ft		3.3-6.6 Ft		6.6-9.9 Ft	
		Field Sample ID	OL-0160-17		OL-0160-18		OL-0160-19		OL-0160-07		OL-0160-08		OL-0160-09	
		Matrix	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
		Sample Purpose	Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample	
		Sample Date	8/21/2006		8/21/2006		8/21/2006		8/21/2006		8/21/2006		8/21/2006	
		Sample Delivery Group	6H220207 C6H220199		6H220207 C6H220199		6H220207 C6H220199		6H220207 C6H220199		6H220207 C6H220199		6H220207 C6H220199	
Parameter Name	Units	Analytical Method												
SOLIDS, PERCENT	%	ASTM D2216	31.1		34.9		29.9		33.7		35.2		33.9	
SOLIDS, PERCENT	%	E160.3	27.3		35		35.3		32.2		29.9		31.5	
NITROGEN, AMMONIA (AS N)	mg/kg	E350.1	153	J	365	J	413	J	287	J	345	J	246	J
TOTAL ORGANIC CARBON	mg/kg	Lloyd Kahn	33500	J	72500	J	71700	J	46000	J	41300	J	40500	J
MERCURY	mg/kg	SW7471	0.58	J	0.3	J	0.49	J	0.8	J	0.73	J	0.39	J
AROCLOR-1016	ug/kg	SW8082		R	47	UJ		R		R		R	52	UJ
AROCLOR-1221	ug/kg	SW8082		R	47	UJ		R		R		R	52	UJ
AROCLOR-1232	ug/kg	SW8082		R	47	UJ		R		R		R	52	UJ
AROCLOR-1242	ug/kg	SW8082		R	47	UJ		R		R		R	52	UJ
AROCLOR-1248	ug/kg	SW8082	240	J	100	J		R		R		R	170	J
AROCLOR-1254	ug/kg	SW8082		R	47	UJ		R		R		R	52	UJ
AROCLOR-1260	ug/kg	SW8082		R	47	UJ		R		R		R	52	UJ
AROCLOR-1268	ug/kg	SW8082		R	47	UJ		R		R		R	52	UJ
PCBS, N.O.S.	ug/kg	SW8082	240	J	100	J		R		R		R	170	J
1,2,3-TRICHLOROBENZENE	ug/kg	SW8260	4600	UJ	3600	UJ	14000	UJ	190000	UJ	420000	UJ	400000	UJ
1,2,4-TRICHLOROBENZENE	ug/kg	SW8260	4600	UJ	1400	J	14000	UJ	190000	UJ	2000	J	400000	UJ
1,2-DICHLOROBENZENE	ug/kg	SW8260	10000	J	13000	J	23000	J	6300	J	17000	J	1400	J
1,3,5-TRICHLOROBENZENE	ug/kg	SW8260	4600	UJ	3600	UJ	14000	UJ	190000	UJ	420000	UJ	400000	UJ
1,3-DICHLOROBENZENE	ug/kg	SW8260	4600	UJ	3600	UJ	14000	UJ	190000	UJ	420000	UJ	400000	UJ
1,4-DICHLOROBENZENE	ug/kg	SW8260	13000	J	18000	J	40000	J	6700	J	23000	J	4400	J
BENZENE	ug/kg	SW8260	4300	J	1300	J	4700	J	2000	J	3400	J	2900	J
CHLOROBENZENE	ug/kg	SW8260	3500	J	11000	J	93000	J	5500	J	8700	J	2000	J
ETHYLBENZENE	ug/kg	SW8260	1200	J	590	J	5900	J	870	J	420000	UJ	3600	J
NAPHTHALENE	ug/kg	SW8260	89000	J	70000	J	290000	J	140000	J	240000	J	240000	J
TOLUENE	ug/kg	SW8260	3700	J	1900	J	11000	J	1700	J	2000	J	8800	J
XYLENES, TOTAL	ug/kg	SW8260	21000	J	10000	J	84000	J	23000	J	17000	J	69000	J
ACENAPHTHENE	ug/kg	SW8270	93	J	120	J	170	J	180	J	110	J	120	J
ACENAPHTHYLENE	ug/kg	SW8270	1000	J	1200	J	1900	J	1600	J	1100	J	1400	J
ANTHRACENE	ug/kg	SW8270	690	J	750	J	1400	J	1100	J	810	J	1000	J
BENZO(A)ANTHRACENE	ug/kg	SW8270	140	J	280	J	650	J	270	J	160	J	180	J
BENZO(A)PYRENE	ug/kg	SW8270	88	J	190	J	420	J	130	J	93	J	100	J
BENZO(B)FLUORANTHENE	ug/kg	SW8270	98	J	250	J	510	J	160	J	84	J	120	J
BENZO(G,H,I)PERYLENE	ug/kg	SW8270	45	J	130	J	270	J	70	J	54	J	57	J
BENZO(K)FLUORANTHENE	ug/kg	SW8270	44	J	100	J	230	J	81	J	46	J	52	J
CHRYSENE	ug/kg	SW8270	230	J	390	J	840	J	400	J	210	J	290	J
DIBENZO(A,H)ANTHRACENE	ug/kg	SW8270	120	UJ	40	J	75	J	100	UJ	110	UJ	110	UJ
FLUORANTHENE	ug/kg	SW8270	600	J	870	J	1900	J	930	J	740	J	730	J
FLUORENE	ug/kg	SW8270	120	UJ	95	UJ	94	UJ	100	UJ	110	UJ	110	UJ
INDENO(1,2,3-CD)PYRENE	ug/kg	SW8270	39	J	120	J	240	J	60	J	46	J	50	J
PHENANTHRENE	ug/kg	SW8270	1300	J	2000	J	3600	J	2300	J	1900	J	1900	J
PHENOL	ug/kg	SW8270	3100	J	1500	J	2400	J	2500	J	3100	J	2600	J
PYRENE	ug/kg	SW8270	420	J	680	J	1300	J	820	J	530	J	510	J
SULFIDE	mg/kg	SW9030	549	UJ	429	UJ	424	UJ	466	UJ	501	UJ	476	UJ
pH	S.U.	SW9045	12.1		12		12		12.2		12.2		12.2	

Table 3A
Onondaga Lake Phase II Pre-Design Investigation
Summary of Sediment Analytical Results

		Location	OL-VC-10072		OL-VC-10072		OL-VC-10072		OL-VC-10073		OL-VC-10073		OL-VC-10073	
		Sample Depth	9.9-13.2 Ft		13.2-16.5 Ft		16.5-19.8 Ft		0.0-3.3 Ft		3.3-6.6 Ft		6.6-9.9 Ft	
		Field Sample ID	OL-0160-10		OL-0160-11		OL-0160-12		OL-0170-01		OL-0170-02		OL-0170-03	
		Matrix	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
		Sample Purpose	Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample	
		Sample Date	8/21/2006		8/21/2006		8/21/2006		8/24/2006		8/24/2006		8/24/2006	
		Sample Delivery Group	6H220207 C6H220199		6H220207 C6H220199		6H220207 C6H220199		213572|6H250162 C6H250154		213572|6H250162 C6H250154		213572|6H250162 C6H250154	
Parameter Name	Units	Analytical Method												
SOLIDS, PERCENT	%	ASTM D2216	38.9		38.9		39.3		32.8		28.8		31.1	
SOLIDS, PERCENT	%	E160.3	36.2		36.7		35.2		32.7		30.8		32.8	
NITROGEN, AMMONIA (AS N)	mg/kg	E350.1	215	J	216	J	150	J	62	J	110	J	48	J
TOTAL ORGANIC CARBON	mg/kg	Lloyd Kahn	38600	J	37400	J	59800	J	56100	J	66300	J	62900	J
MERCURY	mg/kg	SW7471	0.49	J	0.29	J	0.45	J	0.67	J	0.48	J	0.38	J
AROCLOR-1016	ug/kg	SW8082		R	45	UJ		R	50	UJ	54	UJ	50	UJ
AROCLOR-1221	ug/kg	SW8082		R	45	UJ		R	50	UJ	54	UJ	50	UJ
AROCLOR-1232	ug/kg	SW8082		R	45	UJ		R	50	UJ	54	UJ	50	UJ
AROCLOR-1242	ug/kg	SW8082		R	45	UJ		R	50	UJ	54	UJ	50	UJ
AROCLOR-1248	ug/kg	SW8082	100	J	120	J	84	J	50	UJ	53	J	50	UJ
AROCLOR-1254	ug/kg	SW8082		R	45	UJ		R	50	UJ	54	UJ	50	UJ
AROCLOR-1260	ug/kg	SW8082		R	45	UJ		R	50	UJ	54	UJ	50	UJ
AROCLOR-1268	ug/kg	SW8082		R	45	UJ		UJ	50	UJ	54	UJ	50	UJ
PCBS, N.O.S.	ug/kg	SW8082	100	J	120	J	84	J	50	UJ	53	J	50	UJ
1,2,3-TRICHLOROBENZENE	ug/kg	SW8260	690	UJ	340000	UJ	180000	UJ	7600	UJ	4100	UJ	7600	UJ
1,2,4-TRICHLOROBENZENE	ug/kg	SW8260	270	J	340000	UJ	180000	UJ	7600	UJ	4100	UJ	7600	UJ
1,2-DICHLOROBENZENE	ug/kg	SW8260	2400	J	6200	J	4500	J	10000	J	3600	J	2700	J
1,3,5-TRICHLOROBENZENE	ug/kg	SW8260	690	UJ	340000	UJ	180000	UJ	7600	UJ	4100	UJ	7600	UJ
1,3-DICHLOROBENZENE	ug/kg	SW8260	690	UJ	340000	UJ	180000	UJ	7600	UJ	4100	UJ	7600	UJ
1,4-DICHLOROBENZENE	ug/kg	SW8260	3300	J	12000	J	4200	J	11000	J	10000	J	6300	J
BENZENE	ug/kg	SW8260	480	J	4500	J	1200	J	3400	J	5600	J	3300	J
CHLOROBENZENE	ug/kg	SW8260	1300	J	3700	J	1300	J	9700	J	30000	J	20000	J
ETHYLBENZENE	ug/kg	SW8260	88	J	940	J	1500	J	1500	J	4400	J	2500	J
NAPHTHALENE	ug/kg	SW8260	16000	J	130000	J	92000	J	180000	J	100000	J	180000	J
TOLUENE	ug/kg	SW8260	300	J	5100	J	3300	J	3500	J	5900	J	5300	J
XYLENES, TOTAL	ug/kg	SW8260	2400	J	23000	J	28000	J	35000	J	96000	J	60000	J
ACENAPHTHENE	ug/kg	SW8270	74	J	190	J	70	J	240	J	120	J	100	J
ACENAPHTHYLENE	ug/kg	SW8270	840	J	1100	J	780	J	1500	J	590	J	1100	J
ANTHRACENE	ug/kg	SW8270	1200	J	1100	J	770	J	1300	J	650	J	1100	J
BENZO(A)ANTHRACENE	ug/kg	SW8270	200	J	300	J	320	J	260	J	190	J	290	J
BENZO(A)PYRENE	ug/kg	SW8270	95	J	170	J	200	J	130	J	67	J	94	J
BENZO(B)FLUORANTHENE	ug/kg	SW8270	130	J	240	J	270	J	130	J	74	J	110	J
BENZO(G,H,I)PERYLENE	ug/kg	SW8270	61	J	120	J	130	J	47	J	26	J	44	J
BENZO(K)FLUORANTHENE	ug/kg	SW8270	52	J	110	J	100	J	60	J	110	UJ	53	J
CHRYSENE	ug/kg	SW8270	360	J	460	J	460	J	330	J	260	J	430	J
DIBENZO(A,H)ANTHRACENE	ug/kg	SW8270	31	J	50	J	41	J	100	UJ	110	UJ	100	UJ
FLUORANTHENE	ug/kg	SW8270	1300	J	1100	J	960	J	1100	J	670	J	1200	J
FLUORENE	ug/kg	SW8270	92	UJ	91	UJ	95	UJ	100	UJ	110	UJ	100	UJ
INDENO(1,2,3-CD)PYRENE	ug/kg	SW8270	51	J	110	J	120	J	49	J	26	J	45	J
PHENANTHRENE	ug/kg	SW8270	2100	J	2600	J	1900	J	2700	J	1200	J	1800	J
PHENOL	ug/kg	SW8270	2300	J	1200	J	750	J	3900	J	6700	J	6100	J
PYRENE	ug/kg	SW8270	860	J	820	J	660	J	640	J	400	J	640	J
SULFIDE	mg/kg	SW9030	415	UJ	409	UJ	426	UJ	458	UJ	487	UJ	457	UJ
pH	S.U.	SW9045	12.2		12.2		12.2		11.9		12.2		12.2	

Table 3A
Onondaga Lake Phase II Pre-Design Investigation
Summary of Sediment Analytical Results

		Location	OL-VC-10073		OL-VC-10073		OL-VC-10073		OL-VC-10073		OL-VC-10073A		OL-VC-10073A	
		Sample Depth	9.9-13.2 Ft		13.2-16.5 Ft		16.5-19.8 Ft		16.5-19.8 Ft		0.0-3.3 Ft		3.3-6.6 Ft	
		Field Sample ID	OL-0170-04		OL-0170-05		OL-0170-06		OL-0170-07		OL-0170-08		OL-0170-09	
		Matrix	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
		Sample Purpose	Regular Sample		Regular Sample		Regular Sample		Field Duplicate		Regular Sample		Regular Sample	
		Sample Date	8/24/2006		8/24/2006		8/24/2006		8/24/2006		8/24/2006		8/24/2006	
		Sample Delivery Group	213572|6H250162 C6H250154		213572|6H250162 C6H250154		213572|6H250162 C6H250154		213572|6H250162 C6H250154		213572|6H250162 C6H250154		213572|6H250162 C6H250154	
Parameter Name	Units	Analytical Method												
SOLIDS, PERCENT	%	ASTM D2216	33.7		29.3		32.6		30.2		32.7		27.6	
SOLIDS, PERCENT	%	E160.3	38.2		35.8		35.7		39.1		33.4		31.4	
NITROGEN, AMMONIA (AS N)	mg/kg	E350.1	91	J	110	J	96	J	77	J	92	J	150	J
TOTAL ORGANIC CARBON	mg/kg	Lloyd Kahn	94100	J	98500	J	65700	J	81100	J	49300	J	87000	J
MERCURY	mg/kg	SW7471	0.43	J	0.37	J	0.45	J	0.47	J	0.61	J	0.56	J
AROCLOR-1016	ug/kg	SW8082	43	UJ	46	UJ	46	UJ	42	UJ	49	UJ	53	UJ
AROCLOR-1221	ug/kg	SW8082	43	UJ	46	UJ	46	UJ	42	UJ	49	UJ	53	UJ
AROCLOR-1232	ug/kg	SW8082	43	UJ	46	UJ	46	UJ	42	UJ	49	UJ	53	UJ
AROCLOR-1242	ug/kg	SW8082	43	UJ	46	UJ	46	UJ	42	UJ	49	UJ	53	UJ
AROCLOR-1248	ug/kg	SW8082	43	UJ	46	UJ	46	UJ	42	UJ	49	UJ	53	UJ
AROCLOR-1254	ug/kg	SW8082	64	J	55	J	46	UJ	42	UJ	49	UJ	53	UJ
AROCLOR-1260	ug/kg	SW8082	43	UJ	46	UJ	46	UJ	42	UJ	49	UJ	53	UJ
AROCLOR-1268	ug/kg	SW8082	43	UJ	46	UJ	46	UJ	42	UJ	49	UJ	53	UJ
PCBS, N.O.S.	ug/kg	SW8082	64	J	55	J	46	UJ	42	UJ	49	UJ	53	UJ
1,2,3-TRICHLOROBENZENE	ug/kg	SW8260	660	UJ	7000	UJ	11000	UJ	6400	UJ	3700	UJ	610	J
1,2,4-TRICHLOROBENZENE	ug/kg	SW8260	660	UJ	7000	UJ	11000	UJ	6400	UJ	3700	UJ	4400	J
1,2-DICHLOROBENZENE	ug/kg	SW8260	2800	J	2400	J	5200	J	4000	J	2500	J	13000	J
1,3,5-TRICHLOROBENZENE	ug/kg	SW8260	660	UJ	7000	UJ	11000	UJ	6400	UJ	3700	UJ	800	UJ
1,3-DICHLOROBENZENE	ug/kg	SW8260	660	UJ	7000	UJ	11000	UJ	6400	UJ	3700	UJ	800	UJ
1,4-DICHLOROBENZENE	ug/kg	SW8260	9200	J	5000	J	15000	J	11000	J	2200	J	14000	J
BENZENE	ug/kg	SW8260	360	J	2500	J	3900	J	2700	J	2000	J	580	J
CHLOROBENZENE	ug/kg	SW8260	3200	J	3600	J	3900	J	3000	J	2600	J	7000	J
ETHYLBENZENE	ug/kg	SW8260	120	J	1700	J	1700	J	1000	J	480	J	210	J
NAPHTHALENE	ug/kg	SW8260	5500	J	180000	J	270000	J	130000	J	73000	J	15000	J
TOLUENE	ug/kg	SW8260	730	J	2100	J	3400	J	1900	J	2000	J	1200	J
XYLENES, TOTAL	ug/kg	SW8260	3700	J	36000	J	48000	J	24000	J	16000	J	5800	J
ACENAPHTHENE	ug/kg	SW8270	130	J	72	J	170	J	120	J	190	J	120	J
ACENAPHTHYLENE	ug/kg	SW8270	860	J	790	J	1300	J	1200	J	1400	J	830	J
ANTHRACENE	ug/kg	SW8270	1300	J	890	J	1900	J	1500	J	1300	J	900	J
BENZO(A)ANTHRACENE	ug/kg	SW8270	540	J	370	J	770	J	630	J	300	J	250	J
BENZO(A)PYRENE	ug/kg	SW8270	260	J	180	J	370	J	260	J	110	J	82	J
BENZO(B)FLUORANTHENE	ug/kg	SW8270	360	J	220	J	500	J	350	J	120	J	100	J
BENZO(G,H,I)PERYLENE	ug/kg	SW8270	170	J	120	J	200	J	150	J	54	J	46	J
BENZO(K)FLUORANTHENE	ug/kg	SW8270	120	J	100	J	190	J	160	J	50	J	43	J
CHRYSENE	ug/kg	SW8270	740	J	520	J	1000	J	840	J	350	J	320	J
DIBENZO(A,H)ANTHRACENE	ug/kg	SW8270	48	J	38	J	65	J	50	J	100	UJ	110	UJ
FLUORANTHENE	ug/kg	SW8270	1500	J	1200	J	2500	J	2000	J	950	J	740	J
FLUORENE	ug/kg	SW8270	87	UJ	93	UJ	93	UJ	85	UJ	100	UJ	110	UJ
INDENO(1,2,3-CD)PYRENE	ug/kg	SW8270	160	J	110	J	200	J	150	J	49	J	41	J
PHENANTHRENE	ug/kg	SW8270	2000	J	1700	J	3700	J	2900	J	2500	J	1400	J
PHENOL	ug/kg	SW8270	2300	J	800	J	360	J	380	J	4400	J	5200	J
PYRENE	ug/kg	SW8270	920	J	720	J	1300	J	1000	J	640	J	470	J
SULFIDE	mg/kg	SW9030	393	UJ	419	UJ	420	UJ	384	UJ	449	UJ	478	UJ
pH	S.U.	SW9045	12.2		12.3		12.3		12.2		12.1		12.3	

Table 3A
Onondaga Lake Phase II Pre-Design Investigation
Summary of Sediment Analytical Results

		Location	OL-VC-10073A		OL-VC-10073A		OL-VC-10073A		OL-VC-10073A		OL-VC-10074		OL-VC-10074	
		Sample Depth	6.6-9.9 Ft		9.9-13.2 Ft		13.2-16.5 Ft		16.5-19.8 Ft		3.3-6.6 Ft		6.6-9.9 Ft	
		Field Sample ID	OL-0170-10		OL-0170-11		OL-0170-12		OL-0170-13		OL-0165-02		OL-0165-03	
		Matrix	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
		Sample Purpose	Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample	
		Sample Date	8/24/2006		8/24/2006		8/24/2006		8/24/2006		8/22/2006		8/22/2006	
		Sample Delivery Group	213572|6H250162 C6H250154		213572|6H250162 C6H250154		213572|6H250162 C6H250154		213572|6H250162 C6H250154		6H230156 C6H230179		6H230156 C6H230179	
Parameter Name	Units	Analytical Method												
SOLIDS, PERCENT	%	ASTM D2216	30.7		28.4		30.3		30		48.2		36.6	
SOLIDS, PERCENT	%	E160.3	32.6		35.7		34.9		37.9		47.1		37.2	
NITROGEN, AMMONIA (AS N)	mg/kg	E350.1	130	J	95	J	120	J	96	J	114	J	249	J
TOTAL ORGANIC CARBON	mg/kg	Lloyd Kahn	94000	J	110000	J	106000	J	71900	J	44700	J	54100	J
MERCURY	mg/kg	SW7471	0.42	J	0.48	J	0.47	J	0.56	J	0.36	J	0.54	J
AROCLOR-1016	ug/kg	SW8082	51	UJ	46	UJ	47	UJ	44	UJ	35	UJ	44	UJ
AROCLOR-1221	ug/kg	SW8082	51	UJ	46	UJ	47	UJ	44	UJ	35	UJ	44	UJ
AROCLOR-1232	ug/kg	SW8082	51	UJ	46	UJ	47	UJ	44	UJ	35	UJ	44	UJ
AROCLOR-1242	ug/kg	SW8082	51	UJ	46	UJ	47	UJ	44	UJ	35	UJ	44	UJ
AROCLOR-1248	ug/kg	SW8082	51	UJ	46	UJ	64	J	50	J	35	UJ	44	UJ
AROCLOR-1254	ug/kg	SW8082	64	J	46	UJ	64	J	44	UJ	35	UJ	44	UJ
AROCLOR-1260	ug/kg	SW8082	51	UJ	46	UJ	47	UJ	44	UJ	35	UJ	44	UJ
AROCLOR-1268	ug/kg	SW8082	51	UJ	46	UJ	47	UJ	44	UJ	35	UJ	44	UJ
PCBS, N.O.S.	ug/kg	SW8082	64	J	46	UJ	128	J	50	J	35	UJ	44	UJ
1,2,3-TRICHLOROBENZENE	ug/kg	SW8260	7700	UJ	3500	UJ	5700	UJ	13000	UJ	5300	UJ	10000	UJ
1,2,4-TRICHLOROBENZENE	ug/kg	SW8260	7700	UJ	3500	UJ	5700	UJ	13000	UJ	5300	UJ	10000	UJ
1,2-DICHLOROBENZENE	ug/kg	SW8260	2500	J	1100	J	1500	J	4900	J	7600	J	5400	J
1,3,5-TRICHLOROBENZENE	ug/kg	SW8260	7700	UJ	3500	UJ	5700	UJ	13000	UJ	5300	UJ	10000	UJ
1,3-DICHLOROBENZENE	ug/kg	SW8260	7700	UJ	3500	UJ	5700	UJ	13000	UJ	5300	UJ	10000	UJ
1,4-DICHLOROBENZENE	ug/kg	SW8260	6100	J	1800	J	3600	J	13000	J	18000	J	6200	J
BENZENE	ug/kg	SW8260	2600	J	1800	J	2500	J	3900	J	5300	UJ	2300	J
CHLOROBENZENE	ug/kg	SW8260	12000	J	2200	J	3000	J	4000	J	22000	J	1900	J
ETHYLBENZENE	ug/kg	SW8260	2500	J	850	J	1600	J	2100	J	5300	UJ	10000	UJ
NAPHTHALENE	ug/kg	SW8260	180000	J	97000	J	110000	J	300000	J	100000	J	140000	J
TOLUENE	ug/kg	SW8260	6100	J	2200	J	1900	J	3800	J	5300	UJ	4800	J
XYLENES, TOTAL	ug/kg	SW8260	48000	J	24000	J	30000	J	54000	J	3300	J	20000	J
ACENAPHTHENE	ug/kg	SW8270	140	J	110	J	120	J	190	J	100	J	120	J
ACENAPHTHYLENE	ug/kg	SW8270	1900	J	760	J	980	J	1800	J	560	J	440	J
ANTHRACENE	ug/kg	SW8270	1500	J	1100	J	1100	J	1600	J	1600	J	950	J
BENZO(A)ANTHRACENE	ug/kg	SW8270	420	J	470	J	450	J	730	J	260	J	250	J
BENZO(A)PYRENE	ug/kg	SW8270	170	J	230	J	210	J	400	J	150	J	170	J
BENZO(B)FLUORANTHENE	ug/kg	SW8270	210	J	280	J	280	J	470	J	190	J	200	J
BENZO(G,H,I)PERYLENE	ug/kg	SW8270	110	J	150	J	140	J	230	J	110	J	120	J
BENZO(K)FLUORANTHENE	ug/kg	SW8270	83	J	140	J	120	J	190	J	100	J	92	J
CHRYSENE	ug/kg	SW8270	630	J	660	J	590	J	830	J	510	J	430	J
DIBENZO(A,H)ANTHRACENE	ug/kg	SW8270	36	J	47	J	41	J	70	J	38	J	36	J
FLUORANTHENE	ug/kg	SW8270	1600	J	1200	J	1400	J	2400	J	1500	J	880	J
FLUORENE	ug/kg	SW8270	100	UJ	93	UJ	96	UJ	88	UJ	71	UJ	90	UJ
INDENO(1,2,3-CD)PYRENE	ug/kg	SW8270	100	J	140	J	130	J	220	J	88	J	90	J
PHENANTHRENE	ug/kg	SW8270	2700	J	1800	J	2300	J	3500	J	2600	J	1800	J
PHENOL	ug/kg	SW8270	5200	J	1900	J	670	J	380	J	710	J	910	J
PYRENE	ug/kg	SW8270	970	J	770	J	760	J	1500	J	820	J	800	J
SULFIDE	mg/kg	SW9030	460	UJ	420	UJ	430	UJ	396	UJ	144	J	75.3	J
pH	S.U.	SW9045	12.3		12.2		12.1		12.2		12.1		12.2	

Table 3A
Onondaga Lake Phase II Pre-Design Investigation
Summary of Sediment Analytical Results

		Location	OL-VC-10074		OL-VC-10074		OL-VC-10074		OL-VC-10075		OL-VC-10075		OL-VC-10075				
		Sample Depth	9.9-13.2 Ft		13.2-16.5 Ft		16.5-19.8 Ft		0.0-3.3 Ft		3.3-6.6 Ft		6.6-9.9 Ft				
		Field Sample ID	OL-0165-04		OL-0165-05		OL-0165-06		OL-0140-01		OL-0140-02		OL-0140-03				
		Matrix	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL				
		Sample Purpose	Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample				
		Sample Date	8/22/2006		8/22/2006		8/22/2006		8/14/2006		8/14/2006		8/14/2006				
		Sample Delivery Group	6H230156 C6H230179		6H230156 C6H230179		6H230156 C6H230179		6H150266 C6H150281		6H150266 C6H150281		6H150266 C6H150281				
Parameter Name	Units	Analytical Method															
SOLIDS, PERCENT	%	ASTM D2216	37.3		44.1		38.1		45.8		50.9		57.8				
SOLIDS, PERCENT	%	E160.3	37.2		41.1		37.1		41.7		43.6		49.5				
NITROGEN, AMMONIA (AS N)	mg/kg	E350.1	207	J	225	J	243	J	259	J	267	J	187	J			
TOTAL ORGANIC CARBON	mg/kg	Lloyd Kahn	69600	J	57000	J	70700	J	87000	J	87000		86900				
MERCURY	mg/kg	SW7471	0.56	J	0.43	J	0.44	J	0.91	J	1.2	J	1.3	J			
AROCLOR-1016	ug/kg	SW8082	44	UJ	40	UJ		R	40	UJ	38	UJ	33	UJ			
AROCLOR-1221	ug/kg	SW8082	44	UJ	40	UJ		R	40	UJ	38	UJ	33	UJ			
AROCLOR-1232	ug/kg	SW8082	44	UJ	40	UJ		R	40	UJ	38	UJ	33	UJ			
AROCLOR-1242	ug/kg	SW8082	44	UJ	40	UJ		R	40	UJ	38	UJ	33	UJ			
AROCLOR-1248	ug/kg	SW8082	44	UJ	40	UJ		R	40	UJ	38	UJ	33	UJ			
AROCLOR-1254	ug/kg	SW8082	44	UJ	40	UJ		R	40	UJ	38	UJ	33	UJ			
AROCLOR-1260	ug/kg	SW8082	44	UJ	40	UJ		R	40	UJ	38	UJ	33	UJ			
AROCLOR-1268	ug/kg	SW8082	44	UJ	40	UJ		R	40	UJ	38	UJ	33	UJ			
PCBS, N.O.S.	ug/kg	SW8082	44	UJ	40	UJ		R	40	UJ	38	UJ	33	UJ			
1,2,3-TRICHLOROBENZENE	ug/kg	SW8260	10000	UJ	3000	UJ	3400	UJ	6000	UJ	5700	UJ	5000	UJ			
1,2,4-TRICHLOROBENZENE	ug/kg	SW8260	10000	UJ	3000	UJ	3400	UJ	6000	UJ	1100	J	5000	UJ			
1,2-DICHLOROBENZENE	ug/kg	SW8260	11000	J	1500	J	5200	J	12000	J	14000	J	6800	J			
1,3,5-TRICHLOROBENZENE	ug/kg	SW8260	10000	UJ	3000	UJ	3400	UJ	6000	UJ	5700	UJ	5000	UJ			
1,3-DICHLOROBENZENE	ug/kg	SW8260	10000	UJ	3000	UJ	3400	UJ	6000	UJ	5700	UJ	5000	UJ			
1,4-DICHLOROBENZENE	ug/kg	SW8260	20000	J	2600	J	12000	J	8600	J	5300	J	6300	J			
BENZENE	ug/kg	SW8260	1500	J	710	J	1300	J	3600	J	1800	J	1100	J			
CHLOROBENZENE	ug/kg	SW8260	6200	J	1300	J	2500	J	3600	J	1600	J	3600	J			
ETHYLBENZENE	ug/kg	SW8260	5300	J	530	J	3400	UJ	6000	UJ	5700	UJ	5000	UJ			
NAPHTHALENE	ug/kg	SW8260	170000	J	71000	J	130000	J	100000	J	180000	J	150000	J			
TOLUENE	ug/kg	SW8260	5900	J	1000	J	1200	J	9200	J	5800	J	3500	J			
XYLENES, TOTAL	ug/kg	SW8260	73000	J	11000	J	10000	J	71000	J	43000	J	49000	J			
ACENAPHTHENE	ug/kg	SW8270	250	J	100	J	120	J	95	J	130	J	150	J			
ACENAPHTHYLENE	ug/kg	SW8270	2900	J	1200	J	1200	J	620	J	1200	J	790	J			
ANTHRACENE	ug/kg	SW8270	2000	J	1600	J	1200	J	1400	J	1800	J	1300	J			
BENZO(A)ANTHRACENE	ug/kg	SW8270	620	J	360	J	310	J	420	J	330	J	370	J			
BENZO(A)PYRENE	ug/kg	SW8270	360	J	180	J	150	J	220	J	200	J	230	J			
BENZO(B)FLUORANTHENE	ug/kg	SW8270	500	J	250	J	220	J	330	J	280	J	320	J			
BENZO(G,H,I)PERYLENE	ug/kg	SW8270	250	J	120	J	110	J	140	J	130	J	150	J			
BENZO(K)FLUORANTHENE	ug/kg	SW8270	210	J	130	J	100	J	140	J	140	J	150	J			
CHRYSENE	ug/kg	SW8270	940	J	590	J	570	J	640	J	610	J	600	J			
DIBENZO(A,H)ANTHRACENE	ug/kg	SW8270	72	J	57	J	55	J	43	J	310	UJ	57	J			
FLUORANTHENE	ug/kg	SW8270	2100	J	1300	J	1300	J	1500	J	990	J	1100	J			
FLUORENE	ug/kg	SW8270	90	UJ	81	UJ	90	UJ	160	UJ	310	UJ	270	UJ			
INDENO(1,2,3-CD)PYRENE	ug/kg	SW8270	220	J	100	J	98	J	120	J	110	J	130	J			
PHENANTHRENE	ug/kg	SW8270	4700	J	3100	J	2500	J	2700	J	2200	J	2200	J			
PHENOL	ug/kg	SW8270	2600	J	1600	J	2900	J	5000	J	6500	J	8400	J			
PYRENE	ug/kg	SW8270	1400	J	860	J	730	J	1400	J	1000	J	1100	J			
SULFIDE	mg/kg	SW9030	293	J	97.4	J	243	UJ	134	J	202	J	291	J			
pH	S.U.	SW9045	12.2		12.1		12.2		10.8		10.8		10.3				

Table 3A
Onondaga Lake Phase II Pre-Design Investigation
Summary of Sediment Analytical Results

		Location	OL-VC-10075		OL-VC-10075		OL-VC-10075		OL-VC-10076		OL-VC-10076		OL-VC-10076	
		Sample Depth	9.9-13.2 Ft		13.2-16.5 Ft		16.5-18.9 Ft		0.0-3.3 Ft		3.3-6.6 Ft		6.6-9.9 Ft	
		Field Sample ID	OL-0140-04		OL-0140-05		OL-0140-06		OL-0149-07		OL-0149-08		OL-0149-09	
		Matrix	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
		Sample Purpose	Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample	
		Sample Date	8/14/2006		8/14/2006		8/14/2006		8/17/2006		8/17/2006		8/17/2006	
		Sample Delivery Group	6H150266 C6H150281		6H150266 C6H150281		6H150266 C6H150281		213506|6H180201 C6H180239		213506|6H180201 C6H180239		213506|6H180201 C6H180239	
Parameter Name	Units	Analytical Method												
SOLIDS, PERCENT	%	ASTM D2216	57.8		31.6		33.3		41		36.6		35.1	
SOLIDS, PERCENT	%	E160.3	54.4		31.5		31.4		55.4		34		31.4	
NITROGEN, AMMONIA (AS N)	mg/kg	E350.1	157		268	J	196	J	4.2	UJ	15	J	16	J
TOTAL ORGANIC CARBON	mg/kg	Lloyd Kahn	93700		68700	J	58800	J	38000	J	55400	J	46600	J
MERCURY	mg/kg	SW7471	1.4		1.6	J	0.24	J	0.79		0.56	J	0.56	J
AROCLOR-1016	ug/kg	SW8082	30	U	52	UJ	53	UJ	30	U	49	UJ	52	UJ
AROCLOR-1221	ug/kg	SW8082	30	U	52	UJ	53	UJ	30	U	49	UJ	52	UJ
AROCLOR-1232	ug/kg	SW8082	30	U	52	UJ	53	UJ	30	U	49	UJ	52	UJ
AROCLOR-1242	ug/kg	SW8082	30	U	52	UJ	53	UJ	30	U	49	UJ	52	UJ
AROCLOR-1248	ug/kg	SW8082	30	U	52	UJ	53	UJ	30	U	49	UJ	52	UJ
AROCLOR-1254	ug/kg	SW8082	30	U	52	UJ	53	UJ	30	U	49	UJ	52	UJ
AROCLOR-1260	ug/kg	SW8082	30	U	52	UJ	53	UJ	30	U	49	UJ	52	UJ
AROCLOR-1268	ug/kg	SW8082	30	U	52	UJ	53	UJ	30	U	49	UJ	52	UJ
PCBS, N.O.S.	ug/kg	SW8082	30	U	52	UJ	53	UJ	30	U	49	UJ	52	UJ
1,2,3-TRICHLOROBENZENE	ug/kg	SW8260	4600	U	7900	UJ	16	UJ	2300	UJ	3700	UJ	8000	UJ
1,2,4-TRICHLOROBENZENE	ug/kg	SW8260	4600	U	7900	UJ	16	UJ	2300	U	3700	UJ	8000	UJ
1,2-DICHLOROBENZENE	ug/kg	SW8260	5100		1700	J	16	UJ	1700	J	2500	J	6000	J
1,3,5-TRICHLOROBENZENE	ug/kg	SW8260	4600	U	7900	UJ	16	UJ	2300	U	3700	UJ	8000	UJ
1,3-DICHLOROBENZENE	ug/kg	SW8260	4600	U	7900	UJ	16	UJ	2300	U	3700	UJ	8000	UJ
1,4-DICHLOROBENZENE	ug/kg	SW8260	5500		2000	J	16	UJ	2300		3200	J	7900	J
BENZENE	ug/kg	SW8260	2000	J	2900	J	7	J	470	J	660	J	1600	J
CHLOROBENZENE	ug/kg	SW8260	1500	J	7900	UJ	16	UJ	2300	U	3700	UJ	8000	UJ
ETHYLBENZENE	ug/kg	SW8260	2600	J	2900	J	16	UJ	2300	U	3700	UJ	8000	UJ
NAPHTHALENE	ug/kg	SW8260	130000		290000	J	29	J	44000	J	73000	J	180000	J
TOLUENE	ug/kg	SW8260	4600		7700	J	7	J	340	J	490	J	1100	J
XYLENES, TOTAL	ug/kg	SW8260	52000		45000	J	9.6	J	5300	J	7500	J	18000	J
ACENAPHTHENE	ug/kg	SW8270	820		1500	J	24	J	34	J	74	J	160	J
ACENAPHTHYLENE	ug/kg	SW8270	420		760	J	27	J	240		520	J	1800	J
ANTHRACENE	ug/kg	SW8270	2000		3500	J	74	J	290		840	J	1800	J
BENZO(A)ANTHRACENE	ug/kg	SW8270	1500		2800	J	58	J	100		190	J	210	J
BENZO(A)PYRENE	ug/kg	SW8270	860		1600	J	38	J	61		93	J	120	J
BENZO(B)FLUORANTHENE	ug/kg	SW8270	1100		1900	J	35	J	86		130	J	140	J
BENZO(G,H,I)PERYLENE	ug/kg	SW8270	470		830	J	23	J	38	J	60	J	69	J
BENZO(K)FLUORANTHENE	ug/kg	SW8270	510		850	J	13	J	37	J	67	J	95	J
CHRYSENE	ug/kg	SW8270	1600		2800	J	63	J	130		370	J	500	J
DIBENZO(A,H)ANTHRACENE	ug/kg	SW8270	200		330	J	4.9	J	60	U	98	UJ	23	J
FLUORANTHENE	ug/kg	SW8270	4000		6600	J	180	J	380		770	J	1100	J
FLUORENE	ug/kg	SW8270	1600		3100	J	12	J	60	U	550	J	110	UJ
INDENO(1,2,3-CD)PYRENE	ug/kg	SW8270	480		850	J	17	J	32	J	48	J	49	J
PHENANTHRENE	ug/kg	SW8270	5600		10000	J	240	J	610		1600	J	2900	J
PHENOL	ug/kg	SW8270	880		1900	J	420	J	100	J	1100	J	1000	J
PYRENE	ug/kg	SW8270	2900		5700	J	190	J	270		600	J	940	J
SULFIDE	mg/kg	SW9030	426	J	635	J	95.7	UJ	54.1	U	88.3	UJ	50.9	J
pH	S.U.	SW9045	10.3		11.2		11.5		12.2		12.2		12.2	

Table 3A
Onondaga Lake Phase II Pre-Design Investigation
Summary of Sediment Analytical Results

		Location	OL-VC-10076		OL-VC-10076		OL-VC-10076		OL-VC-10076		OL-VC-10077		OL-VC-10077	
		Sample Depth	6.6-9.9 Ft		9.9-13.2 Ft		13.2-16.5 Ft		16.5-19.8 Ft		0.0-3.3 Ft		3.3-6.6 Ft	
		Field Sample ID	OL-0149-10		OL-0149-11		OL-0149-12		OL-0149-13		OL-0170-14		OL-0170-15	
		Matrix	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
		Sample Purpose	Field Duplicate		Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample	
		Sample Date	8/17/2006		8/17/2006		8/17/2006		8/17/2006		8/24/2006		8/24/2006	
		Sample Delivery Group	213506|6H180201 C6H180239		213506|6H180201 C6H180239		213506|6H180201 C6H180239		213506|6H180201 C6H180239		213572|6H250162 C6H250154		213572|6H250162 C6H250154	
Parameter Name	Units	Analytical Method												
SOLIDS, PERCENT	%	ASTM D2216	31.7		38.9		37.3		36.1		35.7		32.8	
SOLIDS, PERCENT	%	E160.3	32.4		37		33.3		36.5		36.6		36.7	
NITROGEN, AMMONIA (AS N)	mg/kg	E350.1	10	J	26	J	28	J	11	J	150	J	120	J
TOTAL ORGANIC CARBON	mg/kg	Lloyd Kahn	40400	J	53900	J	39500	J	40000	J	60900	J	69800	J
MERCURY	mg/kg	SW7471	0.7	J	0.8	J	0.94	J	0.97	J	3.4	J	0.81	J
AROCLOR-1016	ug/kg	SW8082	51	UJ	45	UJ	50	UJ	45	UJ	45	UJ	45	UJ
AROCLOR-1221	ug/kg	SW8082	51	UJ	45	UJ	50	UJ	45	UJ	45	UJ	45	UJ
AROCLOR-1232	ug/kg	SW8082	51	UJ	45	UJ	50	UJ	45	UJ	45	UJ	45	UJ
AROCLOR-1242	ug/kg	SW8082	51	UJ	45	UJ	50	UJ	45	UJ	45	UJ	45	UJ
AROCLOR-1248	ug/kg	SW8082	51	UJ	45	UJ	50	UJ	45	UJ	150	J	45	UJ
AROCLOR-1254	ug/kg	SW8082	51	UJ	45	UJ	50	UJ	45	UJ	170	J	100	J
AROCLOR-1260	ug/kg	SW8082	51	UJ	29	J	50	UJ	100	J	45	UJ	45	UJ
AROCLOR-1268	ug/kg	SW8082	51	UJ	45	UJ	50	UJ	45	UJ	45	UJ	45	UJ
PCBS, N.O.S.	ug/kg	SW8082	51	UJ	29	J	50	UJ	100	J	320	J	100	J
1,2,3-TRICHLOROBENZENE	ug/kg	SW8260	15000	UJ	22000	J	7500	UJ	6900	UJ	6800	UJ	17000	UJ
1,2,4-TRICHLOROBENZENE	ug/kg	SW8260	15000	UJ	19000	J	7500	UJ	6900	UJ	6800	UJ	17000	UJ
1,2-DICHLOROBENZENE	ug/kg	SW8260	21000	J	9200	J	1700	J	15000	J	25000	J	14000	J
1,3,5-TRICHLOROBENZENE	ug/kg	SW8260	15000	UJ	17000	UJ	7500	UJ	6900	UJ	6800	UJ	17000	UJ
1,3-DICHLOROBENZENE	ug/kg	SW8260	15000	UJ	17000	UJ	7500	UJ	6900	UJ	6800	UJ	17000	UJ
1,4-DICHLOROBENZENE	ug/kg	SW8260	28000	J	32000	J	5700	J	7200	J	59000	J	23000	J
BENZENE	ug/kg	SW8260	5800	J	14000	J	22000	J	36000	J	3800	J	4400	J
CHLOROBENZENE	ug/kg	SW8260	2800	J	7500	J	4800	J	41000	J	25000	J	21000	J
ETHYLBENZENE	ug/kg	SW8260	2600	J	12000	J	11000	J	17000	J	1500	J	2400	J
NAPHTHALENE	ug/kg	SW8260	600000	J	300000	J	110000	J	190000	J	170000	J	360000	J
TOLUENE	ug/kg	SW8260	4200	J	110000	J	140000	J	140000	J	4500	J	5600	J
XYLENES, TOTAL	ug/kg	SW8260	64000	J	300000	J	250000	J	400000	J	35000	J	55000	J
ACENAPHTHENE	ug/kg	SW8270	140	J	620	J	540	J	75	J	230	J	250	J
ACENAPHTHYLENE	ug/kg	SW8270	1700	J	1600	J	730	J	490	J	1400	J	2500	J
ANTHRACENE	ug/kg	SW8270	2000	J	2600	J	1800	J	800	J	1500	J	1600	J
BENZO(A)ANTHRACENE	ug/kg	SW8270	170	J	400	J	470	J	280	J	610	J	520	J
BENZO(A)PYRENE	ug/kg	SW8270	82	J	200	J	290	J	130	J	370	J	200	J
BENZO(B)FLUORANTHENE	ug/kg	SW8270	110	J	270	J	390	J	230	J	420	J	250	J
BENZO(G,H,I)PERYLENE	ug/kg	SW8270	59	J	110	J	110	J	59	J	250	J	110	J
BENZO(K)FLUORANTHENE	ug/kg	SW8270	57	J	220	J	210	J	96	J	180	J	100	J
CHRYSENE	ug/kg	SW8270	500	J	1100	J	760	J	450	J	740	J	620	J
DIBENZO(A,H)ANTHRACENE	ug/kg	SW8270	27	J	64	J	59	J	31	J	63	J	29	J
FLUORANTHENE	ug/kg	SW8270	1100	J	1500	J	1800	J	940	J	2000	J	1900	J
FLUORENE	ug/kg	SW8270	100	UJ	180	UJ	200	UJ	91	UJ	91	UJ	91	UJ
INDENO(1,2,3-CD)PYRENE	ug/kg	SW8270	38	J	88	J	100	J	53	J	220	J	100	J
PHENANTHRENE	ug/kg	SW8270	3300	J	3900	J	3100	J	1600	J	2800	J	3200	J
PHENOL	ug/kg	SW8270	780	J	650	J	700	J	640	J	2000	J	1800	J
PYRENE	ug/kg	SW8270	1000	J	1300	J	1700	J	840	J	1200	J	1100	J
SULFIDE	mg/kg	SW9030	92.5	UJ	64.8	J	90.1	UJ	82.3	UJ	410	UJ	408	UJ
pH	S.U.	SW9045	12.2		12		12.1		12.1		12.1		12.2	

Table 3A
Onondaga Lake Phase II Pre-Design Investigation
Summary of Sediment Analytical Results

		Location	OL-VC-10077		OL-VC-10077		OL-VC-10077		OL-VC-10077		OL-VC-10078		OL-VC-10078	
		Sample Depth	6.6-9.9 Ft		9.9-13.2 Ft		13.2-16.5 Ft		16.5-17.9 Ft		0.0-3.3 Ft		3.3-6.6 Ft	
		Field Sample ID	OL-0170-16		OL-0170-17		OL-0170-18		OL-0170-19		OL-0171-01		OL-0171-02	
		Matrix	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
		Sample Purpose	Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample	
		Sample Date	8/24/2006		8/24/2006		8/24/2006		8/24/2006		8/24/2006		8/24/2006	
		Sample Delivery Group	213572|6H250162 C6H250154		213572|6H250162 C6H250154		213572|6H250162 C6H250154		213572|6H250162 C6H250154		213574|6H250219 C6H250213		213574|6H250219 C6H250213	
Parameter Name	Units	Analytical Method												
SOLIDS, PERCENT	%	ASTM D2216	35		28.6		33.3		35.9		66.7		39	
SOLIDS, PERCENT	%	E160.3	35.3		32.1		37.1		32.6		67.8		45.8	
NITROGEN, AMMONIA (AS N)	mg/kg	E350.1	180	J	210	J	200	J	210	J	26		87	J
TOTAL ORGANIC CARBON	mg/kg	Lloyd Kahn	48500	J	57100	J	54600	J	64700	J	40600	J	76000	J
MERCURY	mg/kg	SW7471	0.83	J	0.87	J	0.57	J	0.46	J	4.7	J	0.97	J
AROCLOR-1016	ug/kg	SW8082	47	UJ	51	UJ	45	UJ	51	UJ	24	U	36	UJ
AROCLOR-1221	ug/kg	SW8082	47	UJ	51	UJ	45	UJ	51	UJ	24	U	36	UJ
AROCLOR-1232	ug/kg	SW8082	47	UJ	51	UJ	45	UJ	51	UJ	24	U	36	UJ
AROCLOR-1242	ug/kg	SW8082	47	UJ	51	UJ	45	UJ	51	UJ	24	U	36	UJ
AROCLOR-1248	ug/kg	SW8082	47	UJ	51	UJ	45	UJ	220	J	12	J	140	J
AROCLOR-1254	ug/kg	SW8082	78	J	62	J	70	J	120	J	37		150	J
AROCLOR-1260	ug/kg	SW8082	47	UJ	51	UJ	45	UJ	51	UJ	24	U	36	UJ
AROCLOR-1268	ug/kg	SW8082	47	UJ	51	UJ	45	UJ	51	UJ	24	U	36	UJ
PCBS, N.O.S.	ug/kg	SW8082	78	J	62	J	70	J	340	J	49		290	J
1,2,3-TRICHLOROBENZENE	ug/kg	SW8260	14000	UJ	1900	UJ	5400	UJ	3800	UJ	370	UJ	22000	UJ
1,2,4-TRICHLOROBENZENE	ug/kg	SW8260	14000	UJ	480	J	5400	UJ	3800	UJ	370	U	22000	UJ
1,2-DICHLOROBENZENE	ug/kg	SW8260	22000	J	11000	J	57000	J	2700	J	1900		110000	J
1,3,5-TRICHLOROBENZENE	ug/kg	SW8260	14000	UJ	1900	UJ	5400	UJ	3800	UJ	370	U	22000	UJ
1,3-DICHLOROBENZENE	ug/kg	SW8260	14000	UJ	1900	UJ	5400	UJ	3800	UJ	370	U	22000	UJ
1,4-DICHLOROBENZENE	ug/kg	SW8260	27000	J	16000	J	57000	J	15000	J	6400		310000	J
BENZENE	ug/kg	SW8260	4900	J	3100	J	3500	J	1900	J	260	J	13000	J
CHLOROBENZENE	ug/kg	SW8260	22000	J	9200	J	12000	J	2400	J	2300		540000	J
ETHYLBENZENE	ug/kg	SW8260	2300	J	720	J	1500	J	2100	J	96	J	10000	J
NAPHTHALENE	ug/kg	SW8260	320000	J	59000	J	110000	J	70000	J	3700	J	290000	J
TOLUENE	ug/kg	SW8260	4800	J	2100	J	5800	J	3300	J	510		62000	J
XYLENES, TOTAL	ug/kg	SW8260	56000	J	13000	J	30000	J	35000	J	2700		170000	J
ACENAPHTHENE	ug/kg	SW8270	370	J	130	J	150	J	150	J	22	J	94	J
ACENAPHTHYLENE	ug/kg	SW8270	1600	J	1200	J	1700	J	1400	J	50		880	J
ANTHRACENE	ug/kg	SW8270	1800	J	1300	J	1300	J	1100	J	190		1200	J
BENZO(A)ANTHRACENE	ug/kg	SW8270	440	J	240	J	300	J	210	J	110		210	J
BENZO(A)PYRENE	ug/kg	SW8270	140	J	83	J	99	J	79	J	74		95	J
BENZO(B)FLUORANTHENE	ug/kg	SW8270	150	J	95	J	100	J	92	J	110		140	J
BENZO(G,H,I)PERYLENE	ug/kg	SW8270	87	J	48	J	60	J	49	J	48	J	63	J
BENZO(K)FLUORANTHENE	ug/kg	SW8270	57	J	40	J	57	J	39	J	41	J	86	J
CHRYSENE	ug/kg	SW8270	570	J	370	J	450	J	340	J	140		370	J
DIBENZO(A,H)ANTHRACENE	ug/kg	SW8270	24	J	100	UJ	20	J	100	UJ	16	J	23	J
FLUORANTHENE	ug/kg	SW8270	1300	J	1200	J	1200	J	810	J	270		900	J
FLUORENE	ug/kg	SW8270	94	UJ	100	UJ	90	UJ	100	UJ	49	U	73	UJ
INDENO(1,2,3-CD)PYRENE	ug/kg	SW8270	67	J	42	J	53	J	43	J	44	J	51	J
PHENANTHRENE	ug/kg	SW8270	3900	J	2500	J	2300	J	1800	J	390		2400	J
PHENOL	ug/kg	SW8270	1700	J	2900	J	4300	J	6600	J	44	J	200	J
PYRENE	ug/kg	SW8270	960	J	710	J	700	J	550	J	250		670	J
SULFIDE	mg/kg	SW9030	425	UJ	467	UJ	405	UJ	460	UJ	221	U	328	UJ
pH	S.U.	SW9045	12.3		12.4		12.3		12.4		12.2		12.3	

Table 3A
Onondaga Lake Phase II Pre-Design Investigation
Summary of Sediment Analytical Results

		Location	OL-VC-10078		OL-VC-10078		OL-VC-10078		OL-VC-10078		OL-VC-10078A		OL-VC-10078A	
		Sample Depth	6.6-9.9 Ft		9.9-13.2 Ft		13.2-16.5 Ft		16.5-19.8 Ft		0.0-3.3 Ft		3.3-6.6 Ft	
		Field Sample ID	OL-0171-03		OL-0171-04		OL-0171-05		OL-0171-06		OL-0171-07		OL-0171-08	
		Matrix	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
		Sample Purpose	Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample	
		Sample Date	8/24/2006		8/24/2006		8/24/2006		8/24/2006		8/24/2006		8/24/2006	
		Sample Delivery Group	213574|6H250219 C6H250213		213574|6H250219 C6H250213		213574|6H250219 C6H250213		213574|6H250219 C6H250213		213574|6H250219 C6H250213		213574|6H250219 C6H250213	
Parameter Name	Units	Analytical Method												
SOLIDS, PERCENT	%	ASTM D2216	40.8		37.8		34.9		33.5		51.4		38.3	
SOLIDS, PERCENT	%	E160.3	39.5		36.7		35.5		33.7		47.9		40.5	
NITROGEN, AMMONIA (AS N)	mg/kg	E350.1	1300	J	180	J	190	J	240	J	54	J	110	J
TOTAL ORGANIC CARBON	mg/kg	Lloyd Kahn	39100	J	33500	J	48500	J	44700	J	81500	J	50000	J
MERCURY	mg/kg	SW7471	0.65	J	0.69	J	0.92	J	0.77	J	4.8	J	0.44	J
AROCLOR-1016	ug/kg	SW8082	42	UJ	45	UJ	47	UJ	49	UJ	34	UJ	41	UJ
AROCLOR-1221	ug/kg	SW8082	42	UJ	45	UJ	47	UJ	49	UJ	34	UJ	41	UJ
AROCLOR-1232	ug/kg	SW8082	42	UJ	45	UJ	47	UJ	49	UJ	34	UJ	41	UJ
AROCLOR-1242	ug/kg	SW8082	42	UJ	45	UJ	47	UJ	49	UJ	34	UJ	41	UJ
AROCLOR-1248	ug/kg	SW8082	19	J	45	UJ	28	J	49	UJ	34	UJ	28	J
AROCLOR-1254	ug/kg	SW8082	41	J	25	J	43	J	49	UJ	54	J	51	J
AROCLOR-1260	ug/kg	SW8082	42	UJ	45	UJ	47	UJ	49	UJ	34	UJ	41	UJ
AROCLOR-1268	ug/kg	SW8082	42	UJ	45	UJ	47	UJ	49	UJ	34	UJ	41	UJ
PCBS, N.O.S.	ug/kg	SW8082	60	J	25	J	71	J	49	UJ	54	J	79	J
1,2,3-TRICHLOROBENZENE	ug/kg	SW8260	9500	UJ	5500	UJ	28000	UJ	5900	UJ	10000	UJ	6200	UJ
1,2,4-TRICHLOROBENZENE	ug/kg	SW8260	9500	UJ	1100	J	28000	UJ	5900	UJ	10000	UJ	6200	UJ
1,2-DICHLOROBENZENE	ug/kg	SW8260	13000	J	13000	J	48000	J	7100	J	14000	J	7900	J
1,3,5-TRICHLOROBENZENE	ug/kg	SW8260	9500	UJ	5500	UJ	28000	UJ	5900	UJ	10000	UJ	6200	UJ
1,3-DICHLOROBENZENE	ug/kg	SW8260	9500	UJ	5500	UJ	28000	UJ	5900	UJ	10000	UJ	6200	UJ
1,4-DICHLOROBENZENE	ug/kg	SW8260	15000	J	8100	J	40000	J	9400	J	41000	J	16000	J
BENZENE	ug/kg	SW8260	3600	J	1700	J	4500	J	1000	J	5500	J	6500	J
CHLOROBENZENE	ug/kg	SW8260	27000	J	12000	J	31000	J	8000	J	150000	J	26000	J
ETHYLBENZENE	ug/kg	SW8260	1500	J	5500	UJ	28000	UJ	5900	UJ	2300	J	1700	J
NAPHTHALENE	ug/kg	SW8260	110000	J	69000	J	340000	J	72000	J	100000	J	97000	J
TOLUENE	ug/kg	SW8260	7000	J	2400	J	8200	J	890	J	13000	J	15000	J
XYLENES, TOTAL	ug/kg	SW8260	29000	J	13000	J	73000	J	10000	J	35000	J	35000	J
ACENAPHTHENE	ug/kg	SW8270	64	J	110	J	170	J	130	J	120	J	190	J
ACENAPHTHYLENE	ug/kg	SW8270	620	J	770	J	1200	J	1300	J	730	J	750	J
ANTHRACENE	ug/kg	SW8270	670	J	1300	J	950	J	1100	J	3500	J	1000	J
BENZO(A)ANTHRACENE	ug/kg	SW8270	94	J	210	J	190	J	170	J	820	J	220	J
BENZO(A)PYRENE	ug/kg	SW8270	43	J	78	J	120	J	74	J	630	J	130	J
BENZO(B)FLUORANTHENE	ug/kg	SW8270	57	J	140	J	140	J	89	J	810	J	170	J
BENZO(G,H,I)PERYLENE	ug/kg	SW8270	27	J	48	J	71	J	47	J	360	J	69	J
BENZO(K)FLUORANTHENE	ug/kg	SW8270	84	UJ	57	J	62	J	46	J	370	J	63	J
CHRYSENE	ug/kg	SW8270	170	J	330	J	290	J	270	J	1300	J	300	J
DIBENZO(A,H)ANTHRACENE	ug/kg	SW8270	34	J	22	J	29	J	21	J	120	J	42	J
FLUORANTHENE	ug/kg	SW8270	570	J	800	J	880	J	690	J	2200	J	870	J
FLUORENE	ug/kg	SW8270	84	UJ	91	UJ	94	UJ	99	UJ	140	UJ	82	UJ
INDENO(1,2,3-CD)PYRENE	ug/kg	SW8270	23	J	43	J	60	J	39	J	340	J	62	J
PHENANTHRENE	ug/kg	SW8270	1600	J	1900	J	2200	J	1700	J	5100	J	2100	J
PHENOL	ug/kg	SW8270	310	J	2000	J	1900	J	3300	J	180	J	280	J
PYRENE	ug/kg	SW8270	420	J	620	J	680	J	630	J	1700	J	620	J
SULFIDE	mg/kg	SW9030	380	UJ	409	UJ	423	UJ	445	UJ	313	UJ	371	UJ
pH	S.U.	SW9045	12.4		12.4		12.4		12.4		12.4		12.4	

Table 3A
Onondaga Lake Phase II Pre-Design Investigation
Summary of Sediment Analytical Results

		Location	OL-VC-10078A		OL-VC-10078A		OL-VC-10078A		OL-VC-10078A		OL-VC-10078A		OL-VC-10079	
		Sample Depth	3.3-6.6 Ft		6.6-9.9 Ft		9.9-13.2 Ft		13.2-16.5 Ft		16.5-19.8 Ft		0.0-3.3 Ft	
		Field Sample ID	OL-0171-09		OL-0171-10		OL-0171-11		OL-0171-12		OL-0171-13		OL-0165-07	
		Matrix	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
		Sample Purpose	Field Duplicate		Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample	
		Sample Date	8/24/2006		8/24/2006		8/24/2006		8/24/2006		8/24/2006		8/22/2006	
		Sample Delivery Group	213574|6H250219 C6H250213		213574|6H250219 C6H250213		213574|6H250219 C6H250213		213574|6H250219 C6H250213		213574|6H250219 C6H250213		6H230156 C6H230179	
Parameter Name	Units	Analytical Method												
SOLIDS, PERCENT	%	ASTM D2216	42		42.7		37		37.1		37.6		41.7	
SOLIDS, PERCENT	%	E160.3	39.3		40		35.6		34.2		40.7		42.4	
NITROGEN, AMMONIA (AS N)	mg/kg	E350.1	120	J	120	J	180	J	200	J	190	J	86.4	J
TOTAL ORGANIC CARBON	mg/kg	Lloyd Kahn	46200	J	30300	J	20700	J	22600		48500	J	39500	J
MERCURY	mg/kg	SW7471	0.49	J	0.42	J	0.58	J	0.81	J	0.66	J	3.7	J
AROCLOR-1016	ug/kg	SW8082	42	UJ	41	UJ	46	UJ	48	UJ	41	UJ	39	UJ
AROCLOR-1221	ug/kg	SW8082	42	UJ	41	UJ	46	UJ	48	UJ	41	UJ	39	UJ
AROCLOR-1232	ug/kg	SW8082	42	UJ	41	UJ	46	UJ	48	UJ	41	UJ	39	UJ
AROCLOR-1242	ug/kg	SW8082	42	UJ	41	UJ	46	UJ	48	UJ	41	UJ	39	UJ
AROCLOR-1248	ug/kg	SW8082	41	J	97	J	46	UJ	48	UJ	41	UJ	39	UJ
AROCLOR-1254	ug/kg	SW8082	45	J	130	J	46	UJ	40	J	24	J	39	UJ
AROCLOR-1260	ug/kg	SW8082	42	UJ	41	UJ	46	UJ	48	UJ	41	UJ	39	UJ
AROCLOR-1268	ug/kg	SW8082	42	UJ	41	UJ	46	UJ	48	UJ	41	UJ	39	UJ
PCBS, N.O.S.	ug/kg	SW8082	86	J	227	J	46	UJ	40	J	24	J	39	UJ
1,2,3-TRICHLOROBENZENE	ug/kg	SW8260	9500	UJ	3100	UJ	700	UJ	11000	UJ	9200	UJ	3000	UJ
1,2,4-TRICHLOROBENZENE	ug/kg	SW8260	9500	UJ	1100	J	700	UJ	11000	UJ	9200	UJ	3000	UJ
1,2-DICHLOROBENZENE	ug/kg	SW8260	11000	J	5000	J	3300	J	51000	J	44000	J	2000	J
1,3,5-TRICHLOROBENZENE	ug/kg	SW8260	9500	UJ	3100	UJ	700	UJ	11000	UJ	9200	UJ	3000	UJ
1,3-DICHLOROBENZENE	ug/kg	SW8260	9500	UJ	3100	UJ	700	UJ	11000	UJ	9200	UJ	3000	UJ
1,4-DICHLOROBENZENE	ug/kg	SW8260	20000	J	4600	J	11000	J	160000	J	140000	J	2900	J
BENZENE	ug/kg	SW8260	6800	J	1100	J	420	J	6400	J	5900	J	1000	J
CHLOROBENZENE	ug/kg	SW8260	33000	J	5600	J	3700	J	58000	J	50000	J	2100	J
ETHYLBENZENE	ug/kg	SW8260	2300	J	3100	UJ	160	J	2400	J	2200	J	3000	UJ
NAPHTHALENE	ug/kg	SW8260	130000	J	39000	J	8600	J	170000	J	150000	J	48000	J
TOLUENE	ug/kg	SW8260	19000	J	1900	J	820	J	13000	J	11000	J	740	J
XYLENES, TOTAL	ug/kg	SW8260	43000	J	8600	J	4200	J	65000	J	58000	J	8200	J
ACENAPHTHENE	ug/kg	SW8270	220	J	42	J	65	J	100	J	170	J	93	J
ACENAPHTHYLENE	ug/kg	SW8270	850	J	440	J	560	J	920	J	1300	J	500	J
ANTHRACENE	ug/kg	SW8270	1200	J	530	J	830	J	1100	J	870	J	1300	J
BENZO(A)ANTHRACENE	ug/kg	SW8270	260	J	98	J	110	J	220	J	160	J	260	J
BENZO(A)PYRENE	ug/kg	SW8270	140	J	47	J	36	J	120	J	88	J	180	J
BENZO(B)FLUORANTHENE	ug/kg	SW8270	190	J	68	J	69	J	150	J	100	J	220	J
BENZO(G,H,I)PERYLENE	ug/kg	SW8270	76	J	29	J	28	J	75	J	56	J	110	J
BENZO(K)FLUORANTHENE	ug/kg	SW8270	79	J	31	J	94	UJ	66	J	55	J	95	J
CHRYSENE	ug/kg	SW8270	370	J	160	J	180	J	320	J	240	J	450	J
DIBENZO(A,H)ANTHRACENE	ug/kg	SW8270	26	J	83	UJ	94	UJ	24	J	20	J	79	UJ
FLUORANTHENE	ug/kg	SW8270	1000	J	470	J	460	J	1200	J	700	J	1200	J
FLUORENE	ug/kg	SW8270	85	UJ	83	UJ	94	UJ	97	UJ	82	UJ	79	UJ
INDENO(1,2,3-CD)PYRENE	ug/kg	SW8270	68	J	22	J	21	J	63	J	44	J	89	J
PHENANTHRENE	ug/kg	SW8270	2400	J	1100	J	1200	J	2400	J	2100	J	2200	J
PHENOL	ug/kg	SW8270	290	J	320	J	2000	J	3100	J	4200	J	2000	J
PYRENE	ug/kg	SW8270	730	J	330	J	390	J	820	J	560	J	880	J
SULFIDE	mg/kg	SW9030	382	UJ	375	UJ	421	UJ	438	UJ	369	UJ	212	UJ
pH	S.U.	SW9045	12.4		12.4		12.2		12.3		12.3		12.1	

Table 3A
Onondaga Lake Phase II Pre-Design Investigation
Summary of Sediment Analytical Results

		Location	OL-VC-10079		OL-VC-10079		OL-VC-10079		OL-VC-10079		OL-VC-10079		OL-VC-10079	
		Sample Depth	3.3-6.6 Ft		6.6-9.9 Ft		9.9-13.2 Ft		13.2-16.5 Ft		16.5-18.9 Ft		16.5-18.9 Ft	
		Field Sample ID	OL-0165-08		OL-0165-09		OL-0165-10		OL-0165-11		OL-0165-12		OL-0165-13	
		Matrix	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
		Sample Purpose	Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample		Field Duplicate	
		Sample Date	8/22/2006		8/22/2006		8/22/2006		8/22/2006		8/22/2006		8/22/2006	
		Sample Delivery Group	6H230156 C6H230179		6H230156 C6H230179		6H230156 C6H230179		6H230156 C6H230179		6H230156 C6H230179		6H230156 C6H230179	
Parameter Name	Units	Analytical Method												
SOLIDS, PERCENT	%	ASTM D2216	38.3		33.7		35.1		34.3		37.7		38.2	
SOLIDS, PERCENT	%	E160.3	34.9		37.2		34.1		35.3		34.6		38.7	
NITROGEN, AMMONIA (AS N)	mg/kg	E350.1	222	J	164	J	180	J	160	J	291	J	209	J
TOTAL ORGANIC CARBON	mg/kg	Lloyd Kahn	39200	J	48500	J	90200	J	74000	J	68900	J	70400	J
MERCURY	mg/kg	SW7471	0.53	J	0.61	J	0.54	J	0.42	J	0.46	J	0.42	J
AROCLOR-1016	ug/kg	SW8082	47	UJ	44	UJ		R	47	UJ	48	UJ	43	UJ
AROCLOR-1221	ug/kg	SW8082	47	UJ	44	UJ		R	47	UJ	48	UJ	43	UJ
AROCLOR-1232	ug/kg	SW8082	47	UJ	44	UJ		R	47	UJ	48	UJ	43	UJ
AROCLOR-1242	ug/kg	SW8082	47	UJ	150	J		R	47	UJ	160	J	43	UJ
AROCLOR-1248	ug/kg	SW8082	47	UJ	44	UJ		R	47	UJ	48	UJ	40	J
AROCLOR-1254	ug/kg	SW8082	47	UJ	44	UJ		R	47	UJ	48	UJ	43	UJ
AROCLOR-1260	ug/kg	SW8082	47	UJ	44	UJ		R	47	UJ	48	UJ	43	UJ
AROCLOR-1268	ug/kg	SW8082	47	UJ	44	UJ		R	47	UJ	48	UJ	43	UJ
PCBS, N.O.S.	ug/kg	SW8082	47	UJ	150	J		R	47	UJ	160	J	40	J
1,2,3-TRICHLOROBENZENE	ug/kg	SW8260	36000	UJ	3400	UJ	7300	UJ	11000	UJ	11000	UJ	13000	UJ
1,2,4-TRICHLOROBENZENE	ug/kg	SW8260	36000	UJ	2300	J	7300	UJ	11000	UJ	11000	UJ	13000	UJ
1,2-DICHLOROBENZENE	ug/kg	SW8260	33000	J	13000	J	3400	J	11000	UJ	11000	UJ	13000	UJ
1,3,5-TRICHLOROBENZENE	ug/kg	SW8260	36000	UJ	3400	UJ	7300	UJ	11000	UJ	11000	UJ	13000	UJ
1,3-DICHLOROBENZENE	ug/kg	SW8260	36000	UJ	3400	UJ	7300	UJ	11000	UJ	11000	UJ	13000	UJ
1,4-DICHLOROBENZENE	ug/kg	SW8260	52000	J	8900	J	4300	J	2000	J	2600	J	3700	J
BENZENE	ug/kg	SW8260	6500	J	2000	J	3000	J	1900	J	11000	UJ	13000	UJ
CHLOROBENZENE	ug/kg	SW8260	23000	J	5200	J	4100	J	2800	J	3600	J	5000	J
ETHYLBENZENE	ug/kg	SW8260	4300	J	3400	UJ	1200	J	1400	J	1600	J	1900	J
NAPHTHALENE	ug/kg	SW8260	500000	J	55000	J	170000	J	190000	J	150000	J	210000	J
TOLUENE	ug/kg	SW8260	8800	J	1600	J	3700	J	3500	J	11000	UJ	1900	J
XYLENES, TOTAL	ug/kg	SW8260	110000	J	9500	J	24000	J	25000	J	18000	J	35000	J
ACENAPHTHENE	ug/kg	SW8270	52	J	160	J	94	J	98	J	200	J	170	J
ACENAPHTHYLENE	ug/kg	SW8270	560	J	1500	J	730	J	690	J	1700	J	1400	J
ANTHRACENE	ug/kg	SW8270	840	J	1300	J	1200	J	620	J	1100	J	970	J
BENZO(A)ANTHRACENE	ug/kg	SW8270	160	J	280	J	160	J	120	J	310	J	320	J
BENZO(A)PYRENE	ug/kg	SW8270	82	J	150	J	73	J	62	J	200	J	200	J
BENZO(B)FLUORANTHENE	ug/kg	SW8270	98	J	170	J	99	J	76	J	250	J	260	J
BENZO(G,H,I)PERYLENE	ug/kg	SW8270	50	J	86	J	51	J	45	J	140	J	140	J
BENZO(K)FLUORANTHENE	ug/kg	SW8270	48	J	85	J	55	J	44	J	110	J	100	J
CHRYSENE	ug/kg	SW8270	260	J	480	J	340	J	210	J	540	J	550	J
DIBENZO(A,H)ANTHRACENE	ug/kg	SW8270	18	J	48	J	35	J	23	J	51	J	51	J
FLUORANTHENE	ug/kg	SW8270	790	J	1200	J	1000	J	410	J	1200	J	1100	J
FLUORENE	ug/kg	SW8270	48	UJ	90	UJ	98	UJ	94	UJ	96	UJ	86	UJ
INDENO(1,2,3-CD)PYRENE	ug/kg	SW8270	42	J	80	J	48	J	41	J	130	J	130	J
PHENANTHRENE	ug/kg	SW8270	2200	J	2600	J	2800	J	1100	J	2900	J	2400	J
PHENOL	ug/kg	SW8270	2800	J	940	J	470	J	330	J	810	J	630	J
PYRENE	ug/kg	SW8270	480	J	830	J	650	J	260	J	780	J	790	J
SULFIDE	mg/kg	SW9030	68.7	J	242	UJ	129	J	125	J	86.7	UJ	77.6	UJ
pH	S.U.	SW9045	12.3		12.2		12.3		12.3		12.2		12.3	

Table 3A
Onondaga Lake Phase II Pre-Design Investigation
Summary of Sediment Analytical Results

		Location	OL-VC-10080		OL-VC-10080		OL-VC-10080		OL-VC-10080		OL-VC-10080		OL-VC-10080	
		Sample Depth	0.0-3.3 Ft		3.3-6.6 Ft		6.6-9.9 Ft		9.9-13.2 Ft		13.2-16.5 Ft		16.5-19.3 Ft	
		Field Sample ID	OL-0139-01		OL-0139-02		OL-0139-03		OL-0139-04		OL-0139-05		OL-0139-06	
		Matrix	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
		Sample Purpose	Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample	
		Sample Date	8/14/2006		8/14/2006		8/14/2006		8/14/2006		8/14/2006		8/14/2006	
		Sample Delivery Group	6H150263 C6H150272		6H150263 C6H150272		6H150263 C6H150272		6H150263 C6H150272		6H150263 C6H150272		6H150263 C6H150272	
Parameter Name	Units	Analytical Method												
SOLIDS, PERCENT	%	ASTM D2216	40.9		50.9		32.1		32.6		30		36.5	
SOLIDS, PERCENT	%	E160.3	37.6		47.5		31.2		29		27.3		33.3	
NITROGEN, AMMONIA (AS N)	mg/kg	E350.1	118	J	102	J	169	J	143	J	146	J	144	J
TOTAL ORGANIC CARBON	mg/kg	Lloyd Kahn	50200	J	77800		12700	J	12000	J	22100	J	21200	J
MERCURY	mg/kg	SW7471	0.99	J	1.7	J	0.29	J	0.2	J	0.18	J	0.18	J
AROCLOR-1016	ug/kg	SW8082	44	UJ	35	UJ	53	UJ	57	UJ	60	UJ	50	UJ
AROCLOR-1221	ug/kg	SW8082	44	UJ	35	UJ	53	UJ	57	UJ	60	UJ	50	UJ
AROCLOR-1232	ug/kg	SW8082	44	UJ	35	UJ	53	UJ	57	UJ	60	UJ	50	UJ
AROCLOR-1242	ug/kg	SW8082	44	UJ	35	UJ	53	UJ	57	UJ	60	UJ	50	UJ
AROCLOR-1248	ug/kg	SW8082	44	UJ	35	UJ	53	UJ	57	UJ	60	UJ	50	UJ
AROCLOR-1254	ug/kg	SW8082	44	UJ	35	UJ	53	UJ	57	UJ	60	UJ	50	UJ
AROCLOR-1260	ug/kg	SW8082	83	J	35	UJ	53	UJ	57	UJ	60	UJ	50	UJ
AROCLOR-1268	ug/kg	SW8082	44	UJ	35	UJ	53	UJ	57	UJ	60	UJ	50	UJ
PCBS, N.O.S.	ug/kg	SW8082	83	J	35	UJ	53	UJ	57	UJ	60	UJ	50	UJ
1,2,3-TRICHLOROBENZENE	ug/kg	SW8260	670	UJ	1100	UJ	16	UJ	860	UJ	18	UJ	750	UJ
1,2,4-TRICHLOROBENZENE	ug/kg	SW8260	670	UJ	1100	UJ	16	UJ	860	UJ	18	UJ	750	UJ
1,2-DICHLOROBENZENE	ug/kg	SW8260	710	J	1300	J	16	UJ	860	UJ	18	UJ	750	UJ
1,3,5-TRICHLOROBENZENE	ug/kg	SW8260	670	UJ	1100	UJ	16	UJ	860	UJ	18	UJ	750	UJ
1,3-DICHLOROBENZENE	ug/kg	SW8260	670	UJ	1100	UJ	16	UJ	860	UJ	18	UJ	750	UJ
1,4-DICHLOROBENZENE	ug/kg	SW8260	900	J	1800	J	16	UJ	860	UJ	18	UJ	750	UJ
BENZENE	ug/kg	SW8260	190	J	320	J	16	UJ	860	UJ	18	UJ	750	UJ
CHLOROBENZENE	ug/kg	SW8260	180	J	470	J	16	UJ	860	UJ	18	UJ	750	UJ
ETHYLBENZENE	ug/kg	SW8260	170	J	310	J	16	UJ	860	UJ	18	UJ	750	UJ
NAPHTHALENE	ug/kg	SW8260	23000	J	34000	J	34	J	1200	J	17	J	790	J
TOLUENE	ug/kg	SW8260	460	J	810	J	3.7	J	860	UJ	3.6	J	750	UJ
XYLENES, TOTAL	ug/kg	SW8260	3800	J	6700	J	48	UJ	2600	UJ	55	UJ	2300	UJ
ACENAPHTHENE	ug/kg	SW8270	120	J	680	J	53	J	16	J	5	J	50	UJ
ACENAPHTHYLENE	ug/kg	SW8270	770	J	1200	J	100	J	16	J	6.4	J	16	J
ANTHRACENE	ug/kg	SW8270	2100	J	3200	J	320	J	51	J	14	J	65	J
BENZO(A)ANTHRACENE	ug/kg	SW8270	680	J	3700	J	410	J	67	J	21	J	140	J
BENZO(A)PYRENE	ug/kg	SW8270	400	J	2200	J	270	J	45	J	13	J	96	J
BENZO(B)FLUORANTHENE	ug/kg	SW8270	570	J	2600	J	250	J	53	J	14	J	110	J
BENZO(G,H,I)PERYLENE	ug/kg	SW8270	250	J	1200	J	170	J	27	J	7.1	J	53	J
BENZO(K)FLUORANTHENE	ug/kg	SW8270	230	J	1300	J	100	J	19	J	5.8	J	50	J
CHRYSENE	ug/kg	SW8270	1000	J	3400	J	380	J	70	J	24	J	140	J
DIBENZO(A,H)ANTHRACENE	ug/kg	SW8270	71	J	510	J	34	J	7.8	J	12	UJ	14	J
FLUORANTHENE	ug/kg	SW8270	1900	J	5700	J	630	J	140	J	44	J	170	J
FLUORENE	ug/kg	SW8270	180	UJ	700	UJ	97	J	15	J	4.7	J	50	UJ
INDENO(1,2,3-CD)PYRENE	ug/kg	SW8270	230	J	1200	J	120	J	23	J	6	J	46	J
PHENANTHRENE	ug/kg	SW8270	3700	J	7800	J	1100	J	220	J	48	J	210	J
PHENOL	ug/kg	SW8270	4500	J	4600	J	870	J	510	J	360	J	1300	J
PYRENE	ug/kg	SW8270	1800	J	5500	J	1000	J	150	J	44	J	210	J
SULFIDE	mg/kg	SW9030	63.8	J	471	J	96.1	UJ	104	UJ	110	UJ	90	UJ
pH	S.U.	SW9045	11.5		11.1		10.8		10.4		10.3		10.9	

Table 3A
Onondaga Lake Phase II Pre-Design Investigation
Summary of Sediment Analytical Results

		Location	OL-VC-10080A		OL-VC-10080A		OL-VC-10080A		OL-VC-10080A		OL-VC-10080A		OL-VC-10080A	
		Sample Depth	0.0-3.3 Ft		3.3-6.6 Ft		3.3-6.6 Ft		6.6-9.9 Ft		9.9-13.2 Ft		13.2-16.5 Ft	
		Field Sample ID	OL-0139-07		OL-0139-08		OL-0139-09		OL-0139-10		OL-0139-11		OL-0139-12	
		Matrix	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
		Sample Purpose	Regular Sample		Regular Sample		Field Duplicate		Regular Sample		Regular Sample		Regular Sample	
		Sample Date	8/14/2006		8/14/2006		8/14/2006		8/14/2006		8/14/2006		8/14/2006	
		Sample Delivery Group	6H150263 C6H150272		6H150263 C6H150272		6H150263 C6H150272		6H150263 C6H150272		6H150263 C6H150272		6H150263 C6H150272	
Parameter Name	Units	Analytical Method												
SOLIDS, PERCENT	%	ASTM D2216	41.7		50.1		49.1		34.8		32.3		37.1	
SOLIDS, PERCENT	%	E160.3	37.2		47.1		48.2		32.3		27.4		31.2	
NITROGEN, AMMONIA (AS N)	mg/kg	E350.1	103	J	127	J	123	J	175	J	287	J	123	J
TOTAL ORGANIC CARBON	mg/kg	Lloyd Kahn	54500	J	47300		43000	J	13800	J	6380	J	11800	J
MERCURY	mg/kg	SW7471	0.88	J	1.8	J	2.1	J	0.23	J	0.17	J	0.17	J
AROCLOR-1016	ug/kg	SW8082	44	UJ	35	UJ	34	UJ	51	UJ	60	UJ	53	UJ
AROCLOR-1221	ug/kg	SW8082	44	UJ	35	UJ	34	UJ	51	UJ	60	UJ	53	UJ
AROCLOR-1232	ug/kg	SW8082	44	UJ	35	UJ	34	UJ	51	UJ	60	UJ	53	UJ
AROCLOR-1242	ug/kg	SW8082	44	UJ	35	UJ	34	UJ	51	UJ	60	UJ	53	UJ
AROCLOR-1248	ug/kg	SW8082	44	UJ	35	UJ	34	UJ	51	UJ	60	UJ	53	UJ
AROCLOR-1254	ug/kg	SW8082	44	UJ	35	UJ	34	UJ	51	UJ	60	UJ	53	UJ
AROCLOR-1260	ug/kg	SW8082	72	J	35	UJ	34	UJ	51	UJ	60	UJ	53	UJ
AROCLOR-1268	ug/kg	SW8082	44	UJ	35	UJ	34	UJ	51	UJ	60	UJ	53	UJ
PCBS, N.O.S.	ug/kg	SW8082	72	J	35	UJ	34	UJ	51	UJ	60	UJ	53	UJ
1,2,3-TRICHLOROBENZENE	ug/kg	SW8260	1300	J	2700	UJ	5200	UJ	770	UJ	910	UJ	16	UJ
1,2,4-TRICHLOROBENZENE	ug/kg	SW8260	1000	J	2700	UJ	5200	UJ	770	UJ	910	UJ	16	UJ
1,2-DICHLOROBENZENE	ug/kg	SW8260	16000	J	1700	J	3300	J	770	UJ	910	UJ	16	UJ
1,3,5-TRICHLOROBENZENE	ug/kg	SW8260	1300	UJ	2700	UJ	5200	UJ	770	UJ	910	UJ	16	UJ
1,3-DICHLOROBENZENE	ug/kg	SW8260	1300	UJ	2700	UJ	5200	UJ	770	UJ	910	UJ	16	UJ
1,4-DICHLOROBENZENE	ug/kg	SW8260	36000	J	2000	J	3700	J	770	UJ	910	UJ	16	UJ
BENZENE	ug/kg	SW8260	740	J	2700	UJ	5200	UJ	770	UJ	910	UJ	16	UJ
CHLOROBENZENE	ug/kg	SW8260	9400	J	2700	UJ	5200	UJ	770	UJ	910	UJ	16	UJ
ETHYLBENZENE	ug/kg	SW8260	540	J	2700	UJ	750	J	770	UJ	910	UJ	16	UJ
NAPHTHALENE	ug/kg	SW8260	51000	J	57000	J	98000	J	2700	J	2400	J	16	J
TOLUENE	ug/kg	SW8260	1000	J	800	J	1500	J	770	UJ	910	UJ	16	UJ
XYLENES, TOTAL	ug/kg	SW8260	9500	J	6500	J	13000	J	330	J	2700	UJ	48	UJ
ACENAPHTHENE	ug/kg	SW8270	100	J	840	J	1500	J	48	J	15	J	53	UJ
ACENAPHTHYLENE	ug/kg	SW8270	610	J	1000	J	1400	J	91	J	14	J	24	J
ANTHRACENE	ug/kg	SW8270	1200	J	3700	J	5000	J	190	J	39	J	53	J
BENZO(A)ANTHRACENE	ug/kg	SW8270	420	J	2400	J	3000	J	320	J	50	J	110	J
BENZO(A)PYRENE	ug/kg	SW8270	240	J	1500	J	1600	J	230	J	34	J	73	J
BENZO(B)FLUORANTHENE	ug/kg	SW8270	350	J	1800	J	2100	J	220	J	40	J	83	J
BENZO(G,H,I)PERYLENE	ug/kg	SW8270	150	J	830	J	900	J	160	J	23	J	42	J
BENZO(K)FLUORANTHENE	ug/kg	SW8270	140	J	890	J	750	J	95	J	14	J	35	J
CHRYSENE	ug/kg	SW8270	600	J	2300	J	3000	J	320	J	53	J	110	J
DIBENZO(A,H)ANTHRACENE	ug/kg	SW8270	42	J	340	J	370	J	36	J	5.9	J	12	J
FLUORANTHENE	ug/kg	SW8270	1100	J	4400	J	6000	J	390	J	84	J	130	J
FLUORENE	ug/kg	SW8270	180	UJ	710	UJ	690	UJ	74	J	14	J	53	UJ
INDENO(1,2,3-CD)PYRENE	ug/kg	SW8270	140	J	840	J	930	J	120	J	19	J	37	J
PHENANTHRENE	ug/kg	SW8270	2200	J	9700	J	13000	J	640	J	150	J	180	J
PHENOL	ug/kg	SW8270	2000	J	1400	J	1800	J	1300	J	1500	J	1300	J
PYRENE	ug/kg	SW8270	1100	J	4100	J	5600	J	640	J	110	J	150	J
SULFIDE	mg/kg	SW9030	86.1	J	442	J	781	J	92.8	UJ	110	UJ	96.1	UJ
pH	S.U.	SW9045	10.5		10.7		10.4		10.9		11		11	

Table 3A
Onondaga Lake Phase II Pre-Design Investigation
Summary of Sediment Analytical Results

		Location	OL-VC-10080A		OL-VC-10081		OL-VC-10081		OL-VC-10081		OL-VC-10081		OL-VC-10081	
		Sample Depth	16.5-19.3 Ft		0.0-3.3 Ft		3.3-6.6 Ft		6.6-9.9 Ft		9.9-13.2 Ft		13.2-16.5 Ft	
		Field Sample ID	OL-0139-13		OL-0146-14		OL-0146-15		OL-0146-16		OL-0146-17		OL-0146-18	
		Matrix	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
		Sample Purpose	Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample	
		Sample Date	8/14/2006		8/16/2006		8/16/2006		8/16/2006		8/16/2006		8/16/2006	
		Sample Delivery Group	6H150263 C6H150272		68019453|6H1701 92 C6H170212		68019453|6H1701 92 C6H170212		68019453|6H1701 92 C6H170212		68019453|6H1701 92 C6H170212		68019453|6H1701 92 C6H170212	
Parameter Name	Units	Analytical Method												
SOLIDS, PERCENT	%	ASTM D2216	37.6		43.2		39.5		38.5		36		35	
SOLIDS, PERCENT	%	E160.3	32.6		40.9		34.4		34.1		34.2		34.5	
NITROGEN, AMMONIA (AS N)	mg/kg	E350.1	148	J	129	J	136	J	212	J	170	J	197	J
TOTAL ORGANIC CARBON	mg/kg	Lloyd Kahn	13300	J	48900	J	33000	J	43700	J	38200	J	17300	J
MERCURY	mg/kg	SW7471	0.21	J	2.1	J	0.55	J	0.57	J	0.42	J	0.54	J
AROCLOR-1016	ug/kg	SW8082	51	UJ	40	UJ	48	UJ	48	UJ	48	UJ	48	UJ
AROCLOR-1221	ug/kg	SW8082	51	UJ	40	UJ	48	UJ	48	UJ	48	UJ	48	UJ
AROCLOR-1232	ug/kg	SW8082	51	UJ	40	UJ	48	UJ	48	UJ	48	UJ	48	UJ
AROCLOR-1242	ug/kg	SW8082	51	UJ	40	UJ	48	UJ	48	UJ	48	UJ	48	UJ
AROCLOR-1248	ug/kg	SW8082	51	UJ	40	UJ	48	UJ	48	UJ	48	UJ	48	UJ
AROCLOR-1254	ug/kg	SW8082	51	UJ	40	UJ	48	UJ	54	J	48	UJ	48	UJ
AROCLOR-1260	ug/kg	SW8082	51	UJ	50	J	27	J	48	UJ	48	UJ	48	UJ
AROCLOR-1268	ug/kg	SW8082	51	UJ	40	UJ	48	UJ	48	UJ	48	UJ	48	UJ
PCBS, N.O.S.	ug/kg	SW8082	51	UJ	50	J	27	J	54	J	48	UJ	48	UJ
1,2,3-TRICHLOROBENZENE	ug/kg	SW8260	15	UJ	3100	UJ	7300	UJ	3700	UJ	3700	UJ	3600	UJ
1,2,4-TRICHLOROBENZENE	ug/kg	SW8260	15	UJ	3100	UJ	1900	J	3700	UJ	3700	UJ	3600	UJ
1,2-DICHLOROBENZENE	ug/kg	SW8260	15	UJ	2600	J	17000	J	6000	J	3100	J	9400	J
1,3,5-TRICHLOROBENZENE	ug/kg	SW8260	15	UJ	3100	UJ	7300	UJ	3700	UJ	3700	UJ	3600	UJ
1,3-DICHLOROBENZENE	ug/kg	SW8260	15	UJ	3100	UJ	7300	UJ	3700	UJ	3700	UJ	3600	UJ
1,4-DICHLOROBENZENE	ug/kg	SW8260	15	UJ	3200	J	31000	J	16000	J	7600	J	14000	J
BENZENE	ug/kg	SW8260	15	UJ	3600	J	4000	J	760	J	2500	J	4900	J
CHLOROBENZENE	ug/kg	SW8260	15	UJ	9800	J	29000	J	50000	J	19000	J	33000	J
ETHYLBENZENE	ug/kg	SW8260	15	UJ	1300	J	1800	J	3700	UJ	3700	UJ	3600	UJ
NAPHTHALENE	ug/kg	SW8260	32	J	84000	J	150000	J	58000	J	55000	J	83000	J
TOLUENE	ug/kg	SW8260	4.8	J	4900	J	6500	J	630	J	1300	J	4500	J
XYLENES, TOTAL	ug/kg	SW8260	46	UJ	18000	J	32000	J	9600	J	7800	J	40000	J
ACENAPHTHENE	ug/kg	SW8270	14	J	120	J	140	J	500	J	48	J	50	J
ACENAPHTHYLENE	ug/kg	SW8270	13	J	910	J	1100	J	1000	J	340	J	520	J
ANTHRACENE	ug/kg	SW8270	54	J	1400	J	1100	J	1300	J	610	J	460	J
BENZO(A)ANTHRACENE	ug/kg	SW8270	96	J	350	J	300	J	340	J	130	J	110	J
BENZO(A)PYRENE	ug/kg	SW8270	75	J	230	J	130	J	170	J	50	J	53	J
BENZO(B)FLUORANTHENE	ug/kg	SW8270	94	J	300	J	260	J	230	J	93	J	72	J
BENZO(G,H,I)PERYLENE	ug/kg	SW8270	44	J	120	J	63	J	76	J	28	J	26	J
BENZO(K)FLUORANTHENE	ug/kg	SW8270	30		130	J	190	UJ	110	J	40	J	97	UJ
CHRYSENE	ug/kg	SW8270	98	J	540	J	530	J	440	J	220	J	160	J
DIBENZO(A,H)ANTHRACENE	ug/kg	SW8270	12	J	160	UJ	190	UJ	200	UJ	97	UJ	97	UJ
FLUORANTHENE	ug/kg	SW8270	160	J	1500	J	1200	J	1600	J	1300	J	460	J
FLUORENE	ug/kg	SW8270	16	J	160	UJ	190	UJ	200	UJ	97	UJ	97	UJ
INDENO(1,2,3-CD)PYRENE	ug/kg	SW8270	38	J	110	J	61	J	70	J	22	J	22	J
PHENANTHRENE	ug/kg	SW8270	210	J	2500	J	3400	J	3300	J	1100	J	940	J
PHENOL	ug/kg	SW8270	3200	J	1400	J	1100	J	1100	J	1500	J	2300	J
PYRENE	ug/kg	SW8270	160	J	1200	J	700	J	1000	J	790	J	320	J
SULFIDE	mg/kg	SW9030	92.2	UJ	65	U	74	U	74	U	67	U	72	U
pH	S.U.	SW9045	11		12.1		12.3		12.3		12.3		12.3	

Table 3A
Onondaga Lake Phase II Pre-Design Investigation
Summary of Sediment Analytical Results

		Location	OL-VC-10081		OL-VC-10081A		OL-VC-10081A		OL-VC-10081A		OL-VC-10081A		OL-VC-10081A	
		Sample Depth	16.5-19.8 Ft		0.0-3.3 Ft		3.3-6.6 Ft		6.6-9.9 Ft		9.9-13.2 Ft		13.2-16.5 Ft	
		Field Sample ID	OL-0146-19		OL-0147-01		OL-0147-02		OL-0147-03		OL-0147-04		OL-0147-05	
		Matrix	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
		Sample Purpose	Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample	
		Sample Date	8/16/2006		8/16/2006		8/16/2006		8/16/2006		8/16/2006		8/16/2006	
		Sample Delivery Group	68019453|6H1701 92 C6H170212		6H170198 C6H170217		6H170198 C6H170217		6H170198 C6H170217		6H170198 C6H170217		6H170198 C6H170217	
Parameter Name	Units	Analytical Method												
SOLIDS, PERCENT	%	ASTM D2216	39		43.9		37.1		36.4		39.8		33.8	
SOLIDS, PERCENT	%	E160.3	35.2		45.8		36.1		33.1		36.9		32.4	
NITROGEN, AMMONIA (AS N)	mg/kg	E350.1	307	J	128	J	151	J	204	J	192	J	268	J
TOTAL ORGANIC CARBON	mg/kg	Lloyd Kahn	36900	J	100000	J	80200	J	78300	J	88800	J	61800	J
MERCURY	mg/kg	SW7471	0.46	J	3	J	0.71	J	0.61	J	0.49	J	0.44	J
AROCLOR-1016	ug/kg	SW8082	47	UJ	36	UJ	46	UJ	50	UJ	45	UJ	51	UJ
AROCLOR-1221	ug/kg	SW8082	47	UJ	36	UJ	46	UJ	50	UJ	45	UJ	51	UJ
AROCLOR-1232	ug/kg	SW8082	47	UJ	36	UJ	46	UJ	50	UJ	45	UJ	51	UJ
AROCLOR-1242	ug/kg	SW8082	47	UJ	36	UJ	46	UJ	50	UJ	45	UJ	51	UJ
AROCLOR-1248	ug/kg	SW8082	47	UJ	36	UJ	46	UJ	50	UJ	130	J	51	UJ
AROCLOR-1254	ug/kg	SW8082	47	UJ	36	UJ	46	UJ	50	UJ	45	UJ	51	UJ
AROCLOR-1260	ug/kg	SW8082	47	UJ	160	J	46	UJ	50	UJ	45	UJ	51	UJ
AROCLOR-1268	ug/kg	SW8082	47	UJ	36	UJ	46	UJ	50	UJ	45	UJ	51	UJ
PCBS, N.O.S.	ug/kg	SW8082	47	UJ	160	J	46	UJ	50	UJ	130	J	51	UJ
1,2,3-TRICHLOROBENZENE	ug/kg	SW8260	7100	UJ	1100	UJ	6900	UJ	3800	UJ	3400	UJ	3900	UJ
1,2,4-TRICHLOROBENZENE	ug/kg	SW8260	7100	UJ	1100	UJ	6900	UJ	3800	UJ	3400	UJ	3900	UJ
1,2-DICHLOROBENZENE	ug/kg	SW8260	12000	J	1700	J	16000	J	3100	J	6100	J	5100	J
1,3,5-TRICHLOROBENZENE	ug/kg	SW8260	7100	UJ	1100	UJ	6900	UJ	3800	UJ	3400	UJ	3900	UJ
1,3-DICHLOROBENZENE	ug/kg	SW8260	7100	UJ	1100	UJ	6900	UJ	3800	UJ	3400	UJ	3900	UJ
1,4-DICHLOROBENZENE	ug/kg	SW8260	8400	J	2700	J	34000	J	4800	J	11000	J	8800	J
BENZENE	ug/kg	SW8260	4100	J	2500	J	5100	J	1600	J	3100	J	2500	J
CHLOROBENZENE	ug/kg	SW8260	1800	J	10000	J	47000	J	2400	J	11000	J	25000	J
ETHYLBENZENE	ug/kg	SW8260	1500	J	560	J	1500	J	1700	J	1300	J	3900	UJ
NAPHTHALENE	ug/kg	SW8260	210000	J	27000	J	130000	J	78000	J	120000	J	95000	J
TOLUENE	ug/kg	SW8260	15000	J	2900	J	7600	J	2500	J	3000	J	1700	J
XYLENES, TOTAL	ug/kg	SW8260	35000	J	7500	J	26000	J	22000	J	21000	J	9500	J
ACENAPHTHENE	ug/kg	SW8270	110	J	120	J	88	J	320	J	150	J	47	J
ACENAPHTHYLENE	ug/kg	SW8270	900	J	390	J	830	J	860	J	890	J	360	J
ANTHRACENE	ug/kg	SW8270	760	J	1100	J	1100	J	1100	J	1300	J	580	J
BENZO(A)ANTHRACENE	ug/kg	SW8270	160	J	710	J	320	J	250	J	270	J	110	J
BENZO(A)PYRENE	ug/kg	SW8270	79	J	640	J	230	J	120	J	130	J	53	J
BENZO(B)FLUORANTHENE	ug/kg	SW8270	120	J	720	J	290	J	170	J	200	J	74	J
BENZO(G,H,I)PERYLENE	ug/kg	SW8270	40	J	310	J	110	J	54	J	80	J	29	J
BENZO(K)FLUORANTHENE	ug/kg	SW8270	190	UJ	380	J	110	J	62	J	83	J	44	J
CHRYSENE	ug/kg	SW8270	280	J	850	J	460	J	380	J	430	J	190	J
DIBENZO(A,H)ANTHRACENE	ug/kg	SW8270	190	UJ	100	J	26	J	100	UJ	180	UJ	100	UJ
FLUORANTHENE	ug/kg	SW8270	960	J	2000	J	1100	J	1200	J	1100	J	770	J
FLUORENE	ug/kg	SW8270	190	UJ	150	UJ	93	UJ	100	UJ	180	UJ	100	UJ
INDENO(1,2,3-CD)PYRENE	ug/kg	SW8270	39	J	310	J	100	J	48	J	65	J	24	J
PHENANTHRENE	ug/kg	SW8270	1600	J	2100	J	1700	J	3300	J	2000	J	1000	J
PHENOL	ug/kg	SW8270	3900	J	1500	J	870	J	500	J	1300	J	1700	J
PYRENE	ug/kg	SW8270	620	J	1300	J	760	J	720	J	820	J	500	J
SULFIDE	mg/kg	SW9030	68	U	65.6	UJ	83.2	UJ	90.6	UJ	81.4	UJ	92.5	UJ
pH	S.U.	SW9045	12.3		12		11.8		12.1		12.1		12.1	

Table 3A
Onondaga Lake Phase II Pre-Design Investigation
Summary of Sediment Analytical Results

		Location	OL-VC-10081A		OL-VC-10082		OL-VC-10082		OL-VC-10082		OL-VC-10082		OL-VC-10082	
		Sample Depth	16.5-19.6 Ft		0.0-3.3 Ft		3.3-6.6 Ft		6.6-9.9 Ft		9.9-13.2 Ft		13.2-16.5 Ft	
		Field Sample ID	OL-0147-06		OL-0161-01		OL-0161-02		OL-0161-03		OL-0161-04		OL-0161-05	
		Matrix	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
		Sample Purpose	Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample	
		Sample Date	8/16/2006		8/21/2006		8/21/2006		8/21/2006		8/21/2006		8/21/2006	
		Sample Delivery Group	6H170198 C6H170217		68019559|6H2202 44 C6H220232		68019559|6H2202 44 C6H220232		68019559|6H2202 44 C6H220232		68019559|6H2202 44 C6H220232		68019559|6H2202 44 C6H220232	
Parameter Name	Units	Analytical Method												
SOLIDS, PERCENT	%	ASTM D2216	37.8		34.2		40.8		35.6		33.8		41.1	
SOLIDS, PERCENT	%	E160.3	36.4		31.6		45.8		34.3		29.8		42.9	
NITROGEN, AMMONIA (AS N)	mg/kg	E350.1	464	J	1420	J	1180	J	615	J	565	J	237	J
TOTAL ORGANIC CARBON	mg/kg	Lloyd Kahn	78900	J	78300	J	74700	J	59500	J	37100	J	39900	J
MERCURY	mg/kg	SW7471	0.5	J	12.9	J	32.6	J	0.93	J	0.77	J	0.28	J
AROCLOR-1016	ug/kg	SW8082	45	UJ	520	UJ	360	UJ		R		R		R
AROCLOR-1221	ug/kg	SW8082	45	UJ	520	UJ	360	UJ		R		R		R
AROCLOR-1232	ug/kg	SW8082	45	UJ	520	UJ	360	UJ		R		R		R
AROCLOR-1242	ug/kg	SW8082	45	UJ	520	UJ	360	UJ		R		R		R
AROCLOR-1248	ug/kg	SW8082	45	UJ	3100	J	640	J	38	J	190	J		R
AROCLOR-1254	ug/kg	SW8082	45	UJ	1900	J	1400	J		R		R		R
AROCLOR-1260	ug/kg	SW8082	45	UJ	520	UJ	360	UJ	54	J	100	J		R
AROCLOR-1268	ug/kg	SW8082	45	UJ	520	UJ	360	UJ		R		R		R
PCBS, N.O.S.	ug/kg	SW8082	45	UJ	5000	J	2040	J	92	J	290	J		R
1,2,3-TRICHLOROBENZENE	ug/kg	SW8260	3400	UJ	16	UJ	11000	UJ	15000	UJ	4200	UJ	2900	UJ
1,2,4-TRICHLOROBENZENE	ug/kg	SW8260	3400	UJ	16	UJ	11000	UJ	15000	UJ	4200	UJ	2900	UJ
1,2-DICHLOROBENZENE	ug/kg	SW8260	7800	J	20	J	74000	J	14000	J	15000	J	5600	J
1,3,5-TRICHLOROBENZENE	ug/kg	SW8260	3400	UJ	16	UJ	11000	UJ	15000	UJ	4200	UJ	2900	UJ
1,3-DICHLOROBENZENE	ug/kg	SW8260	3400	UJ	11	J	11000	UJ	15000	UJ	4200	UJ	2900	UJ
1,4-DICHLOROBENZENE	ug/kg	SW8260	20000	J	61	J	210000	J	19000	J	28000	J	18000	J
BENZENE	ug/kg	SW8260	1300	J	220	J	6000	J	6200	J	5700	J	7700	J
CHLOROBENZENE	ug/kg	SW8260	52000	J	280	J	160000	J	55000	J	25000	J	14000	J
ETHYLBENZENE	ug/kg	SW8260	440	J	3.1	J	3700	J	2300	J	1000	J	540	J
NAPHTHALENE	ug/kg	SW8260	53000	J	10	J	130000	J	290000	J	150000	J	46000	J
TOLUENE	ug/kg	SW8260	770	J	7.2	J	7500	J	6800	J	2800	J	4900	J
XYLENES, TOTAL	ug/kg	SW8260	9900	J	45	J	43000	J	51000	J	19000	J	11000	J
ACENAPHTHENE	ug/kg	SW8270	110	J	490	J	1400	J	220	J	160	J	88	J
ACENAPHTHYLENE	ug/kg	SW8270	720	J	830	J	2200	J	1600	J	1100	J	410	J
ANTHRACENE	ug/kg	SW8270	660	J	2400	J	3600	J	1600	J	780	J	740	J
BENZO(A)ANTHRACENE	ug/kg	SW8270	170	J	3000	J	4900	J	770	J	510	J	250	J
BENZO(A)PYRENE	ug/kg	SW8270	120	J	2500	J	3500	J	500	J	260	J	82	J
BENZO(B)FLUORANTHENE	ug/kg	SW8270	130	J	3100	J	4000	J	600	J	290	J	110	J
BENZO(G,H,I)PERYLENE	ug/kg	SW8270	58	J	2000	J	2500	J	320	J	150	J	54	J
BENZO(K)FLUORANTHENE	ug/kg	SW8270	53	J	1200	J	1800	J	230	J	120	J	46	J
CHRYSENE	ug/kg	SW8270	290	J	3500	J	5200	J	960	J	560	J	240	J
DIBENZO(A,H)ANTHRACENE	ug/kg	SW8270	92	UJ	490	J	720	J	83	J	41	J	17	J
FLUORANTHENE	ug/kg	SW8270	940	J	7200	J	10000	J	2400	J	1300	J	620	J
FLUORENE	ug/kg	SW8270	92	UJ	530	UJ	360	UJ	190	UJ	110	UJ	78	UJ
INDENO(1,2,3-CD)PYRENE	ug/kg	SW8270	45	J	1600	J	2300	J	290	J	140	J	53	J
PHENANTHRENE	ug/kg	SW8270	1300	J	5100	J	9200	J	3500	J	1700	J	1200	J
PHENOL	ug/kg	SW8270	3300	J	530	UJ	730	J	4600	J	2600	J	410	J
PYRENE	ug/kg	SW8270	610	J	6100	J	8600	J	1700	J	1100	J	420	J
SULFIDE	mg/kg	SW9030	82.3	UJ	3600	J	1200	J	78	UJ	100	UJ	69	UJ
pH	S.U.	SW9045	11.7		7.9		8.5		11.5		12		12	

Table 3A
Onondaga Lake Phase II Pre-Design Investigation
Summary of Sediment Analytical Results

		Location	OL-VC-10082		OL-VC-10083		OL-VC-10083		OL-VC-10083		OL-VC-10083		OL-VC-10083	
		Sample Depth	16.5-19.8 Ft		0.0-3.3 Ft		3.3-6.6 Ft		6.6-9.9 Ft		9.9-13.2 Ft		13.2-16.5 Ft	
		Field Sample ID	OL-0161-06		OL-0174-01		OL-0174-02		OL-0174-03		OL-0174-04		OL-0174-05	
		Matrix	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
		Sample Purpose	Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample	
		Sample Date	8/21/2006		8/25/2006		8/25/2006		8/25/2006		8/25/2006		8/25/2006	
		Sample Delivery Group	68019559|6H2202 44 C6H220232		6H260117 C6H260116		6H260117 C6H260116		6H260117 C6H260116		6H260117 C6H260116		6H260117 C6H260116	
Parameter Name	Units	Analytical Method												
SOLIDS, PERCENT	%	ASTM D2216	41.4		35.2		49.2		41.2		28.7		29.6	
SOLIDS, PERCENT	%	E160.3	40.4		38.6		36.7		42.9		33.6		35.5	
NITROGEN, AMMONIA (AS N)	mg/kg	E350.1	173	J	444	J	436	J	383	J	398	J	292	J
TOTAL ORGANIC CARBON	mg/kg	Lloyd Kahn	65600	J	90400	J	88800	J	73100	J	91300	J	66100	J
MERCURY	mg/kg	SW7471	0.39	J	9.8	J	9.2	J	5.3	J	0.52	J	0.66	J
AROCLOR-1016	ug/kg	SW8082	41	UJ	43	UJ	45	UJ	38	UJ	49	UJ	47	UJ
AROCLOR-1221	ug/kg	SW8082	41	UJ	43	UJ	45	UJ	38	UJ	49	UJ	47	UJ
AROCLOR-1232	ug/kg	SW8082	41	UJ	43	UJ	45	UJ	38	UJ	49	UJ	47	UJ
AROCLOR-1242	ug/kg	SW8082	41	UJ	43	UJ	45	UJ	38	UJ	49	UJ	47	UJ
AROCLOR-1248	ug/kg	SW8082	41	UJ	110	J	170	J	200	J	31	J	49	J
AROCLOR-1254	ug/kg	SW8082	41	UJ	240	J	240	J	260	J	110	J	120	J
AROCLOR-1260	ug/kg	SW8082	120	J	43	UJ	45	UJ	38	UJ	49	UJ	47	UJ
AROCLOR-1268	ug/kg	SW8082	41	UJ	43	UJ	45	UJ	38	UJ	49	UJ	47	UJ
PCBS, N.O.S.	ug/kg	SW8082	120	J	350	J	410	J	460	J	141	J	169	J
1,2,3-TRICHLOROBENZENE	ug/kg	SW8260	2500	UJ	32000	UJ	6800	UJ	4700	UJ	7400	UJ	5600	UJ
1,2,4-TRICHLOROBENZENE	ug/kg	SW8260	2500	UJ	32000	UJ	1800	J	4700	UJ	7400	UJ	5600	UJ
1,2-DICHLOROBENZENE	ug/kg	SW8260	3900	J	110000	J	33000	J	4400	J	6000	J	6200	J
1,3,5-TRICHLOROBENZENE	ug/kg	SW8260	2500	UJ	32000	UJ	6800	UJ	4700	UJ	7400	UJ	5600	UJ
1,3-DICHLOROBENZENE	ug/kg	SW8260	2500	UJ	32000	UJ	6800	UJ	4700	UJ	12000	J	5600	UJ
1,4-DICHLOROBENZENE	ug/kg	SW8260	14000	J	190000	J	44000	J	5900	J	11000	J	13000	J
BENZENE	ug/kg	SW8260	8100	J	16000	J	4200	J	2900	J	3300	J	2500	J
CHLOROBENZENE	ug/kg	SW8260	8400	J	260000	J	34000	J	5700	J	8900	J	12000	J
ETHYLBENZENE	ug/kg	SW8260	400	J	7400	J	2200	J	1700	J	1400	J	820	J
NAPHTHALENE	ug/kg	SW8260	40000	J	600000	J	160000	J	120000	J	190000	J	130000	J
TOLUENE	ug/kg	SW8260	9700	J	17000	J	2800	J	2600	J	5400	J	5100	J
XYLENES, TOTAL	ug/kg	SW8260	11000	J	180000	J	39000	J	24000	J	30000	J	19000	J
ACENAPHTHENE	ug/kg	SW8270	290	J	1300	J	340	J	330	J	150	J	440	J
ACENAPHTHYLENE	ug/kg	SW8270	470	J	3700	J	1400	J	1900	J	1100	J	2100	J
ANTHRACENE	ug/kg	SW8270	810	J	3500	J	1800	J	1900	J	850	J	1300	J
BENZO(A)ANTHRACENE	ug/kg	SW8270	180	J	1100	J	950	J	1000	J	310	J	380	J
BENZO(A)PYRENE	ug/kg	SW8270	53	J	580	J	580	J	660	J	140	J	170	J
BENZO(B)FLUORANTHENE	ug/kg	SW8270	57	J	700	J	750	J	840	J	150	J	190	J
BENZO(G,H,I)PERYLENE	ug/kg	SW8270	31	J	410	J	400	J	500	J	81	J	100	J
BENZO(K)FLUORANTHENE	ug/kg	SW8270	83	UJ	310	J	260	J	280	J	74	J	86	J
CHRYSENE	ug/kg	SW8270	220	J	1500	J	1300	J	1200	J	400	J	460	J
DIBENZO(A,H)ANTHRACENE	ug/kg	SW8270	83	UJ	120	J	110	J	120	J	99	UJ	24	J
FLUORANTHENE	ug/kg	SW8270	750	J	3700	J	3000	J	2900	J	980	J	1500	J
FLUORENE	ug/kg	SW8270	83	UJ	170	UJ	91	UJ	160	UJ	99	UJ	94	UJ
INDENO(1,2,3-CD)PYRENE	ug/kg	SW8270	30	J	380	J	360	J	430	J	72	J	89	J
PHENANTHRENE	ug/kg	SW8270	1900	J	6400	J	3900	J	3300	J	1700	J	3300	J
PHENOL	ug/kg	SW8270	160	J	13000	J	3400	J	2100	J	3100	J	3900	J
PYRENE	ug/kg	SW8270	530	J	2200	J	2000	J	1900	J	650	J	930	J
SULFIDE	mg/kg	SW9030	70	UJ	389	UJ	409	UJ	349	UJ	446	UJ	423	UJ
pH	S.U.	SW9045	12.1		11.9		11.8		11.6		12.1		12.1	

Table 3A
Onondaga Lake Phase II Pre-Design Investigation
Summary of Sediment Analytical Results

		Location	OL-VC-10083		OL-VC-10083A		OL-VC-10083A		OL-VC-10083A		OL-VC-10083A		OL-VC-10083A	
		Sample Depth	16.5-19.8 Ft		0.0-3.3 Ft		3.3-6.6 Ft		3.3-6.6 Ft		6.6-9.9 Ft		9.9-13.2 Ft	
		Field Sample ID	OL-0174-06		OL-0174-07		OL-0174-08		OL-0174-09		OL-0174-10		OL-0174-11	
		Matrix	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
		Sample Purpose	Regular Sample		Regular Sample		Regular Sample		Field Duplicate		Regular Sample		Regular Sample	
		Sample Date	8/25/2006		8/25/2006		8/25/2006		8/25/2006		8/25/2006		8/25/2006	
		Sample Delivery Group	6H260117 C6H260116		6H260117 C6H260116		6H260117 C6H260116		6H260117 C6H260116		6H260117 C6H260116		6H260117 C6H260116	
Parameter Name	Units	Analytical Method												
SOLIDS, PERCENT	%	ASTM D2216	26.7		39.4		39		40		38.6		36.9	
SOLIDS, PERCENT	%	E160.3	33.3		42.2		39.2		38.1		38.4		37.4	
NITROGEN, AMMONIA (AS N)	mg/kg	E350.1	269	J	439	J	442	J	459	J	435	J	357	J
TOTAL ORGANIC CARBON	mg/kg	Lloyd Kahn	52700	J	116000	J	90900	J	71400	J	72800	J	77600	J
MERCURY	mg/kg	SW7471	0.81	J	50.6	J	9.6	J	10	J	9.4	J	0.46	J
AROCLOR-1016	ug/kg	SW8082	50	UJ	39	UJ	42	UJ	43	UJ	43	UJ	44	UJ
AROCLOR-1221	ug/kg	SW8082	50	UJ	39	UJ	42	UJ	43	UJ	43	UJ	44	UJ
AROCLOR-1232	ug/kg	SW8082	50	UJ	39	UJ	42	UJ	43	UJ	43	UJ	44	UJ
AROCLOR-1242	ug/kg	SW8082	50	UJ	39	UJ	42	UJ	43	UJ	43	UJ	44	UJ
AROCLOR-1248	ug/kg	SW8082	50	UJ	39	UJ	130	J	150	J	180	J	58	J
AROCLOR-1254	ug/kg	SW8082	97	J	410	J	340	J	330	J	230	J	100	J
AROCLOR-1260	ug/kg	SW8082	50	UJ	39	UJ	42	UJ	43	UJ	43	UJ	44	UJ
AROCLOR-1268	ug/kg	SW8082	50	UJ	39	UJ	42	UJ	43	UJ	43	UJ	44	UJ
PCBS, N.O.S.	ug/kg	SW8082	97	J	410	J	470	J	480	J	410	J	158	J
1,2,3-TRICHLOROBENZENE	ug/kg	SW8260	6000	UJ	8400	J	8000	UJ	20000	UJ	6500	UJ	13000	UJ
1,2,4-TRICHLOROBENZENE	ug/kg	SW8260	6000	UJ	38000	J	1900	J	20000	UJ	6500	UJ	13000	UJ
1,2-DICHLOROBENZENE	ug/kg	SW8260	10000	J	98000	J	53000	J	52000	J	6600	J	11000	J
1,3,5-TRICHLOROBENZENE	ug/kg	SW8260	6000	UJ	18000	UJ	8000	UJ	20000	UJ	6500	UJ	13000	UJ
1,3-DICHLOROBENZENE	ug/kg	SW8260	6000	UJ	18000	UJ	8000	UJ	20000	UJ	6500	UJ	13000	UJ
1,4-DICHLOROBENZENE	ug/kg	SW8260	18000	J	180000	J	84000	J	89000	J	9900	J	24000	J
BENZENE	ug/kg	SW8260	1500	J	18000	J	6600	J	8200	J	3300	J	4300	J
CHLOROBENZENE	ug/kg	SW8260	16000	J	80000	J	87000	J	110000	J	12000	J	17000	J
ETHYLBENZENE	ug/kg	SW8260	6000	UJ	3000	J	2400	J	3400	J	2200	J	2700	J
NAPHTHALENE	ug/kg	SW8260	140000	J	370000	J	180000	J	320000	J	140000	J	280000	J
TOLUENE	ug/kg	SW8260	2900	J	9600	J	6000	J	8200	J	2700	J	6300	J
XYLENES, TOTAL	ug/kg	SW8260	14000	J	38000	J	59000	J	83000	J	32000	J	50000	J
ACENAPHTHENE	ug/kg	SW8270	93	J	630	J	660	J	490	J	180	J	610	J
ACENAPHTHYLENE	ug/kg	SW8270	900	J	3900	J	2300	J	2300	J	1300	J	2200	J
ANTHRACENE	ug/kg	SW8270	370	J	5100	J	1900	J	1900	J	1400	J	3300	J
BENZO(A)ANTHRACENE	ug/kg	SW8270	150	J	1500	J	950	J	1100	J	550	J	720	J
BENZO(A)PYRENE	ug/kg	SW8270	41	J	810	J	760	J	700	J	320	J	340	J
BENZO(B)FLUORANTHENE	ug/kg	SW8270	45	J	990	J	880	J	820	J	410	J	390	J
BENZO(G,H,I)PERYLENE	ug/kg	SW8270	24	J	620	J	540	J	520	J	240	J	190	J
BENZO(K)FLUORANTHENE	ug/kg	SW8270	100	UJ	410	J	410	J	370	J	140	J	170	J
CHRYSENE	ug/kg	SW8270	160	J	2000	J	1300	J	1500	J	780	J	960	J
DIBENZO(A,H)ANTHRACENE	ug/kg	SW8270	100	UJ	160	J	140	J	140	J	60	J	48	J
FLUORANTHENE	ug/kg	SW8270	390	J	4400	J	3300	J	3700	J	1800	J	2500	J
FLUORENE	ug/kg	SW8270	100	UJ	160	UJ	85	UJ	88	UJ	87	UJ	89	UJ
INDENO(1,2,3-CD)PYRENE	ug/kg	SW8270	20	J	530	J	470	J	460	J	200	J	170	J
PHENANTHRENE	ug/kg	SW8270	880	J	6300	J	4300	J	4600	J	2400	J	4200	J
PHENOL	ug/kg	SW8270	5300	J	14000	J	8600	J	6800	J	2300	J	2600	J
PYRENE	ug/kg	SW8270	290	J	2900	J	2000	J	2100	J	1100	J	1400	J
SULFIDE	mg/kg	SW9030	450	UJ	355	UJ	383	UJ	394	UJ	390	UJ	401	UJ
pH	S.U.	SW9045	12.2		11.4		12		12		11.8		12	

Table 3A
Onondaga Lake Phase II Pre-Design Investigation
Summary of Sediment Analytical Results

		Location	OL-VC-10083A		OL-VC-10083A		OL-VC-10084		OL-VC-10084		OL-VC-10084		OL-VC-10084	
		Sample Depth	13.2-16.5 Ft		16.5-19.8 Ft		0.0-3.3 Ft		3.3-6.6 Ft		6.6-9.9 Ft		9.9-13.2 Ft	
		Field Sample ID	OL-0174-12		OL-0174-13		OL-0171-14		OL-0171-15		OL-0171-16		OL-0171-17	
		Matrix	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
		Sample Purpose	Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample	
		Sample Date	8/25/2006		8/25/2006		8/24/2006		8/24/2006		8/24/2006		8/24/2006	
		Sample Delivery Group	6H260117 C6H260116		6H260117 C6H260116		213574|6H250219 C6H250213		213574|6H250219 C6H250213		213574|6H250219 C6H250213		213574|6H250219 C6H250213	
Parameter Name	Units	Analytical Method												
SOLIDS, PERCENT	%	ASTM D2216	37.8		34.2		46		37.3		47.5		43.3	
SOLIDS, PERCENT	%	E160.3	36.6		33.4		46.6		39.7		45.5		38.9	
NITROGEN, AMMONIA (AS N)	mg/kg	E350.1	284	J	320	J	120	J	160	J	130	J	140	J
TOTAL ORGANIC CARBON	mg/kg	Lloyd Kahn	66100	J	51500	J	41300	J	45400	J	50100	J	43700	J
MERCURY	mg/kg	SW7471	0.62	J	0.75	J	6.8	J	9.9	J	3.1	J	1.7	J
AROCLOR-1016	ug/kg	SW8082	45	UJ	49	UJ	35	UJ	42	UJ	36	UJ	42	UJ
AROCLOR-1221	ug/kg	SW8082	45	UJ	49	UJ	35	UJ	42	UJ	36	UJ	42	UJ
AROCLOR-1232	ug/kg	SW8082	45	UJ	49	UJ	35	UJ	42	UJ	36	UJ	42	UJ
AROCLOR-1242	ug/kg	SW8082	45	UJ	49	UJ	35	UJ	42	UJ	36	UJ	42	UJ
AROCLOR-1248	ug/kg	SW8082	61	J	50	J	34	J	35	J	36	UJ	44	J
AROCLOR-1254	ug/kg	SW8082	88	J	60	J	30	J	47	J	83	J	110	J
AROCLOR-1260	ug/kg	SW8082	45	UJ	49	UJ	35	UJ	42	UJ	36	UJ	42	UJ
AROCLOR-1268	ug/kg	SW8082	45	UJ	49	UJ	35	UJ	42	UJ	36	UJ	42	UJ
PCBS, N.O.S.	ug/kg	SW8082	149	J	110	J	64	J	82	J	83	J	154	J
1,2,3-TRICHLOROBENZENE	ug/kg	SW8260	680	UJ	750	UJ	5400	UJ	630	UJ	5500	UJ	5100	UJ
1,2,4-TRICHLOROBENZENE	ug/kg	SW8260	680	UJ	750	UJ	5400	UJ	630	UJ	5500	UJ	5100	UJ
1,2-DICHLOROBENZENE	ug/kg	SW8260	250	J	290	J	3900	J	2500	J	2100	J	1800	J
1,3,5-TRICHLOROBENZENE	ug/kg	SW8260	680	UJ	750	UJ	5400	UJ	630	UJ	5500	UJ	5100	UJ
1,3-DICHLOROBENZENE	ug/kg	SW8260	680	UJ	750	UJ	5400	UJ	630	UJ	5500	UJ	5100	UJ
1,4-DICHLOROBENZENE	ug/kg	SW8260	790	J	970	J	9700	J	8100	J	2900	J	2300	J
BENZENE	ug/kg	SW8260	680	UJ	750	UJ	1100	J	320	J	3800	J	4800	J
CHLOROBENZENE	ug/kg	SW8260	270	J	330	J	3000	J	2800	J	2300	J	11000	J
ETHYLBENZENE	ug/kg	SW8260	680	UJ	750	UJ	5400	UJ	110	J	3200	J	970	J
NAPHTHALENE	ug/kg	SW8260	1600	J	1700	J	81000	J	9100	J	88000	J	72000	J
TOLUENE	ug/kg	SW8260	680	UJ	750	UJ	1100	J	630	J	4300	J	2200	J
XYLENES, TOTAL	ug/kg	SW8260	280	J	320	J	10000	J	3200	J	34000	J	18000	J
ACENAPHTHENE	ug/kg	SW8270	240	J	110	J	73	J	110	J	250	J	110	J
ACENAPHTHYLENE	ug/kg	SW8270	1700	J	1100	J	350	J	800	J	1000	J	1100	J
ANTHRACENE	ug/kg	SW8270	940	J	430	J	790	J	1400	J	2200	J	1100	J
BENZO(A)ANTHRACENE	ug/kg	SW8270	330	J	150	J	210	J	420	J	400	J	270	J
BENZO(A)PYRENE	ug/kg	SW8270	140	J	48	J	95	J	290	J	230	J	170	J
BENZO(B)FLUORANTHENE	ug/kg	SW8270	160	J	47	J	140	J	310	J	300	J	190	J
BENZO(G,H,I)PERYLENE	ug/kg	SW8270	82	J	28	J	57	J	160	J	140	J	96	J
BENZO(K)FLUORANTHENE	ug/kg	SW8270	59	J	100	UJ	71	J	120	J	140	J	73	J
CHRYSENE	ug/kg	SW8270	350	J	180	J	350	J	660	J	730	J	400	J
DIBENZO(A,H)ANTHRACENE	ug/kg	SW8270	20	J	100	UJ	23	J	44	J	50	J	38	J
FLUORANTHENE	ug/kg	SW8270	1100	J	390	J	750	J	1300	J	1600	J	870	J
FLUORENE	ug/kg	SW8270	91	UJ	100	UJ	72	UJ	84	UJ	73	UJ	86	UJ
INDENO(1,2,3-CD)PYRENE	ug/kg	SW8270	70	J	23	J	52	J	130	J	120	J	78	J
PHENANTHRENE	ug/kg	SW8270	2400	J	920	J	1600	J	2400	J	4800	J	1700	J
PHENOL	ug/kg	SW8270	4200	J	5600	J	4000	J	4100	J	830	J	940	J
PYRENE	ug/kg	SW8270	740	J	300	J	480	J	1200	J	1300	J	770	J
SULFIDE	mg/kg	SW9030	410	UJ	449	UJ	322	UJ	378	UJ	330	UJ	386	UJ
pH	S.U.	SW9045	12.1		12.1		12.3		12.2		12.2		12.2	

Table 3A
Onondaga Lake Phase II Pre-Design Investigation
Summary of Sediment Analytical Results

		Location	OL-VC-10084		OL-VC-10084		OL-VC-10085		OL-VC-10085		OL-VC-10085		OL-VC-10085	
		Sample Depth	13.2-16.5 Ft		16.5-19.8 Ft		0.0-3.3 Ft		3.3-6.6 Ft		6.6-9.9 Ft		9.9-13.2 Ft	
		Field Sample ID	OL-0171-18		OL-0171-19		OL-0166-01		OL-0166-02		OL-0166-03		OL-0166-04	
		Matrix	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
		Sample Purpose	Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample	
		Sample Date	8/24/2006		8/24/2006		8/23/2006		8/23/2006		8/23/2006		8/23/2006	
		Sample Delivery Group	213574|6H250219 C6H250213		213574|6H250219 C6H250213		213564|6H240145 C6H240180		213564|6H240145 C6H240180		213564|6H240145 C6H240180		213564|6H240145 C6H240180	
Parameter Name	Units	Analytical Method												
SOLIDS, PERCENT	%	ASTM D2216	42.4		39.5		44.2		40.6		39.4		40.3	
SOLIDS, PERCENT	%	E160.3	43.2		40.9		44.3		41.2		41.8		37.1	
NITROGEN, AMMONIA (AS N)	mg/kg	E350.1	120	J	150	J	34	J	46	J	61	J	71	J
TOTAL ORGANIC CARBON	mg/kg	Lloyd Kahn	38000	J	47700	J	51800	J	46100	J	48800	J	37400	J
MERCURY	mg/kg	SW7471	0.75	J	0.68	J	5.7	J	1.5	J	2	J	12.3	J
AROCLOR-1016	ug/kg	SW8082	38	UJ	40	UJ	37	UJ	40	UJ	39	UJ	45	UJ
AROCLOR-1221	ug/kg	SW8082	38	UJ	40	UJ	37	UJ	40	UJ	39	UJ	45	UJ
AROCLOR-1232	ug/kg	SW8082	38	UJ	40	UJ	37	UJ	40	UJ	39	UJ	45	UJ
AROCLOR-1242	ug/kg	SW8082	38	UJ	40	UJ	37	UJ	40	UJ	39	UJ	45	UJ
AROCLOR-1248	ug/kg	SW8082	43	J	40	UJ	37	UJ	40	UJ	39	UJ	45	UJ
AROCLOR-1254	ug/kg	SW8082	83	J	81		37	UJ	40	UJ	39	UJ	45	UJ
AROCLOR-1260	ug/kg	SW8082	61	J	40	UJ	29	J	45	J	21	J	89	J
AROCLOR-1268	ug/kg	SW8082	38	UJ	40	UJ	37	UJ	40	UJ	39	UJ	45	UJ
PCBS, N.O.S.	ug/kg	SW8082	113	J	81	J	29	J	45	J	21	J	89	J
1,2,3-TRICHLOROBENZENE	ug/kg	SW8260	2900	UJ	24000	UJ	5600	UJ	12000	UJ	6000	UJ	5400	UJ
1,2,4-TRICHLOROBENZENE	ug/kg	SW8260	2900	UJ	24000	UJ	5600	UJ	12000	UJ	6000	UJ	5400	UJ
1,2-DICHLOROBENZENE	ug/kg	SW8260	20000	J	27000	J	4900	J	4200	J	3500	J	2200	J
1,3,5-TRICHLOROBENZENE	ug/kg	SW8260	2900	UJ	24000	UJ	5600	UJ	12000	UJ	6000	UJ	5400	UJ
1,3-DICHLOROBENZENE	ug/kg	SW8260	2900	UJ	24000	UJ	5600	UJ	12000	UJ	6000	UJ	5400	UJ
1,4-DICHLOROBENZENE	ug/kg	SW8260	49000	J	65000	J	6300	J	6500	J	5900	J	4500	J
BENZENE	ug/kg	SW8260	4700	J	7200	J	11000	J	13000	J	4800	J	2400	J
CHLOROBENZENE	ug/kg	SW8260	88000	J	110000	J	4900	J	35000	J	110000	J	27000	J
ETHYLBENZENE	ug/kg	SW8260	2700	J	7600	J	4400	J	15000	J	1300	J	950	J
NAPHTHALENE	ug/kg	SW8260	73000	J	380000	J	64000	J	150000	J	62000	J	100000	J
TOLUENE	ug/kg	SW8260	7000	J	32000	J	7700	J	11000	J	4400	J	1500	J
XYLENES, TOTAL	ug/kg	SW8260	47000	J	120000	J	44000	J	110000	J	19000	J	14000	J
ACENAPHTHENE	ug/kg	SW8270	230	J	220	J	85	J	150	J	220	J	130	J
ACENAPHTHYLENE	ug/kg	SW8270	1300	J	1400	J	650	J	1100	J	1100	J	1300	J
ANTHRACENE	ug/kg	SW8270	1700	J	1600	J	1600	J	4500	J	2100	J	1700	J
BENZO(A)ANTHRACENE	ug/kg	SW8270	390	J	310	J	330	J	440	J	240	J	330	J
BENZO(A)PYRENE	ug/kg	SW8270	210	J	150		200	J	210	J	81	J	170	J
BENZO(B)FLUORANTHENE	ug/kg	SW8270	260	J	210	J	320	J	260	J	100	J	190	J
BENZO(G,H,I)PERYLENE	ug/kg	SW8270	130	J	90	J	170	J	140	J	47	J	110	J
BENZO(K)FLUORANTHENE	ug/kg	SW8270	160	J	94	J	140	J	140	J	58	J	110	J
CHRYSENE	ug/kg	SW8270	580	J	490	J	580	J	790	J	390	J	530	J
DIBENZO(A,H)ANTHRACENE	ug/kg	SW8270	33	J	35	J	49	J	42	J	80	UJ	33	J
FLUORANTHENE	ug/kg	SW8270	1400	J	1300	J	1200	J	1700	J	1100	J	1300	J
FLUORENE	ug/kg	SW8270	77	UJ	82	UJ	75	UJ	81	UJ	80	UJ	90	UJ
INDENO(1,2,3-CD)PYRENE	ug/kg	SW8270	110	J	81	J	140	J	120	J	34	J	90	J
PHENANTHRENE	ug/kg	SW8270	2800	J	3200	J	2100	J	4200	J	3200	J	2900	J
PHENOL	ug/kg	SW8270	770	J	1200	J	370	J	880	J	630	J	2500	J
PYRENE	ug/kg	SW8270	1000	J	790	J	770	J	1300	J	740	J	900	J
SULFIDE	mg/kg	SW9030	348	UJ	367	UJ	339	UJ	364	UJ	359	UJ	405	UJ
pH	S.U.	SW9045	12.3		12.3		11.8		12.2		12.1		11.9	

Table 3A
Onondaga Lake Phase II Pre-Design Investigation
Summary of Sediment Analytical Results

		Location	OL-VC-10085		OL-VC-10085		OL-VC-10085		OL-VC-10086		OL-VC-10086		OL-VC-10086	
		Sample Depth	9.9-13.2 Ft		13.2-16.5 Ft		16.5-19.8 Ft		0.0-3.3 Ft		3.3-6.6 Ft		6.6-9.9 Ft	
		Field Sample ID	OL-0166-05		OL-0166-06		OL-0166-07		OL-0143-07		OL-0143-08		OL-0143-09	
		Matrix	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
		Sample Purpose	Field Duplicate		Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample	
		Sample Date	8/23/2006		8/23/2006		8/23/2006		8/15/2006		8/15/2006		8/15/2006	
		Sample Delivery Group	213564|6H240145 C6H240180		213564|6H240145 C6H240180		213564|6H240145 C6H240180		6H160199 C6H160231		6H160199 C6H160231		6H160199 C6H160231	
Parameter Name	Units	Analytical Method												
SOLIDS, PERCENT	%	ASTM D2216	39.8		35		38.8		37.4		36.1		52.4	
SOLIDS, PERCENT	%	E160.3	38.1		33.6		37.4		36.2		32.5		51	
NITROGEN, AMMONIA (AS N)	mg/kg	E350.1	86	J	99	J	91	J	188	J	386	J	227	
TOTAL ORGANIC CARBON	mg/kg	Lloyd Kahn	16800	J	55600	J	59900	J	43800	J	28500	J	43900	
MERCURY	mg/kg	SW7471	11	J	3.5	J	0.65	J	4.8	J	2.9	J	0.94	
AROCLOR-1016	ug/kg	SW8082	43	UJ	49	UJ	44	UJ	46	UJ	51	UJ	32	UJ
AROCLOR-1221	ug/kg	SW8082	43	UJ	49	UJ	44	UJ	46	UJ	51	UJ	32	UJ
AROCLOR-1232	ug/kg	SW8082	43	UJ	49	UJ	44	UJ	46	UJ	51	UJ	32	UJ
AROCLOR-1242	ug/kg	SW8082	43	UJ	49	UJ	44	UJ	46	UJ	51	UJ	32	UJ
AROCLOR-1248	ug/kg	SW8082	43	UJ	49	UJ	44	UJ	46	UJ	51	UJ	32	UJ
AROCLOR-1254	ug/kg	SW8082	43	UJ	49	UJ	44	UJ	46	UJ	51	UJ	32	UJ
AROCLOR-1260	ug/kg	SW8082	82	J	27	J	81	J	46	UJ	51	UJ	32	UJ
AROCLOR-1268	ug/kg	SW8082	43	UJ	49	UJ	44	UJ	46	UJ	51	UJ	32	UJ
PCBS, N.O.S.	ug/kg	SW8082	82	J	27	J	81	J	46	UJ	51	UJ	32	UJ
1,2,3-TRICHLOROBENZENE	ug/kg	SW8260	9800	UJ	7400	UJ	6700	UJ	6900	UJ	7700	UJ	4900	U
1,2,4-TRICHLOROBENZENE	ug/kg	SW8260	9800	UJ	7400	UJ	6700	UJ	6900	UJ	7700	UJ	4900	U
1,2-DICHLOROBENZENE	ug/kg	SW8260	11000	J	2900	J	6900	J	4700	J	3700	J	3000	J
1,3,5-TRICHLOROBENZENE	ug/kg	SW8260	9800	UJ	7400	UJ	6700	UJ	6900	UJ	7700	UJ	4900	U
1,3-DICHLOROBENZENE	ug/kg	SW8260	9800	UJ	7400	UJ	6700	UJ	6900	UJ	7700	UJ	4900	U
1,4-DICHLOROBENZENE	ug/kg	SW8260	28000	J	2800	J	9800	J	8600	J	6500	J	5500	
BENZENE	ug/kg	SW8260	4400	J	6300	J	8900	J	6900	UJ	7700	UJ	4900	U
CHLOROBENZENE	ug/kg	SW8260	110000	J	4700	J	8100	J	6900	UJ	7700	UJ	4900	U
ETHYLBENZENE	ug/kg	SW8260	3000	J	1300	J	1300	J	6900	UJ	7700	UJ	4900	U
NAPHTHALENE	ug/kg	SW8260	99000	J	120000	J	160000	J	220000	J	200000	J	150000	
TOLUENE	ug/kg	SW8260	4400	J	3200	J	12000	J	1500	J	7700	UJ	4900	U
XYLENES, TOTAL	ug/kg	SW8260	42000	J	30000	J	35000	J	21000	J	13000	J	13000	J
ACENAPHTHENE	ug/kg	SW8270	120	J	65	J	110	J	70	J	82	J	550	
ACENAPHTHYLENE	ug/kg	SW8270	1100	J	820	J	1000	J	580	J	950	J	790	
ANTHRACENE	ug/kg	SW8270	1400	J	550	J	1200	J	630	J	910	J	2100	
BENZO(A)ANTHRACENE	ug/kg	SW8270	320	J	100	J	330	J	72	J	97	J	1100	
BENZO(A)PYRENE	ug/kg	SW8270	200	J	56	J	210	J	32	J	210	UJ	800	
BENZO(B)FLUORANTHENE	ug/kg	SW8270	200	J	50	J	260	J	43	J	40	J	1300	
BENZO(G,H,I)PERYLENE	ug/kg	SW8270	120	J	30	J	150	J	19	J	210	UJ	340	
BENZO(K)FLUORANTHENE	ug/kg	SW8270	96	J	99	UJ	130	J	92	UJ	210	UJ	500	
CHRYSENE	ug/kg	SW8270	490	J	170	J	510	J	120	J	160	J	1500	
DIBENZO(A,H)ANTHRACENE	ug/kg	SW8270	32	J	99	UJ	42	J	92	UJ	210	UJ	130	
FLUORANTHENE	ug/kg	SW8270	1200	J	580	J	1200	J	360	J	690	J	3000	
FLUORENE	ug/kg	SW8270	88	UJ	99	UJ	89	UJ	92	UJ	210	UJ	130	U
INDENO(1,2,3-CD)PYRENE	ug/kg	SW8270	96	J	23	J	130	J	92	UJ	210	UJ	330	
PHENANTHRENE	ug/kg	SW8270	2600	J	1200	J	2100	J	940	J	1800	J	4300	
PHENOL	ug/kg	SW8270	1300	J	2300	J	1100	J	2000	J	3900	J	2900	
PYRENE	ug/kg	SW8270	880	J	390	J	860	J	320	J	550	J	2000	
SULFIDE	mg/kg	SW9030	394	UJ	447	UJ	401	UJ	82.9	UJ	92.3	UJ	1080	
pH	S.U.	SW9045	11.8		11.5		11.3		11.2		11		9.3	

Table 3A
Onondaga Lake Phase II Pre-Design Investigation
Summary of Sediment Analytical Results

		Location	OL-VC-10086		OL-VC-10086		OL-VC-10086		OL-VC-10086		OL-VC-10086A		OL-VC-10086A	
		Sample Depth	9.9-13.2 Ft		9.9-13.2 Ft		13.2-16.5 Ft		16.5-18.0 Ft		0.0-3.3 Ft		3.3-6.6 Ft	
		Field Sample ID	OL-0143-10		OL-0143-11		OL-0143-12		OL-0143-13		OL-0143-14		OL-0143-15	
		Matrix	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
		Sample Purpose	Regular Sample		Field Duplicate		Regular Sample		Regular Sample		Regular Sample		Regular Sample	
		Sample Date	8/15/2006		8/15/2006		8/15/2006		8/15/2006		8/15/2006		8/15/2006	
		Sample Delivery Group	6H160199 C6H160231		6H160199 C6H160231		6H160199 C6H160231		6H160199 C6H160231		6H160199 C6H160231		6H160199 C6H160231	
Parameter Name	Units	Analytical Method												
SOLIDS, PERCENT	%	ASTM D2216	39.1		37.1		30		31.8		37.5		34.5	
SOLIDS, PERCENT	%	E160.3	37		36.2		26		27.6		39.7		33.6	
NITROGEN, AMMONIA (AS N)	mg/kg	E350.1	269	J	273	J	274	J	203	J	188	J	282	J
TOTAL ORGANIC CARBON	mg/kg	Lloyd Kahn	37900	J	57100	J	16500	J	19500	J	31400	J	47100	J
MERCURY	mg/kg	SW7471	2.1	J	1.3	J	0.19	J	0.27	J	3.9	J	4.3	J
AROCLOR-1016	ug/kg	SW8082	45	UJ	46	UJ	64	UJ	60	UJ	42	UJ	49	UJ
AROCLOR-1221	ug/kg	SW8082	45	UJ	46	UJ	64	UJ	60	UJ	42	UJ	49	UJ
AROCLOR-1232	ug/kg	SW8082	45	UJ	46	UJ	64	UJ	60	UJ	42	UJ	49	UJ
AROCLOR-1242	ug/kg	SW8082	45	UJ	46	UJ	64	UJ	60	UJ	42	UJ	49	UJ
AROCLOR-1248	ug/kg	SW8082	45	UJ	46	UJ	64	UJ	60	UJ	42	UJ	49	UJ
AROCLOR-1254	ug/kg	SW8082	45	UJ	46	UJ	64	UJ	60	UJ	42	UJ	49	UJ
AROCLOR-1260	ug/kg	SW8082	45	UJ	46	UJ	64	UJ	60	UJ	42	UJ	33	J
AROCLOR-1268	ug/kg	SW8082	45	UJ	46	UJ	64	UJ	60	UJ	42	UJ	49	UJ
PCBS, N.O.S.	ug/kg	SW8082	45	UJ	46	UJ	64	UJ	60	UJ	42	UJ	33	J
1,2,3-TRICHLOROBENZENE	ug/kg	SW8260	6800	UJ	6900	UJ	19	UJ	18	UJ	6300	UJ	7400	UJ
1,2,4-TRICHLOROBENZENE	ug/kg	SW8260	6800	UJ	6900	UJ	19	UJ	18	UJ	6300	UJ	7400	UJ
1,2-DICHLOROBENZENE	ug/kg	SW8260	5700	J	4200	J	19	UJ	18	UJ	4200	J	4800	J
1,3,5-TRICHLOROBENZENE	ug/kg	SW8260	6800	UJ	6900	UJ	19	UJ	18	UJ	6300	UJ	7400	UJ
1,3-DICHLOROBENZENE	ug/kg	SW8260	6800	UJ	6900	UJ	19	UJ	18	UJ	6300	UJ	7400	UJ
1,4-DICHLOROBENZENE	ug/kg	SW8260	6900	J	6900	J	19	UJ	18	UJ	6300	J	7300	J
BENZENE	ug/kg	SW8260	3100	J	6900	UJ	12	J	7.5	J	1300	J	7400	UJ
CHLOROBENZENE	ug/kg	SW8260	2200	J	6900	UJ	19	UJ	18	UJ	6300	UJ	7400	UJ
ETHYLBENZENE	ug/kg	SW8260	2300	J	6900	UJ	19	UJ	18	UJ	770	J	1100	J
NAPHTHALENE	ug/kg	SW8260	200000	J	210000	J	17	J	6.3	J	200000	J	240000	J
TOLUENE	ug/kg	SW8260	10000	J	6900	UJ	8.4	J	4.9	J	3400	J	4000	J
XYLENES, TOTAL	ug/kg	SW8260	55000	J	16000	J	58	UJ	54	UJ	24000	J	28000	J
ACENAPHTHENE	ug/kg	SW8270	2400	J	2000	J	19	J	17	J	67	J	200	UJ
ACENAPHTHYLENE	ug/kg	SW8270	1000	J	1100	J	41	J	49	J	610	J	630	J
ANTHRACENE	ug/kg	SW8270	4100	J	4300	J	70	J	90	J	570	J	920	J
BENZO(A)ANTHRACENE	ug/kg	SW8270	2000	J	2600	J	71	J	120	J	73	J	98	J
BENZO(A)PYRENE	ug/kg	SW8270	1100	J	1600	J	49	J	92	J	33	J	200	UJ
BENZO(B)FLUORANTHENE	ug/kg	SW8270	1300	J	1800	J	46	J	88	J	39	J	40	J
BENZO(G,H,I)PERYLENE	ug/kg	SW8270	520	J	760	J	21	J	39	J	19	J	200	UJ
BENZO(K)FLUORANTHENE	ug/kg	SW8270	640	J	740	J	18	J	30	J	84	UJ	200	UJ
CHRYSENE	ug/kg	SW8270	2100	J	2900	J	78	J	130	J	140	J	180	J
DIBENZO(A,H)ANTHRACENE	ug/kg	SW8270	220	J	300	J	26	UJ	10	J	26	J	200	UJ
FLUORANTHENE	ug/kg	SW8270	6000	J	7500	J	150	J	240	J	340	J	600	J
FLUORENE	ug/kg	SW8270	4300	J	4000	J	37	J	26	J	84	UJ	200	UJ
INDENO(1,2,3-CD)PYRENE	ug/kg	SW8270	530	J	740	J	16	J	31	J	84	UJ	200	UJ
PHENANTHRENE	ug/kg	SW8270	11000	J	11000	J	210	J	210	J	840	J	1400	J
PHENOL	ug/kg	SW8270	5100	J	7600	J	2000	J	2000	J	1300	J	3400	J
PYRENE	ug/kg	SW8270	4400	J	6000	J	170	J	240	J	390	J	550	J
SULFIDE	mg/kg	SW9030	81.1	UJ	618	J	116	UJ	109	UJ	75.6	UJ	89.2	UJ
pH	S.U.	SW9045	11		10.9		11.3		11.3		11.1		11	

Table 3A
Onondaga Lake Phase II Pre-Design Investigation
Summary of Sediment Analytical Results

		Location	OL-VC-10086A		OL-VC-10086A		OL-VC-10086A		OL-VC-10086A		OL-VC-10087		OL-VC-10087	
		Sample Depth	6.6-9.9 Ft		9.9-13.2 Ft		13.2-16.5 Ft		16.5-18.8 Ft		0.0-3.3 Ft		3.3-6.6 Ft	
		Field Sample ID	OL-0143-16		OL-0143-17		OL-0143-18		OL-0143-19		OL-0139-14		OL-0139-15	
		Matrix	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
		Sample Purpose	Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample	
		Sample Date	8/15/2006		8/15/2006		8/15/2006		8/15/2006		8/14/2006		8/14/2006	
		Sample Delivery Group	6H160199 C6H160231		6H160199 C6H160231		6H160199 C6H160231		6H160199 C6H160231		6H150263 C6H150272		6H150263 C6H150272	
Parameter Name	Units	Analytical Method												
SOLIDS, PERCENT	%	ASTM D2216	53		42.4		30.2		27.6		44.8		33.1	
SOLIDS, PERCENT	%	E160.3	52.7		39.4		26		25.2		38.5		29.9	
NITROGEN, AMMONIA (AS N)	mg/kg	E350.1	265		295	J	318	J	241	J	66.2	J	185	J
TOTAL ORGANIC CARBON	mg/kg	Lloyd Kahn	50100	J	59200	J	21700	J	14200	J	32800	J	9020	J
MERCURY	mg/kg	SW7471	1.4		1.1	J	0.16	J	0.25	J	0.29	J	0.2	J
AROCLOR-1016	ug/kg	SW8082	31	U	42	UJ	63	UJ	65	UJ	43	UJ	55	UJ
AROCLOR-1221	ug/kg	SW8082	31	U	42	UJ	63	UJ	65	UJ	43	UJ	55	UJ
AROCLOR-1232	ug/kg	SW8082	31	U	42	UJ	63	UJ	65	UJ	43	UJ	55	UJ
AROCLOR-1242	ug/kg	SW8082	31	U	42	UJ	63	UJ	65	UJ	43	UJ	55	UJ
AROCLOR-1248	ug/kg	SW8082	31	U	42	UJ	63	UJ	65	UJ	43	UJ	55	UJ
AROCLOR-1254	ug/kg	SW8082	31	U	42	UJ	63	UJ	65	UJ	43	UJ	55	UJ
AROCLOR-1260	ug/kg	SW8082	31	U	42	UJ	63	UJ	65	UJ	43	UJ	55	UJ
AROCLOR-1268	ug/kg	SW8082	31	U	42	UJ	63	UJ	65	UJ	43	UJ	55	UJ
PCBS, N.O.S.	ug/kg	SW8082	31	U	42	U	63	UJ	65	UJ	43	UJ	55	UJ
1,2,3-TRICHLOROBENZENE	ug/kg	SW8260	2400	U	6300	UJ	19	UJ	20	UJ	13	UJ	17	UJ
1,2,4-TRICHLOROBENZENE	ug/kg	SW8260	2400	U	6300	UJ	19	UJ	20	UJ	13	UJ	17	UJ
1,2-DICHLOROBENZENE	ug/kg	SW8260	760	J	860	J	19	UJ	20	UJ	13	UJ	17	UJ
1,3,5-TRICHLOROBENZENE	ug/kg	SW8260	2400	U	6300	UJ	19	UJ	20	UJ	13	UJ	17	UJ
1,3-DICHLOROBENZENE	ug/kg	SW8260	2400	U	6300	UJ	19	UJ	20	UJ	13	UJ	17	UJ
1,4-DICHLOROBENZENE	ug/kg	SW8260	940	J	3000	J	19	UJ	20	UJ	13	UJ	17	UJ
BENZENE	ug/kg	SW8260	570	J	6300	UJ	8.2	J	6.3	J	13	UJ	17	UJ
CHLOROBENZENE	ug/kg	SW8260	620	J	6300	UJ	19	UJ	20	UJ	13	UJ	17	UJ
ETHYLBENZENE	ug/kg	SW8260	1000	J	6300	UJ	19	UJ	20	UJ	13	UJ	17	UJ
NAPHTHALENE	ug/kg	SW8260	40000		110000	J	17	J	20	UJ	33	J	18	J
TOLUENE	ug/kg	SW8260	880	J	6300	UJ	5	J	20	UJ	4.6	J	17	UJ
XYLENES, TOTAL	ug/kg	SW8260	12000		9000	J	58	UJ	60	UJ	22	J	50	UJ
ACENAPHTHENE	ug/kg	SW8270	330	J	920	J	17	J	8.6	J	18	J	22	UJ
ACENAPHTHYLENE	ug/kg	SW8270	810		800	J	29	J	20	J	24	J	11	J
ANTHRACENE	ug/kg	SW8270	1500		2000	J	72	J	36	J	77	J	11	J
BENZO(A)ANTHRACENE	ug/kg	SW8270	900		1300	J	56	J	45	J	69	J	24	J
BENZO(A)PYRENE	ug/kg	SW8270	640		1000	J	32	J	29	J	48	J	14	J
BENZO(B)FLUORANTHENE	ug/kg	SW8270	930		1200	J	32	J	29	J	59	J	16	J
BENZO(G,H,I)PERYLENE	ug/kg	SW8270	330	J	430	J	14	J	12	J	30	J	8	J
BENZO(K)FLUORANTHENE	ug/kg	SW8270	360	J	510	J	130	UJ	9.8	J	23	J	22	UJ
CHRYSENE	ug/kg	SW8270	1100		1600	J	52	J	48	J	84	J	24	J
DIBENZO(A,H)ANTHRACENE	ug/kg	SW8270	630	U	150	J	26	UJ	26	UJ	8.6	J	22	UJ
FLUORANTHENE	ug/kg	SW8270	2700		3200	J	170	J	92	J	130	J	29	J
FLUORENE	ug/kg	SW8270	630	U	170	UJ	36	J	13	J	17	UJ	22	UJ
INDENO(1,2,3-CD)PYRENE	ug/kg	SW8270	320	J	410	J	130	UJ	10	J	28	J	7	J
PHENANTHRENE	ug/kg	SW8270	3700		4800	J	220	J	97	J	220	J	51	J
PHENOL	ug/kg	SW8270	3400		3500	J	3400	J	2200	J	800	J	560	J
PYRENE	ug/kg	SW8270	2100		2800	J	150	J	110	J	120	J	30	J
SULFIDE	mg/kg	SW9030	56.9	U	508	J	115	UJ	63.5	J	77.9	UJ	100	UJ
pH	S.U.	SW9045	9.7		10.7		11.2		11.2		11		11.1	

Table 3A
Onondaga Lake Phase II Pre-Design Investigation
Summary of Sediment Analytical Results

		Location	OL-VC-10087		OL-VC-10087		OL-VC-10087		OL-VC-10087		OL-VC-10088		OL-VC-10088	
		Sample Depth	6.6-9.9 Ft		9.9-13.2 Ft		13.2-16.5 Ft		16.5-19.0 Ft		0.0-3.3 Ft		3.3-6.6 Ft	
		Field Sample ID	OL-0139-16		OL-0139-17		OL-0139-18		OL-0139-19		OL-0174-14		OL-0174-15	
		Matrix	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
		Sample Purpose	Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample	
		Sample Date	8/14/2006		8/14/2006		8/14/2006		8/14/2006		8/25/2006		8/25/2006	
		Sample Delivery Group	6H150263 C6H150272		6H150263 C6H150272		6H150263 C6H150272		6H150263 C6H150272		6H260117 C6H260116		6H260117 C6H260116	
Parameter Name	Units	Analytical Method												
SOLIDS, PERCENT	%	ASTM D2216	36		33.6		28.5		38.1		39.6		34.9	
SOLIDS, PERCENT	%	E160.3	34.2		33.1		24.6		35.9		39.8		39.1	
NITROGEN, AMMONIA (AS N)	mg/kg	E350.1	137	J	138	J	281	J	136	J	333	J	363	J
TOTAL ORGANIC CARBON	mg/kg	Lloyd Kahn	11700	J	19600	J	18200	J	31700	J	94300	J	95500	J
MERCURY	mg/kg	SW7471	0.2	J	0.21	J	0.48	J	0.24	J	14.4	J	11.1	J
AROCLOR-1016	ug/kg	SW8082	48	UJ	50	UJ	67	UJ	46	UJ	41	UJ	42	UJ
AROCLOR-1221	ug/kg	SW8082	48	UJ	50	UJ	67	UJ	46	UJ	41	UJ	42	UJ
AROCLOR-1232	ug/kg	SW8082	48	UJ	50	UJ	67	UJ	46	UJ	41	UJ	42	UJ
AROCLOR-1242	ug/kg	SW8082	48	UJ	50	UJ	67	UJ	46	UJ	41	UJ	42	UJ
AROCLOR-1248	ug/kg	SW8082	48	UJ	50	UJ	67	UJ	46	UJ	73	J	62	J
AROCLOR-1254	ug/kg	SW8082	48	UJ	50	UJ	67	UJ	46	UJ	91	J	46	J
AROCLOR-1260	ug/kg	SW8082	48	UJ	50	UJ	67	UJ	46	UJ	41	UJ	42	UJ
AROCLOR-1268	ug/kg	SW8082	48	UJ	50	UJ	67	UJ	46	UJ	41	UJ	42	UJ
PCBS, N.O.S.	ug/kg	SW8082	48	UJ	50	UJ	67	UJ	46	UJ	164	J	108	J
1,2,3-TRICHLOROBENZENE	ug/kg	SW8260	15	UJ	15	UJ	20	UJ	14	UJ	6300	UJ	9600	UJ
1,2,4-TRICHLOROBENZENE	ug/kg	SW8260	15	UJ	15	UJ	20	UJ	14	UJ	6300	UJ	9600	UJ
1,2-DICHLOROBENZENE	ug/kg	SW8260	15	UJ	15	UJ	20	UJ	14	UJ	6900	J	5900	J
1,3,5-TRICHLOROBENZENE	ug/kg	SW8260	15	UJ	15	UJ	20	UJ	14	UJ	6300	UJ	9600	UJ
1,3-DICHLOROBENZENE	ug/kg	SW8260	15	UJ	15	UJ	20	UJ	14	UJ	6300	UJ	9600	UJ
1,4-DICHLOROBENZENE	ug/kg	SW8260	15	UJ	15	UJ	20	UJ	14	UJ	18000	J	12000	J
BENZENE	ug/kg	SW8260	15	UJ	15	UJ	20	UJ	14	UJ	2400	J	2400	J
CHLOROBENZENE	ug/kg	SW8260	15	UJ	15	UJ	20	UJ	14	UJ	16000	J	9900	J
ETHYLBENZENE	ug/kg	SW8260	15	UJ	15	UJ	20	UJ	14	UJ	1600	J	9600	UJ
NAPHTHALENE	ug/kg	SW8260	10	J	24	J	5.9	J	14	UJ	210000	J	130000	J
TOLUENE	ug/kg	SW8260	15	UJ	15	UJ	20	UJ	14	UJ	2700	J	4700	J
XYLENES, TOTAL	ug/kg	SW8260	44	UJ	45	UJ	61	UJ	42	UJ	29000	J	18000	J
ACENAPHTHENE	ug/kg	SW8270	7.5	J	27	J	110	J	11	J	590	J	510	J
ACENAPHTHYLENE	ug/kg	SW8270	14	J	27	J	83	J	19	UJ	1800	J	2000	J
ANTHRACENE	ug/kg	SW8270	13	J	64	J	290	J	9	J	2400	J	2600	J
BENZO(A)ANTHRACENE	ug/kg	SW8270	30	J	70	J	320	J	28	J	590	J	190	J
BENZO(A)PYRENE	ug/kg	SW8270	24	J	52	J	200	J	18	J	260	J	59	J
BENZO(B)FLUORANTHENE	ug/kg	SW8270	29	J	58	J	240	J	24	J	330	J	69	J
BENZO(G,H,I)PERYLENE	ug/kg	SW8270	16	J	33	J	130	J	13	J	180	J	51	J
BENZO(K)FLUORANTHENE	ug/kg	SW8270	10	J	22	J	88	J	8.7	J	160	J	38	J
CHRYSENE	ug/kg	SW8270	33	J	78	J	350	J	32	J	1200	J	390	J
DIBENZO(A,H)ANTHRACENE	ug/kg	SW8270	4.7	J	9	J	39	J	4.6	J	56	J	85	UJ
FLUORANTHENE	ug/kg	SW8270	37	J	120	J	590	J	34	J	2000	J	1400	J
FLUORENE	ug/kg	SW8270	6.5	J	28	J	120	J	9.6	J	84	UJ	85	UJ
INDENO(1,2,3-CD)PYRENE	ug/kg	SW8270	15	J	28	J	110	J	12	J	160	J	40	J
PHENANTHRENE	ug/kg	SW8270	57	J	240	J	1100	J	45	J	3300	J	3400	J
PHENOL	ug/kg	SW8270	410	J	270	J	790	J	810	J	3000	J	3500	J
PYRENE	ug/kg	SW8270	42	J	120	J	540	J	33	J	1200	J	860	J
SULFIDE	mg/kg	SW9030	87.7	UJ	90.7	UJ	122	UJ	83.5	UJ	377	UJ	384	UJ
pH	S.U.	SW9045	12.1		11		11		11.1		12		12	

Table 3A
Onondaga Lake Phase II Pre-Design Investigation
Summary of Sediment Analytical Results

		Location	OL-VC-10088		OL-VC-10088		OL-VC-10088		OL-VC-10088		OL-VC-10089		OL-VC-10089	
		Sample Depth	6.6-9.9 Ft		9.9-13.2 Ft		13.2-16.5 Ft		16.5-19.8 Ft		0.0-3.3 Ft		3.3-6.6 Ft	
		Field Sample ID	OL-0174-16		OL-0174-17		OL-0174-18		OL-0174-19		OL-0166-08		OL-0166-09	
		Matrix	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
		Sample Purpose	Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample	
		Sample Date	8/25/2006		8/25/2006		8/25/2006		8/25/2006		8/23/2006		8/23/2006	
		Sample Delivery Group	6H260117 C6H260116		6H260117 C6H260116		6H260117 C6H260116		6H260117 C6H260116		213564|6H240145 C6H240180		213564|6H240145 C6H240180	
Parameter Name	Units	Analytical Method												
SOLIDS, PERCENT	%	ASTM D2216	39.9		41.4		41.9		45.1		40.7		36.8	
SOLIDS, PERCENT	%	E160.3	41.1		35.4		40.3		42.3		41.2		35.7	
NITROGEN, AMMONIA (AS N)	mg/kg	E350.1	190	J	157	J	159	J	127	J	32	J	44	J
TOTAL ORGANIC CARBON	mg/kg	Lloyd Kahn	57400	J	52300	J	73500	J	49500	J	74500	J	47100	J
MERCURY	mg/kg	SW7471	5.8	J	5.4	J	7.3	J	5.7	J	16	J	4.9	J
AROCLOR-1016	ug/kg	SW8082	40	UJ	47	UJ	41	UJ	39	UJ	40	UJ	46	UJ
AROCLOR-1221	ug/kg	SW8082	40	UJ	47	UJ	41	UJ	39	UJ	40	UJ	46	UJ
AROCLOR-1232	ug/kg	SW8082	40	UJ	47	UJ	41	UJ	39	UJ	40	UJ	46	UJ
AROCLOR-1242	ug/kg	SW8082	40	UJ	47	UJ	41	UJ	39	UJ	40	UJ	46	UJ
AROCLOR-1248	ug/kg	SW8082	47	J	47	UJ	62	J	39	UJ	40	UJ	46	UJ
AROCLOR-1254	ug/kg	SW8082	49	J	38	J	75	J	150	J	40	UJ	46	UJ
AROCLOR-1260	ug/kg	SW8082	40	UJ	47	UJ	41	UJ	39	UJ	72	J	32	J
AROCLOR-1268	ug/kg	SW8082	40	UJ	47	UJ	41	UJ	39	UJ	40	UJ	46	UJ
PCBS, N.O.S.	ug/kg	SW8082	96	J	38	J	137	J	150	J	72	J	32	J
1,2,3-TRICHLOROBENZENE	ug/kg	SW8260	1200	UJ	11000	UJ	6200	UJ	5900	UJ	9100	UJ	3500	J
1,2,4-TRICHLOROBENZENE	ug/kg	SW8260	1200	UJ	11000	UJ	1800	J	5900	UJ	14000	J	17000	J
1,2-DICHLOROBENZENE	ug/kg	SW8260	230	J	11000	UJ	22000	J	7000	J	51000	J	59000	J
1,3,5-TRICHLOROBENZENE	ug/kg	SW8260	1200	UJ	11000	UJ	6200	UJ	5900	UJ	9100	UJ	7000	UJ
1,3-DICHLOROBENZENE	ug/kg	SW8260	1200	UJ	11000	UJ	6200	UJ	5900	UJ	9100	UJ	7000	UJ
1,4-DICHLOROBENZENE	ug/kg	SW8260	300	J	1700	J	36000	J	1900	J	73000	J	83000	J
BENZENE	ug/kg	SW8260	790	J	1200	J	970	J	740	J	3200	J	3800	J
CHLOROBENZENE	ug/kg	SW8260	830	J	4200	J	2900	J	1600	J	17000	J	19000	J
ETHYLBENZENE	ug/kg	SW8260	270	J	2200	J	6200	UJ	1300	J	1300	J	1600	J
NAPHTHALENE	ug/kg	SW8260	33000	J	210000	J	110000	J	87000	J	94000	J	140000	J
TOLUENE	ug/kg	SW8260	440	J	11000	UJ	1600	J	5900	UJ	4100	J	4500	J
XYLENES, TOTAL	ug/kg	SW8260	6100	J	33000	J	14000	J	18000	J	29000	J	34000	J
ACENAPHTHENE	ug/kg	SW8270	71	J	230	J	550	J	310	J	190	J	48	J
ACENAPHTHYLENE	ug/kg	SW8270	600	J	3800	J	1300	J	1200	J	620	J	350	J
ANTHRACENE	ug/kg	SW8270	620	J	1100	J	1200	J	930	J	1700	J	1200	J
BENZO(A)ANTHRACENE	ug/kg	SW8270	96	J	280	J	220	J	190	J	490	J	140	J
BENZO(A)PYRENE	ug/kg	SW8270	55	J	160	J	100	J	79	J	270	J	62	J
BENZO(B)FLUORANTHENE	ug/kg	SW8270	64	J	160	J	130	J	93	J	410	J	73	J
BENZO(G,H,I)PERYLENE	ug/kg	SW8270	46	J	130	J	90	J	68	J	190	J	41	J
BENZO(K)FLUORANTHENE	ug/kg	SW8270	81	UJ	81	J	52	J	44	J	150	J	93	UJ
CHRYSENE	ug/kg	SW8270	170	J	390	J	480	J	360	J	800	J	230	J
DIBENZO(A,H)ANTHRACENE	ug/kg	SW8270	81	UJ	29	J	25	J	19	J	58	J	93	UJ
FLUORANTHENE	ug/kg	SW8270	490	J	1100	J	730	J	640	J	2100	J	650	J
FLUORENE	ug/kg	SW8270	81	UJ	94	UJ	83	UJ	79	UJ	81	UJ	93	UJ
INDENO(1,2,3-CD)PYRENE	ug/kg	SW8270	36	J	100	J	74	J	55	J	170	J	32	J
PHENANTHRENE	ug/kg	SW8270	700	J	1800	J	1200	J	1200	J	4000	J	1600	J
PHENOL	ug/kg	SW8270	3800	J	5300	J	3000	J	3200	J	420	J	520	J
PYRENE	ug/kg	SW8270	390	J	780	J	550	J	470	J	1300	J	460	J
SULFIDE	mg/kg	SW9030	365	UJ	84.7	UJ	74.5	UJ	71	UJ	364	UJ	420	UJ
pH	S.U.	SW9045	11.8		11.8		11.8		11.8		11.3		11.5	

Table 3A
Onondaga Lake Phase II Pre-Design Investigation
Summary of Sediment Analytical Results

		Location	OL-VC-10089		OL-VC-10089		OL-VC-10089		OL-VC-10089		OL-VC-10090		OL-VC-10090	
		Sample Depth	6.6-9.9 Ft		9.9-13.2 Ft		13.2-16.5 Ft		16.5-19.7 Ft		0.0-3.3 Ft		0.0-3.3 Ft	
		Field Sample ID	OL-0166-10		OL-0166-11		OL-0166-12		OL-0166-13		OL-0161-07		OL-0161-08	
		Matrix	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
		Sample Purpose	Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample		Field Duplicate	
		Sample Date	8/23/2006		8/23/2006		8/23/2006		8/23/2006		8/21/2006		8/21/2006	
		Sample Delivery Group	213564|6H240145 C6H240180		213564|6H240145 C6H240180		213564|6H240145 C6H240180		213564|6H240145 C6H240180		68019559|6H2202 44 C6H220232		68019559|6H2202 44 C6H220232	
Parameter Name	Units	Analytical Method												
SOLIDS, PERCENT	%	ASTM D2216	34.2		33.8		32.9		34.6		34.4		31.4	
SOLIDS, PERCENT	%	E160.3	34.8		33.9		37.5		35.3		33.3		32.8	
NITROGEN, AMMONIA (AS N)	mg/kg	E350.1	100	J	100	J	65		160	J	1530	J	1870	J
TOTAL ORGANIC CARBON	mg/kg	Lloyd Kahn	36900	J	38200	J	60100	J	40400	J	50600	J	103000	J
MERCURY	mg/kg	SW7471	15.7	J	3.7	J	0.84	J	0.59	J	16.7	J	18.4	J
AROCLOR-1016	ug/kg	SW8082	47	UJ	49	UJ	44	UJ	47	UJ	500	UJ	500	UJ
AROCLOR-1221	ug/kg	SW8082	47	UJ	49	UJ	44	UJ	47	UJ	500	UJ	500	UJ
AROCLOR-1232	ug/kg	SW8082	47	UJ	49	UJ	44	UJ	47	UJ	500	UJ	500	UJ
AROCLOR-1242	ug/kg	SW8082	47	UJ	49	UJ	44	UJ	47	UJ	500	UJ	500	UJ
AROCLOR-1248	ug/kg	SW8082	47	UJ	49	UJ	44	UJ	47	UJ	5800	J	5700	J
AROCLOR-1254	ug/kg	SW8082	47	UJ	49	UJ	44	UJ	47	UJ	3800	J	3600	J
AROCLOR-1260	ug/kg	SW8082	10	J	9.4	J	14	J	30	J	500	UJ	500	UJ
AROCLOR-1268	ug/kg	SW8082	47	UJ	49	UJ	44	UJ	47	UJ	500	UJ	500	UJ
PCBS, N.O.S.	ug/kg	SW8082	10	J	9.4	J	14	J	30	J	9600	J	9300	J
1,2,3-TRICHLOROBENZENE	ug/kg	SW8260	720	UJ	3700	UJ	3300	UJ	3500	UJ	30	UJ	76	UJ
1,2,4-TRICHLOROBENZENE	ug/kg	SW8260	1300	J	3700	UJ	3300	UJ	3500	UJ	30	UJ	24	J
1,2-DICHLOROBENZENE	ug/kg	SW8260	4700	J	1600	J	870	J	860	J	120	J	220	J
1,3,5-TRICHLOROBENZENE	ug/kg	SW8260	720	UJ	3700	UJ	3300	UJ	3500	UJ	30	UJ	53	J
1,3-DICHLOROBENZENE	ug/kg	SW8260	720	UJ	3700	UJ	3300	UJ	3500	UJ	62	J	120	J
1,4-DICHLOROBENZENE	ug/kg	SW8260	8800	J	2300	J	1400	J	1300	J	520	J	750	J
BENZENE	ug/kg	SW8260	340	J	3900	J	2500	J	1600	J	230	J	1200	J
CHLOROBENZENE	ug/kg	SW8260	3600	J	1700	J	1800	J	3500	J	710	J	1300	J
ETHYLBENZENE	ug/kg	SW8260	170	J	1800	J	2800	J	3500	UJ	29	J	41	J
NAPHTHALENE	ug/kg	SW8260	8200	J	51000	J	90000	J	77000	J	270	J	720	J
TOLUENE	ug/kg	SW8260	720	J	8600	J	7900	J	2000	J	88	J	140	J
XYLENES, TOTAL	ug/kg	SW8260	3900	J	30000	J	49000	J	11000	J	200	J	330	J
ACENAPHTHENE	ug/kg	SW8270	73	J	98	UJ	51	J	35	J	980	J	1200	J
ACENAPHTHYLENE	ug/kg	SW8270	1500	J	290	J	810	J	280	J	1500	J	1800	J
ANTHRACENE	ug/kg	SW8270	610	J	430	J	1000	J	430	J	4700	J	5300	J
BENZO(A)ANTHRACENE	ug/kg	SW8270	100	J	62	J	180	J	98	J	5100	J	5800	J
BENZO(A)PYRENE	ug/kg	SW8270	60	J	98	UJ	82	J	49	J	4000	J	4700	J
BENZO(B)FLUORANTHENE	ug/kg	SW8270	67	J	24	J	100	J	54	J	5000	J	5600	J
BENZO(G,H,I)PERYLENE	ug/kg	SW8270	45	J	98	UJ	56	J	34	J	3200	J	3700	J
BENZO(K)FLUORANTHENE	ug/kg	SW8270	96	UJ	98	UJ	43	J	94	UJ	2000	J	2400	J
CHRYSENE	ug/kg	SW8270	150	J	120	J	320	J	160	J	6000	J	6900	J
DIBENZO(A,H)ANTHRACENE	ug/kg	SW8270	96	UJ	98	UJ	24	J	94	UJ	800	J	940	J
FLUORANTHENE	ug/kg	SW8270	470	J	290	J	970	J	480	J	13000	J	15000	J
FLUORENE	ug/kg	SW8270	96	UJ	98	UJ	89	UJ	94	UJ	1000	UJ	1000	UJ
INDENO(1,2,3-CD)PYRENE	ug/kg	SW8270	36	J	98	UJ	42	J	27	J	2700	J	3100	J
PHENANTHRENE	ug/kg	SW8270	1200	J	850	J	1700	J	790	J	10000	J	12000	J
PHENOL	ug/kg	SW8270	770	J	1900	J	2200	J	2400	J	1000	UJ	1000	UJ
PYRENE	ug/kg	SW8270	330	J	210	J	700	J	320	J	11000	J	12000	J
SULFIDE	mg/kg	SW9030	459	J	442	UJ	400	UJ	425	UJ	3300	J	3300	J
pH	S.U.	SW9045	11.6		11.6		11.7		11.7		8.2		8.2	

Table 3A
Onondaga Lake Phase II Pre-Design Investigation
Summary of Sediment Analytical Results

		Location	OL-VC-10090		OL-VC-10090		OL-VC-10090		OL-VC-10090		OL-VC-10090		OL-VC-10091	
		Sample Depth	3.3-6.6 Ft		6.6-9.9 Ft		9.9-13.2 Ft		13.2-16.5 Ft		16.5-19.8 Ft		0.0-3.3 Ft	
		Field Sample ID	OL-0161-09		OL-0161-10		OL-0161-11		OL-0161-12		OL-0161-13		OL-0172-01	
		Matrix	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
		Sample Purpose	Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample	
		Sample Date	8/21/2006		8/21/2006		8/21/2006		8/21/2006		8/21/2006		8/24/2006	
		Sample Delivery Group	68019559|6H2202 44 C6H220232		68019559|6H2202 44 C6H220232		68019559|6H2202 44 C6H220232		68019559|6H2202 44 C6H220232		68019559|6H2202 44 C6H220232		213573|6H250282 C6H250275	
Parameter Name	Units	Analytical Method												
SOLIDS, PERCENT	%	ASTM D2216	43.7		45.5		42.6		37.8		35.1		42.8	
SOLIDS, PERCENT	%	E160.3	43.8		44.2		47.8		34.2		33.8		47.3	
NITROGEN, AMMONIA (AS N)	mg/kg	E350.1	989	J	571	J	334	J	1050	J	1090	J	120	
TOTAL ORGANIC CARBON	mg/kg	Lloyd Kahn	83200	J	47900	J	48000	J	26600	J	27700	J	83400	J
MERCURY	mg/kg	SW7471	54.2	J	13.5	J	13.5	J	13.8	J	4.2	J	51.5	J
AROCLOR-1016	ug/kg	SW8082	380	UJ	37	UJ	35	UJ	48	UJ	49	UJ	350	UJ
AROCLOR-1221	ug/kg	SW8082	380	UJ	37	UJ	35	UJ	48	UJ	49	UJ	350	UJ
AROCLOR-1232	ug/kg	SW8082	380	UJ	37	UJ	35	UJ	48	UJ	49	UJ	350	UJ
AROCLOR-1242	ug/kg	SW8082	380	UJ	37	UJ	35	UJ	48	UJ	49	UJ	350	UJ
AROCLOR-1248	ug/kg	SW8082	380	UJ	37	UJ	63	J	86	J	49	UJ	350	UJ
AROCLOR-1254	ug/kg	SW8082	770	J	37	UJ	35	UJ	48	UJ	49	UJ	620	J
AROCLOR-1260	ug/kg	SW8082	380	UJ	37	UJ	63	J	99	J	29	J	350	UJ
AROCLOR-1268	ug/kg	SW8082	380	UJ	37	UJ	35	UJ	48	UJ	49	UJ	350	UJ
PCBS, N.O.S.	ug/kg	SW8082	770	J	37	UJ	126	J	185	J	29	J	620	J
1,2,3-TRICHLOROBENZENE	ug/kg	SW8260	5700	UJ	14000	UJ	5200	UJ	7300	UJ	3700	UJ	6500	J
1,2,4-TRICHLOROBENZENE	ug/kg	SW8260	3400	J	14000	UJ	2100	J	7300	UJ	2000	J	11000	J
1,2-DICHLOROBENZENE	ug/kg	SW8260	39000	J	52000	J	20000	J	18000	J	18000	J	29000	J
1,3,5-TRICHLOROBENZENE	ug/kg	SW8260	5700	UJ	14000	UJ	5200	UJ	7300	UJ	3700	UJ	400000	UJ
1,3-DICHLOROBENZENE	ug/kg	SW8260	3300	J	14000	UJ	5200	UJ	7300	UJ	3700	UJ	400000	UJ
1,4-DICHLOROBENZENE	ug/kg	SW8260	71000	J	89000	J	21000	J	15000	J	30000	J	42000	J
BENZENE	ug/kg	SW8260	14000	J	5200	J	1200	J	1400	J	470	J	7400	J
CHLOROBENZENE	ug/kg	SW8260	100000	J	89000	J	13000	J	12000	J	17000	J	59000	J
ETHYLBENZENE	ug/kg	SW8260	2800	J	3300	J	1200	J	1600	J	950	J	1000	J
NAPHTHALENE	ug/kg	SW8260	150000	J	370000	J	150000	J	190000	J	98000	J	110000	J
TOLUENE	ug/kg	SW8260	13000	J	17000	J	2800	J	2600	J	1400	J	10000	J
XYLENES, TOTAL	ug/kg	SW8260	20000	J	88000	J	28000	J	31000	J	15000	J	25000	J
ACENAPHTHENE	ug/kg	SW8270	890	J	410	J	180	J	390	J	210	J	610	J
ACENAPHTHYLENE	ug/kg	SW8270	3400	J	1700	J	1500	J	1800	J	1600	J	2500	J
ANTHRACENE	ug/kg	SW8270	5000	J	1700	J	1100	J	1400	J	1400	J	4400	J
BENZO(A)ANTHRACENE	ug/kg	SW8270	2800	J	1000	J	700	J	760	J	530	J	1600	J
BENZO(A)PYRENE	ug/kg	SW8270	1700	J	680	J	420	J	520	J	300	J	840	J
BENZO(B)FLUORANTHENE	ug/kg	SW8270	2000	J	840	J	500	J	610	J	300	J	1100	J
BENZO(G,H,I)PERYLENE	ug/kg	SW8270	1300	J	470	J	300	J	390	J	200	J	650	J
BENZO(K)FLUORANTHENE	ug/kg	SW8270	790	J	310	J	230	J	220	J	130	J	430	J
CHRYSENE	ug/kg	SW8270	3000	J	1100	J	840	J	860	J	650	J	2000	J
DIBENZO(A,H)ANTHRACENE	ug/kg	SW8270	340	J	130	J	83	J	98	J	47	J	190	J
FLUORANTHENE	ug/kg	SW8270	6700	J	2800	J	2300	J	2200	J	1400	J	5200	J
FLUORENE	ug/kg	SW8270	380	UJ	150	UJ	70	UJ	200	UJ	99	UJ	280	UJ
INDENO(1,2,3-CD)PYRENE	ug/kg	SW8270	1100	J	430	J	270	J	340	J	170	J	590	J
PHENANTHRENE	ug/kg	SW8270	8800	J	3800	J	2900	J	3300	J	2000	J	6800	J
PHENOL	ug/kg	SW8270	6500	J	3700	J	1200	J	2200	J	1300	J	6000	J
PYRENE	ug/kg	SW8270	4700	J	1900	J	1400	J	1600	J	1100	J	3100	J
SULFIDE	mg/kg	SW9030	810	J	67	UJ	67	UJ	89	UJ	77	UJ	317	UJ
pH	S.U.	SW9045	9.2		11.7	J	11.9		11.8		11.7		11.6	

Table 3A
Onondaga Lake Phase II Pre-Design Investigation
Summary of Sediment Analytical Results

		Location	OL-VC-10091		OL-VC-10091		OL-VC-10091		OL-VC-10091		OL-VC-10091		OL-VC-10092	
		Sample Depth	3.3-6.6 Ft		6.6-9.9 Ft		9.9-13.2 Ft		13.2-16.5 Ft		16.5-19.6 Ft		0.0-3.3 Ft	
		Field Sample ID	OL-0172-02		OL-0172-03		OL-0172-04		OL-0172-05		OL-0172-06		OL-0169-13	
		Matrix	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
		Sample Purpose	Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample	
		Sample Date	8/24/2006		8/24/2006		8/24/2006		8/24/2006		8/24/2006		8/23/2006	
		Sample Delivery Group	213573|6H250282 C6H250275		213573|6H250282 C6H250275		213573|6H250282 C6H250275		213573|6H250282 C6H250275		213573|6H250282 C6H250275		6H240154 C6H240192	
Parameter Name	Units	Analytical Method												
SOLIDS, PERCENT	%	ASTM D2216	50.1		34.2		29.3		30.2		28.5		42.6	
SOLIDS, PERCENT	%	E160.3	41		38.6		37.4		35.1		33.2		42	
NITROGEN, AMMONIA (AS N)	mg/kg	E350.1	120	J	170	J	180	J	170	J	200	J	184	J
TOTAL ORGANIC CARBON	mg/kg	Lloyd Kahn	56300	J	44100	J	71000	J	56700	J	71800	J	48800	J
MERCURY	mg/kg	SW7471	16	J	16.9	J	21.3	J	26.1	J	22.3	J	10.2	J
AROCLOR-1016	ug/kg	SW8082	400	UJ	430	UJ	440	UJ	470	UJ	500	UJ	39	UJ
AROCLOR-1221	ug/kg	SW8082	400	UJ	430	UJ	440	UJ	470	UJ	500	UJ	39	UJ
AROCLOR-1232	ug/kg	SW8082	400	UJ	430	UJ	440	UJ	470	UJ	500	UJ	39	UJ
AROCLOR-1242	ug/kg	SW8082	400	UJ	430	UJ	440	UJ	470	UJ	500	UJ	39	UJ
AROCLOR-1248	ug/kg	SW8082	400	UJ	430	UJ	440	UJ	470	UJ	500	UJ	39	UJ
AROCLOR-1254	ug/kg	SW8082	400	UJ	290	J	510	J	150	J	310	J	39	UJ
AROCLOR-1260	ug/kg	SW8082	400	UJ	430	UJ	440	UJ	470	UJ	500	UJ	53	J
AROCLOR-1268	ug/kg	SW8082	400	UJ	430	UJ	440	UJ	470	UJ	500	UJ	39	UJ
PCBS, N.O.S.	ug/kg	SW8082	400	UJ	290	J	510	J	150	J	310	J	53	J
1,2,3-TRICHLOROBENZENE	ug/kg	SW8260	33000	J	810000	UJ	500000	UJ	530000	UJ	190000	UJ	6000	UJ
1,2,4-TRICHLOROBENZENE	ug/kg	SW8260	210000	J	810000	UJ	500000	UJ	530000	UJ	780	J	6000	UJ
1,2-DICHLOROBENZENE	ug/kg	SW8260	580000	J	87000	J	25000	J	20000	J	32000	J	8900	J
1,3,5-TRICHLOROBENZENE	ug/kg	SW8260	1500000	UJ	810000	UJ	500000	UJ	530000	UJ	190000	UJ	6000	UJ
1,3-DICHLOROBENZENE	ug/kg	SW8260	1500000	UJ	810000	UJ	500000	UJ	530000	UJ	190000	UJ	6000	UJ
1,4-DICHLOROBENZENE	ug/kg	SW8260	150000	J	170000	J	47000	J	46000	J	61000	J	11000	J
BENZENE	ug/kg	SW8260	6600	J	5500	J	2300	J	2200	J	1500	J	2200	J
CHLOROBENZENE	ug/kg	SW8260	180000	J	340000	J	68000	J	16000	J	15000	J	23000	J
ETHYLBENZENE	ug/kg	SW8260	1500000	UJ	2100	J	1300	J	530000	UJ	820	J	1700	J
NAPHTHALENE	ug/kg	SW8260	230000	J	260000	J	120000	J	160000	J	57000	J	71000	J
TOLUENE	ug/kg	SW8260	17000	J	9300	J	5300	J	3000	J	1900	J	930	J
XYLENES, TOTAL	ug/kg	SW8260	74000	J	49000	J	33000	J	21000	J	9900	J	23000	J
ACENAPHTHENE	ug/kg	SW8270	430	J	320	J	370	J	130	J	110	J	110	J
ACENAPHTHYLENE	ug/kg	SW8270	3400	J	460	J	610	J	1700	J	950	J	720	J
ANTHRACENE	ug/kg	SW8270	2000	J	1200	J	1200	J	1200	J	650	J	1200	J
BENZO(A)ANTHRACENE	ug/kg	SW8270	950	J	460	J	490	J	500	J	350	J	330	J
BENZO(A)PYRENE	ug/kg	SW8270	540	J	140	J	190	J	210	J	240	J	150	J
BENZO(B)FLUORANTHENE	ug/kg	SW8270	680	J	230	J	260	J	260	J	260	J	260	J
BENZO(G,H,I)PERYLENE	ug/kg	SW8270	400	J	92	J	130	J	130	J	170	J	100	J
BENZO(K)FLUORANTHENE	ug/kg	SW8270	280	J	92	J	110	J	96	J	110	J	120	J
CHRYSENE	ug/kg	SW8270	1200	J	650	J	630	J	600	J	440	J	600	J
DIBENZO(A,H)ANTHRACENE	ug/kg	SW8270	110	J	37	J	41	J	38	J	41	J	42	J
FLUORANTHENE	ug/kg	SW8270	3200	J	1300	J	1500	J	2300	J	1300	J	1000	J
FLUORENE	ug/kg	SW8270	81	UJ	86	UJ	89	UJ	780	J	510	J	79	UJ
INDENO(1,2,3-CD)PYRENE	ug/kg	SW8270	370	J	91	J	120	J	120	J	150	J	96	J
PHENANTHRENE	ug/kg	SW8270	4500	J	2100	J	2400	J	3000	J	1600	J	2000	J
PHENOL	ug/kg	SW8270	4500		5000	J	3400	J	2500	J	1900	J	1500	J
PYRENE	ug/kg	SW8270	1800	J	780	J	890	J	1200	J	860	J	680	J
SULFIDE	mg/kg	SW9030	366	UJ	389	UJ	401	UJ	427	UJ	452	UJ	357	UJ
pH	S.U.	SW9045	12.3		12.3		12.3		12.3		12.4		12.2	

Table 3A
Onondaga Lake Phase II Pre-Design Investigation
Summary of Sediment Analytical Results

		Location	OL-VC-10092		OL-VC-10092		OL-VC-10092		OL-VC-10092		OL-VC-10092		OL-VC-10092	
		Sample Depth	3.3-6.6 Ft		3.3-6.6 Ft		6.6-9.9 Ft		9.9-13.2 Ft		13.2-16.5 Ft		16.5-19.0 Ft	
		Field Sample ID	OL-0169-14		OL-0169-15		OL-0169-16		OL-0169-17		OL-0169-18		OL-0169-19	
		Matrix	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
		Sample Purpose	Regular Sample		Field Duplicate		Regular Sample		Regular Sample		Regular Sample		Regular Sample	
		Sample Date	8/23/2006		8/23/2006		8/23/2006		8/23/2006		8/23/2006		8/23/2006	
		Sample Delivery Group	6H240154 C6H240192		6H240154 C6H240192		6H240154 C6H240192		6H240154 C6H240192		6H240154 C6H240192		6H240154 C6H240192	
Parameter Name	Units	Analytical Method												
SOLIDS, PERCENT	%	ASTM D2216	33.6		36.2		41.5		44.9		39.6		38.8	
SOLIDS, PERCENT	%	E160.3	37.2		35.1		39		42.4		41.2		38.7	
NITROGEN, AMMONIA (AS N)	mg/kg	E350.1	284	J	246	J	358	J	336	J	360	J	398	J
TOTAL ORGANIC CARBON	mg/kg	Lloyd Kahn	39000	J	37900	J	41700	J	65600	J	74500	J	59600	J
MERCURY	mg/kg	SW7471	7.2	J	7.5	J	9.2	J	10.9	J	16.2	J	10.2	J
AROCLOR-1016	ug/kg	SW8082	44	UJ	47	UJ	42	UJ	39	UJ	40	UJ	43	UJ
AROCLOR-1221	ug/kg	SW8082	44	UJ	47	UJ	42	UJ	39	UJ	40	UJ	43	UJ
AROCLOR-1232	ug/kg	SW8082	44	UJ	47	UJ	42	UJ	39	UJ	40	UJ	43	UJ
AROCLOR-1242	ug/kg	SW8082	44	UJ	47	UJ	42	UJ	39	UJ	40	UJ	43	UJ
AROCLOR-1248	ug/kg	SW8082	44	UJ	47	UJ	42	UJ	39	UJ	40	UJ	43	UJ
AROCLOR-1254	ug/kg	SW8082	130	J	180	J	62	J	57	J	40	UJ	43	J
AROCLOR-1260	ug/kg	SW8082	44	UJ	47	UJ	42	UJ	39	UJ	40	UJ	43	UJ
AROCLOR-1268	ug/kg	SW8082	44	UJ	47	UJ	42	UJ	39	UJ	40	UJ	43	UJ
PCBS, N.O.S.	ug/kg	SW8082	130	J	180	J	62	J	57	J	40	UJ	43	J
1,2,3-TRICHLOROBENZENE	ug/kg	SW8260	20000	UJ	11000	UJ	9600	UJ	12000	UJ	15000	UJ	5200	UJ
1,2,4-TRICHLOROBENZENE	ug/kg	SW8260	20000	UJ	11000	UJ	9600	UJ	12000	UJ	15000	UJ	5200	UJ
1,2-DICHLOROBENZENE	ug/kg	SW8260	170000	J	150000	J	70000	J	4500	J	4100	J	1500	J
1,3,5-TRICHLOROBENZENE	ug/kg	SW8260	20000	UJ	11000	UJ	9600	UJ	12000	UJ	15000	UJ	5200	UJ
1,3-DICHLOROBENZENE	ug/kg	SW8260	20000	UJ	11000	UJ	9600	UJ	12000	UJ	15000	UJ	5200	UJ
1,4-DICHLOROBENZENE	ug/kg	SW8260	130000	J	110000	J	90000	J	9200	J	8700	J	2700	J
BENZENE	ug/kg	SW8260	5100	J	3900	J	6100	J	3900	J	4300	J	2300	J
CHLOROBENZENE	ug/kg	SW8260	110000	J	82000	J	66000	J	7400	J	8100	J	6200	J
ETHYLBENZENE	ug/kg	SW8260	20000	UJ	1700	J	2800	J	12000	UJ	4600	J	1300	J
NAPHTHALENE	ug/kg	SW8260	400000	J	230000	J	210000	J	180000	J	250000	J	130000	J
TOLUENE	ug/kg	SW8260	2400	J	1800	J	3200	J	3700	J	9400	J	3800	J
XYLENES, TOTAL	ug/kg	SW8260	31000	J	25000	J	38000	J	22000	J	63000	J	22000	J
ACENAPHTHENE	ug/kg	SW8270	180	J	200	J	110	J	140	J	66	J	76	J
ACENAPHTHYLENE	ug/kg	SW8270	1400	J	1700	J	920	J	1000	J	590	J	740	J
ANTHRACENE	ug/kg	SW8270	1700	J	2000	J	1600	J	1200	J	1500	J	2200	J
BENZO(A)ANTHRACENE	ug/kg	SW8270	580	J	690	J	450	J	310	J	300	J	540	J
BENZO(A)PYRENE	ug/kg	SW8270	260	J	350	J	170	J	130	J	110	J	220	J
BENZO(B)FLUORANTHENE	ug/kg	SW8270	380	J	490	J	300	J	210	J	200	J	360	J
BENZO(G,H,I)PERYLENE	ug/kg	SW8270	140	J	190	J	100	J	75	J	73	J	120	J
BENZO(K)FLUORANTHENE	ug/kg	SW8270	180	J	220	J	120	J	110	J	110	J	140	J
CHRYSENE	ug/kg	SW8270	910	J	1100	J	880	J	530	J	550	J	910	J
DIBENZO(A,H)ANTHRACENE	ug/kg	SW8270	58	J	74	J	48	J	34	J	39	J	50	J
FLUORANTHENE	ug/kg	SW8270	1800	J	2200	J	1500	J	1200	J	940	J	1900	J
FLUORENE	ug/kg	SW8270	90	UJ	95	UJ	86	UJ	79	UJ	81	UJ	86	UJ
INDENO(1,2,3-CD)PYRENE	ug/kg	SW8270	130	J	180	J	94	J	68	J	67	J	110	J
PHENANTHRENE	ug/kg	SW8270	4000	J	4700	J	3200	J	2600	J	2000		4000	J
PHENOL	ug/kg	SW8270	3000	J	3000	J	5700	J	5100	J	5500	J	7100	J
PYRENE	ug/kg	SW8270	1200	J	1400	J	930	J	740	J	700	J	1100	J
SULFIDE	mg/kg	SW9030	403	UJ	427	UJ	385	UJ	354	UJ	364	UJ	388	UJ
pH	S.U.	SW9045	12.3		12.3		12.1		12.2		12.3		12.3	

Table 3A
Onondaga Lake Phase II Pre-Design Investigation
Summary of Sediment Analytical Results

		Location	OL-VC-10093		OL-VC-10093		OL-VC-10093		OL-VC-10093		OL-VC-10093		OL-VC-10093	
		Sample Depth	0.0-3.3 Ft		3.3-6.6 Ft		6.6-9.9 Ft		9.9-13.2 Ft		13.2-16.5 Ft		16.5-19.8 Ft	
		Field Sample ID	OL-0166-14		OL-0166-15		OL-0166-16		OL-0166-17		OL-0166-18		OL-0166-19	
		Matrix	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
		Sample Purpose	Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample	
		Sample Date	8/23/2006		8/23/2006		8/23/2006		8/23/2006		8/23/2006		8/23/2006	
		Sample Delivery Group	213564|6H240145 C6H240180		213564|6H240145 C6H240180		213564|6H240145 C6H240180		213564|6H240145 C6H240180		213564|6H240145 C6H240180		213564|6H240145 C6H240180	
Parameter Name	Units	Analytical Method												
SOLIDS, PERCENT	%	ASTM D2216	41.3		42.4		40.2		38.4		36.4		38.4	
SOLIDS, PERCENT	%	E160.3	37		40		39.1		37.2		39.4	J	39	
NITROGEN, AMMONIA (AS N)	mg/kg	E350.1	31	J	45	J	52	J	81	J	83	J	130	J
TOTAL ORGANIC CARBON	mg/kg	Lloyd Kahn	59800	J	52600	J	52800	J	53600	J	55600	J	42300	J
MERCURY	mg/kg	SW7471	10.6	J	3.6	J	2.4	J	1.1	J	4	J	4.8	J
AROCLOR-1016	ug/kg	SW8082	45	UJ	41	UJ	42	UJ	44	UJ	42	UJ	42	UJ
AROCLOR-1221	ug/kg	SW8082	45	UJ	41	UJ	42	UJ	44	UJ	42	UJ	42	UJ
AROCLOR-1232	ug/kg	SW8082	45	UJ	41	UJ	42	UJ	44	UJ	42	UJ	42	UJ
AROCLOR-1242	ug/kg	SW8082	45	UJ	41	UJ	42	UJ	44	UJ	42	UJ	42	UJ
AROCLOR-1248	ug/kg	SW8082	45	UJ	41	UJ	42	UJ	44	UJ	42	UJ	42	UJ
AROCLOR-1254	ug/kg	SW8082	45	UJ	41	UJ	42	UJ	44	UJ	42	UJ	42	UJ
AROCLOR-1260	ug/kg	SW8082	51	J	73	J	35	J	36	J	18	J	94	J
AROCLOR-1268	ug/kg	SW8082	45	UJ	41	UJ	42	UJ	44	UJ	42	UJ	42	UJ
PCBS, N.O.S.	ug/kg	SW8082	51	J	73	J	35	J	36	J	18	J	94	J
1,2,3-TRICHLOROBENZENE	ug/kg	SW8260	6700	UJ	12000	UJ	9600	UJ	4600	J	3200	UJ	3200	UJ
1,2,4-TRICHLOROBENZENE	ug/kg	SW8260	6700	UJ	12000	UJ	9600	UJ	4100	J	3200	UJ	3200	UJ
1,2-DICHLOROBENZENE	ug/kg	SW8260	13000	J	34000	J	15000	J	5600	J	1000	J	480	J
1,3,5-TRICHLOROBENZENE	ug/kg	SW8260	6700	UJ	12000	UJ	9600	UJ	4000	J	3200	UJ	3200	UJ
1,3-DICHLOROBENZENE	ug/kg	SW8260	6700	UJ	12000	UJ	9600	UJ	1200	J	3200	UJ	3200	UJ
1,4-DICHLOROBENZENE	ug/kg	SW8260	28000	J	61000	J	46000	J	9900	J	1900	J	850	J
BENZENE	ug/kg	SW8260	11000	J	21000	J	9700	J	930	J	2600	J	1200	J
CHLOROBENZENE	ug/kg	SW8260	24000	J	180000	J	130000	J	5300	J	4200	J	1600	J
ETHYLBENZENE	ug/kg	SW8260	5900	J	15000	J	6800	J	2000	J	2700	J	960	J
NAPHTHALENE	ug/kg	SW8260	190000	J	130000	J	140000	J	92000	J	56000	J	49000	J
TOLUENE	ug/kg	SW8260	9000	J	18000	J	20000	J	1600	J	3900	J	1500	J
XYLENES, TOTAL	ug/kg	SW8260	73000	J	160000	J	89000	J	35000	J	32000	J	12000	J
ACENAPHTHENE	ug/kg	SW8270	68	J	65	J	100	J	27	J	25	J	78	J
ACENAPHTHYLENE	ug/kg	SW8270	700	J	520	J	1400	J	340	J	290	J	480	J
ANTHRACENE	ug/kg	SW8270	1500	J	1300	J	2200	J	1100	J	540	J	750	J
BENZO(A)ANTHRACENE	ug/kg	SW8270	220	J	230	J	290	J	100	J	66	J	230	J
BENZO(A)PYRENE	ug/kg	SW8270	110	J	160	J	180	J	67	J	40	J	180	J
BENZO(B)FLUORANTHENE	ug/kg	SW8270	150	J	170	J	180	J	79	J	38	J	190	J
BENZO(G,H,I)PERYLENE	ug/kg	SW8270	80	J	99	J	99	J	36	J	20	J	120	J
BENZO(K)FLUORANTHENE	ug/kg	SW8270	75	J	79	J	89	J	35	J	20	J	81	J
CHRYSENE	ug/kg	SW8270	430	J	380	J	480	J	190	J	110	J	330	J
DIBENZO(A,H)ANTHRACENE	ug/kg	SW8270	110	J	38	J	28	J	12	J	5.2	J	30	J
FLUORANTHENE	ug/kg	SW8270	1000	J	1000	J	1100	J	570	J	590	J	830	J
FLUORENE	ug/kg	SW8270	90	UJ	83	UJ	43	UJ	18	UJ	17	UJ	85	UJ
INDENO(1,2,3-CD)PYRENE	ug/kg	SW8270	65	J	83	J	81	J	29	J	15	J	100	J
PHENANTHRENE	ug/kg	SW8270	1900	J	2000	J	2900	J	1500	J	1000	J	1400	J
PHENOL	ug/kg	SW8270	390	J	87	J	150	J	290	J	650	J	390	J
PYRENE	ug/kg	SW8270	700	J	670	J	820	J	340	J	290	J	580	J
SULFIDE	mg/kg	SW9030	405	UJ	375	UJ	383	UJ	403	UJ	381	UJ	384	UJ
pH	S.U.	SW9045	11.7		11.8		11.9		12		11.9		11.5	

Table 3A
Onondaga Lake Phase II Pre-Design Investigation
Summary of Sediment Analytical Results

		Location	OL-VC-10094		OL-VC-10094		OL-VC-10094		OL-VC-10094		OL-VC-10094		OL-VC-10094	
		Sample Depth	0.0-3.3 Ft		3.3-6.6 Ft		6.6-9.9 Ft		9.9-13.2 Ft		13.2-16.5 Ft		16.5-19.8 Ft	
		Field Sample ID	OL-0144-01		OL-0144-02		OL-0144-03		OL-0144-04		OL-0144-05		OL-0144-06	
		Matrix	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
		Sample Purpose	Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample	
		Sample Date	8/15/2006		8/15/2006		8/15/2006		8/15/2006		8/15/2006		8/15/2006	
		Sample Delivery Group	6H160209 C6H160235		6H160209 C6H160235		6H160209 C6H160235		6H160209 C6H160235		6H160209 C6H160235		6H160209 C6H160235	
Parameter Name	Units	Analytical Method												
SOLIDS, PERCENT	%	ASTM D2216	42.5		60.8		45.1		33.4		31.9		38	
SOLIDS, PERCENT	%	E160.3	45.6		53.2		44.6		32.6		31.5		35.4	
NITROGEN, AMMONIA (AS N)	mg/kg	E350.1	234	J	394		251	J	330	J	270	J	246	J
TOTAL ORGANIC CARBON	mg/kg	Lloyd Kahn	25800	J	48200		65500	J	11800	J	18700	J	21900	J
MERCURY	mg/kg	SW7471	3.8	J	4.3		2.6	J	0.33	J	0.23	J	0.21	J
AROCLOR-1016	ug/kg	SW8082		R	31	UJ		R	51	UJ	52	UJ	47	UJ
AROCLOR-1221	ug/kg	SW8082		R	31	UJ		R	51	UJ	52	UJ	47	UJ
AROCLOR-1232	ug/kg	SW8082		R	31	UJ		R	51	UJ	52	UJ	47	UJ
AROCLOR-1242	ug/kg	SW8082		R	31	UJ		R	51	UJ	52	UJ	47	UJ
AROCLOR-1248	ug/kg	SW8082		R	31	UJ		R	51	UJ	52	UJ	47	UJ
AROCLOR-1254	ug/kg	SW8082		R	31	UJ		R	51	UJ	52	UJ	47	UJ
AROCLOR-1260	ug/kg	SW8082		R	31	UJ		R	51	UJ	52	UJ	47	UJ
AROCLOR-1268	ug/kg	SW8082		R	31	UJ		R	51	UJ	52	UJ	47	UJ
PCBS, N.O.S.	ug/kg	SW8082		R	31	UJ		R	51	UJ	52	UJ	47	UJ
1,2,3-TRICHLOROBENZENE	ug/kg	SW8260	1400	UJ	1200	UJ	2800	UJ	770	UJ	790	UJ	14	UJ
1,2,4-TRICHLOROBENZENE	ug/kg	SW8260	1400	UJ	490	J	2800	UJ	770	UJ	790	UJ	14	UJ
1,2-DICHLOROBENZENE	ug/kg	SW8260	6700	J	880	J	2800	UJ	770	UJ	790	UJ	14	UJ
1,3,5-TRICHLOROBENZENE	ug/kg	SW8260	1400	UJ	1200	U	2800	UJ	770	UJ	790	UJ	14	UJ
1,3-DICHLOROBENZENE	ug/kg	SW8260	1400	UJ	1200	U	2800	UJ	770	UJ	790	UJ	14	UJ
1,4-DICHLOROBENZENE	ug/kg	SW8260	18000	J	700	J	2800	UJ	770	UJ	790	UJ	14	UJ
BENZENE	ug/kg	SW8260	240	J	340	J	470	J	770	UJ	790	UJ	14	UJ
CHLOROBENZENE	ug/kg	SW8260	2700	J	170	J	2800	UJ	770	UJ	790	UJ	14	UJ
ETHYLBENZENE	ug/kg	SW8260	1500	J	520	J	730	J	770	UJ	790	UJ	14	UJ
NAPHTHALENE	ug/kg	SW8260	31000	J	28000	J	78000	J	6500	J	1900	J	6.4	J
TOLUENE	ug/kg	SW8260	390	J	580	J	1900	J	770	UJ	790	UJ	14	UJ
XYLENES, TOTAL	ug/kg	SW8260	17000	J	4900		13000	J	2300	UJ	2400	UJ	42	UJ
ACENAPHTHENE	ug/kg	SW8270	170	J	3500		5200	J	390	J	81	J	51	J
ACENAPHTHYLENE	ug/kg	SW8270	590	J	1900		2300	J	360	J	140	J	52	J
ANTHRACENE	ug/kg	SW8270	1900	J	8200		11000	J	940	J	360	J	160	J
BENZO(A)ANTHRACENE	ug/kg	SW8270	980	J	7500		8700	J	910	J	280	J	120	J
BENZO(A)PYRENE	ug/kg	SW8270	680	J	5200		5500	J	610	J	220	J	59	J
BENZO(B)FLUORANTHENE	ug/kg	SW8270	820	J	6600		7500	J	650	J	180	J	59	J
BENZO(G,H,I)PERYLENE	ug/kg	SW8270	410	J	2800		2900	J	380	J	120	J	31	J
BENZO(K)FLUORANTHENE	ug/kg	SW8270	430	J	2800		2600	J	220	J	75	J	22	J
CHRYSENE	ug/kg	SW8270	1200	J	7100		8900	J	1000	J	290	J	110	J
DIBENZO(A,H)ANTHRACENE	ug/kg	SW8270	110	J	1100		1300	J	86	J	27	J	9.2	J
FLUORANTHENE	ug/kg	SW8270	2400	J	16000		21000	J	2100	J	580	J	230	J
FLUORENE	ug/kg	SW8270	150	UJ	630	U	12000	J	950	J	170	J	82	J
INDENO(1,2,3-CD)PYRENE	ug/kg	SW8270	370	J	2800		3000	J	300	J	89	J	25	J
PHENANTHRENE	ug/kg	SW8270	3300	J	21000		35000	J	3200	J	1000	J	480	J
PHENOL	ug/kg	SW8270	3000	J	5100	J	5100	J	3300	J	1400	J	870	J
PYRENE	ug/kg	SW8270	2700	J	15000		17000	J	2800	J	980	J	370	J
SULFIDE	mg/kg	SW9030	298	J	1520		431	J	92.1	UJ	95.3	UJ	84.8	UJ
pH	S.U.	SW9045	9.6		8.4		10.8		11.2		11.5		11.6	

Table 3A
Onondaga Lake Phase II Pre-Design Investigation
Summary of Sediment Analytical Results

		Location	OL-VC-10095		OL-VC-10095		OL-VC-10095		OL-VC-10095		OL-VC-10095		OL-VC-10095	
		Sample Depth	0.0-3.3 Ft		3.3-6.6 Ft		6.6-9.9 Ft		9.9-13.2 Ft		13.2-16.5 Ft		16.5-19.6 Ft	
		Field Sample ID	OL-0158-01		OL-0158-02		OL-0158-03		OL-0158-04		OL-0158-05		OL-0158-06	
		Matrix	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
		Sample Purpose	Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample	
		Sample Date	8/21/2006		8/21/2006		8/21/2006		8/21/2006		8/21/2006		8/21/2006	
		Sample Delivery Group	213523|6H220146 C6H220140		213523|6H220146 C6H220140		213523|6H220146 C6H220140		213523|6H220146 C6H220140		213523|6H220146 C6H220140		213523|6H220146 C6H220140	
Parameter Name	Units	Analytical Method												
SOLIDS, PERCENT	%	ASTM D2216	35.3		38.6		35.8		31		40.1		50.1	
SOLIDS, PERCENT	%	E160.3	34.2		37.8		34.2		30.8		41.3		49	
NITROGEN, AMMONIA (AS N)	mg/kg	E350.1	1300	J	1600	J	1100	J	1200	J	1100	J	990	J
TOTAL ORGANIC CARBON	mg/kg	Lloyd Kahn	57800	J	81400	J	41200	J	20600	J	52200	J	61000	J
MERCURY	mg/kg	SW7471	5.1	J	31.5	J	11.6	J	1.1	J	0.57	J	2	J
AROCLOR-1016	ug/kg	SW8082	240	UJ	220	UJ	240	UJ	54	UJ		R	170	UJ
AROCLOR-1221	ug/kg	SW8082	240	UJ	220	UJ	240	UJ	54	UJ		R	170	UJ
AROCLOR-1232	ug/kg	SW8082	240	UJ	220	UJ	240	UJ	54	UJ		R	170	UJ
AROCLOR-1242	ug/kg	SW8082	240	UJ	220	UJ	240	UJ	54	UJ		R	170	UJ
AROCLOR-1248	ug/kg	SW8082	2200	J	2000	J	2300	J	56	J	47	J	170	UJ
AROCLOR-1254	ug/kg	SW8082	1500	J	1400	J	1600	J	54	UJ	25	J	170	UJ
AROCLOR-1260	ug/kg	SW8082	240	UJ	220	UJ	240	UJ	29	J		R	250	J
AROCLOR-1268	ug/kg	SW8082	240	UJ	220	UJ	240	UJ	54	UJ		R	170	UJ
PCBS, N.O.S.	ug/kg	SW8082	3700	J	3400	J	3900	J	85	J	72	J	250	J
1,2,3-TRICHLOROBENZENE	ug/kg	SW8260	720	UJ	830	UJ	9100	UJ	3200	UJ	5000	UJ	560	UJ
1,2,4-TRICHLOROBENZENE	ug/kg	SW8260	720	UJ	830	UJ	9100	UJ	3200	UJ	5000	UJ	560	UJ
1,2-DICHLOROBENZENE	ug/kg	SW8260	140	J	4200	J	12000	J	2500	J	2100	J	74	J
1,3,5-TRICHLOROBENZENE	ug/kg	SW8260	95	J	200	J	9100	UJ	3200	UJ	5000	UJ	15	J
1,3-DICHLOROBENZENE	ug/kg	SW8260	140	J	5000	J	9100	UJ	3200	UJ	5000	UJ	24	J
1,4-DICHLOROBENZENE	ug/kg	SW8260	470	J	20000	J	14000	J	4800	J	3000	J	86	J
BENZENE	ug/kg	SW8260	440	J	2000	J	830	J	170	J	5000	UJ	67	J
CHLOROBENZENE	ug/kg	SW8260	910	J	17000	J	12000	J	1800	J	1400	J	40	J
ETHYLBENZENE	ug/kg	SW8260	720	UJ	980	J	3600	J	400	J	510	J	190	J
NAPHTHALENE	ug/kg	SW8260	720	UJ	26000	J	190000	J	36000	J	82000	J	7600	J
TOLUENE	ug/kg	SW8260	73	J	560	J	2500	J	520	J	500	J	140	J
XYLENES, TOTAL	ug/kg	SW8260	98	J	6400	J	39000	J	5300	J	5000	J	710	J
ACENAPHTHENE	ug/kg	SW8270	220	J	1000	J	340	J	110	J	480	J	940	J
ACENAPHTHYLENE	ug/kg	SW8270	480	J	1600	J	2000	J	910	J	900	J	910	J
ANTHRACENE	ug/kg	SW8270	810	J	5700	J	1500	J	660	J	1300	J	1300	J
BENZO(A)ANTHRACENE	ug/kg	SW8270	1300	J	3900	J	1300	J	310	J	800	J	3000	J
BENZO(A)PYRENE	ug/kg	SW8270	1300	J	4000	J	1100	J	220	J	570	J	2400	J
BENZO(B)FLUORANTHENE	ug/kg	SW8270	1800	J	5100	J	1500	J	250	J	750	J	3000	J
BENZO(G,H,I)PERYLENE	ug/kg	SW8270	730	J	1800	J	550	J	140	J	440	J	1700	J
BENZO(K)FLUORANTHENE	ug/kg	SW8270	670	J	2100	J	740	J	110	J	310	J	1300	J
CHRYSENE	ug/kg	SW8270	1400	J	5300	J	1600	J	410	J	1000	J	3700	J
DIBENZO(A,H)ANTHRACENE	ug/kg	SW8270	190	J	2000	J	180	J	40	J	130	J	520	J
FLUORANTHENE	ug/kg	SW8270	2300	J	11000	J	2700	J	880	J	2000	J	4500	J
FLUORENE	ug/kg	SW8270	290	J	440	UJ	190	UJ	300	J	160	UJ	860	J
INDENO(1,2,3-CD)PYRENE	ug/kg	SW8270	660	J	1800	J	510	J	120	J	390	J	1600	J
PHENANTHRENE	ug/kg	SW8270	1600	J	9800	J	3600	J	1600	J	3500	J	4300	J
PHENOL	ug/kg	SW8270	490	UJ	440	UJ	1100	J	670	J	60	J	340	UJ
PYRENE	ug/kg	SW8270	2700	J	10000	J	2900	J	750	J	1700	J	5600	J
SULFIDE	mg/kg	SW9030	2340	J	3070	J	1290	J	650	J	387	J	2690	J
pH	S.U.	SW9045	7.9		8.2		9.3		9.6		8.4		7.9	

Table 3A
Onondaga Lake Phase II Pre-Design Investigation
Summary of Sediment Analytical Results

		Location	OL-VC-10095		OL-VC-10095A		OL-VC-10095A		OL-VC-10095A		OL-VC-10095A		OL-VC-10095A	
		Sample Depth	16.5-19.6 Ft		0.0-3.3 Ft		3.3-6.6 Ft		6.6-9.9 Ft		9.9-13.2 Ft		13.2-16.5 Ft	
		Field Sample ID	OL-0158-07		OL-0158-08		OL-0158-09		OL-0158-10		OL-0158-11		OL-0158-12	
		Matrix	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
		Sample Purpose	Field Duplicate		Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample	
		Sample Date	8/21/2006		8/21/2006		8/21/2006		8/21/2006		8/21/2006		8/21/2006	
		Sample Delivery Group	213523|6H220146 C6H220140		213523|6H220146 C6H220140		213523|6H220146 C6H220140		213523|6H220146 C6H220140		213523|6H220146 C6H220140		213523|6H220146 C6H220140	
Parameter Name	Units	Analytical Method												
SOLIDS, PERCENT	%	ASTM D2216	50		32.8		36.7		38.6		29.4		44.1	
SOLIDS, PERCENT	%	E160.3	50.2		33.6		35.8		37.9		32.9		45.1	
NITROGEN, AMMONIA (AS N)	mg/kg	E350.1	910		1200	J	1500	J	1100	J	1100	J	990	J
TOTAL ORGANIC CARBON	mg/kg	Lloyd Kahn	83700	J	60200	J	93500	J	37100	J	37600	J	42500	J
MERCURY	mg/kg	SW7471	2		5.1	J	34.3	J	11.1	J	1.4	J	0.78	J
AROCLOR-1016	ug/kg	SW8082	160	U	250	UJ	230	UJ	220	UJ	50	UJ	180	UJ
AROCLOR-1221	ug/kg	SW8082	160	U	250	UJ	230	UJ	220	UJ	50	UJ	180	UJ
AROCLOR-1232	ug/kg	SW8082	160	U	250	UJ	230	UJ	220	UJ	50	UJ	180	UJ
AROCLOR-1242	ug/kg	SW8082	160	U	250	UJ	230	UJ	220	UJ	50	UJ	180	UJ
AROCLOR-1248	ug/kg	SW8082	160	U	250	UJ	5300	J	220	UJ	130	J	180	UJ
AROCLOR-1254	ug/kg	SW8082	160	U	850	J	3400	J	540	J	90	J	87	J
AROCLOR-1260	ug/kg	SW8082	240		250	UJ	230	UJ	220	UJ	50	UJ	180	UJ
AROCLOR-1268	ug/kg	SW8082	160	U	250	UJ	230	UJ	220	UJ	50	UJ	180	UJ
PCBS, N.O.S.	ug/kg	SW8082	240		850	J	8700	J	540	J	220	J	87	J
1,2,3-TRICHLOROBENZENE	ug/kg	SW8260	500	UJ	15	UJ	700	UJ	5500	UJ	7500	UJ	910	UJ
1,2,4-TRICHLOROBENZENE	ug/kg	SW8260	500	UJ	15	UJ	700	UJ	5500	UJ	7500	UJ	910	UJ
1,2-DICHLOROBENZENE	ug/kg	SW8260	69	J	15	UJ	1700	J	10000	J	7400	J	430	J
1,3,5-TRICHLOROBENZENE	ug/kg	SW8260	22	J	2.1	J	150	J	5500	UJ	7500	UJ	910	UJ
1,3-DICHLOROBENZENE	ug/kg	SW8260	16	J	10	J	1300	J	940	J	7500	UJ	41	J
1,4-DICHLOROBENZENE	ug/kg	SW8260	78	J	51	J	6700	J	18000	J	13000	J	500	J
BENZENE	ug/kg	SW8260	62	J	24	J	1900	J	1400	J	430	J	120	J
CHLOROBENZENE	ug/kg	SW8260	33	J	96	J	10000	J	16000	J	4800	J	430	J
ETHYLBENZENE	ug/kg	SW8260	190	J	15	UJ	460	J	5400	J	1100	J	370	J
NAPHTHALENE	ug/kg	SW8260	7000	J	3	J	8400	J	170000	J	120000	J	28000	J
TOLUENE	ug/kg	SW8260	120	J	1.6	J	400	J	3000	J	1700	J	280	J
XYLENES, TOTAL	ug/kg	SW8260	680	J	9.9	J	4700	J	36000	J	15000	J	2700	J
ACENAPHTHENE	ug/kg	SW8270	860		150	J	1000	J	450	J	150	J	570	J
ACENAPHTHYLENE	ug/kg	SW8270	840		350	J	1800	J	1800	J	1100	J	750	J
ANTHRACENE	ug/kg	SW8270	1700		510	J	4900	J	2000	J	750	J	1200	J
BENZO(A)ANTHRACENE	ug/kg	SW8270	2600		1000	J	5800	J	1600	J	540	J	1100	J
BENZO(A)PYRENE	ug/kg	SW8270	2200		1000	J	4300	J	1400	J	370	J	990	J
BENZO(B)FLUORANTHENE	ug/kg	SW8270	2500		1300	J	5500	J	1700	J	480	J	1300	J
BENZO(G,H,I)PERYLENE	ug/kg	SW8270	1500		820	J	3300	J	1000	J	260	J	720	J
BENZO(K)FLUORANTHENE	ug/kg	SW8270	1300		510	J	2000	J	650	J	210	J	540	J
CHRYSENE	ug/kg	SW8270	3000		1300	J	6900	J	2200	J	640	J	1600	J
DIBENZO(A,H)ANTHRACENE	ug/kg	SW8270	480		210	J	830	J	320	J	75	J	220	J
FLUORANTHENE	ug/kg	SW8270	5100		1700	J	12000	J	3800	J	1200	J	2500	J
FLUORENE	ug/kg	SW8270	820		210	J	470	UJ	950	J	100	UJ	680	J
INDENO(1,2,3-CD)PYRENE	ug/kg	SW8270	1400		670	J	2800	J	890	J	230	J	650	J
PHENANTHRENE	ug/kg	SW8270	5500		1100	J	14000	J	5900	J	2200	J	3400	J
PHENOL	ug/kg	SW8270	330	U	200	UJ	470	UJ	990	J	790	J	94	J
PYRENE	ug/kg	SW8270	4600		1900	J	11000	J	3400	J	1100	J	2100	J
SULFIDE	mg/kg	SW9030	2310		2620	J	3910	J	844	J	486	J	798	J
pH	S.U.	SW9045	7.9		8.1		8.3		9.4		9.5		8.4	

Table 3A
Onondaga Lake Phase II Pre-Design Investigation
Summary of Sediment Analytical Results

		Location	OL-VC-10095A		OL-VC-10096		OL-VC-10096		OL-VC-10096		OL-VC-10096		OL-VC-10096	
		Sample Depth	16.5-19.1 Ft		0.0-3.3 Ft		3.3-6.6 Ft		6.6-9.9 Ft		9.9-13.2 Ft		13.2-16.5 Ft	
		Field Sample ID	OL-0158-13		OL-0173-07		OL-0173-08		OL-0173-09		OL-0173-10		OL-0173-11	
		Matrix	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
		Sample Purpose	Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample	
		Sample Date	8/21/2006		8/24/2006		8/24/2006		8/24/2006		8/24/2006		8/24/2006	
		Sample Delivery Group	213523|6H220146 C6H220140		68019697|6H2503 27 C6H250315		68019697|6H2503 27 C6H250315		68019697|6H2503 27 C6H250315		68019697|6H2503 27 C6H250315		68019697|6H2503 27 C6H250315	
Parameter Name	Units	Analytical Method												
SOLIDS, PERCENT	%	ASTM D2216	49.2		45.3		38.8		35.3		40.4		36.5	
SOLIDS, PERCENT	%	E160.3	50.6		47.2		46.9		38.1		36.4		33.1	
NITROGEN, AMMONIA (AS N)	mg/kg	E350.1	990		785	J	429	J	446	J	330	J	396	J
TOTAL ORGANIC CARBON	mg/kg	Lloyd Kahn	70300	J	94000	J	137000	J	123000	J	103000	J	62900	J
MERCURY	mg/kg	SW7471	2		65.8	J	17.8	J	17.3	J	18.5	J	26.4	J
AROCLOR-1016	ug/kg	SW8082	33	U	350	UJ	35	UJ	43	UJ	45	UJ	50	UJ
AROCLOR-1221	ug/kg	SW8082	33	U	350	UJ	35	UJ	43	UJ	45	UJ	50	UJ
AROCLOR-1232	ug/kg	SW8082	33	U	350	UJ	35	UJ	43	UJ	45	UJ	50	UJ
AROCLOR-1242	ug/kg	SW8082	33	U	350	UJ	35	UJ	43	UJ	45	UJ	50	UJ
AROCLOR-1248	ug/kg	SW8082	33	U	700	J	35	UJ	43	UJ	45	UJ	130	J
AROCLOR-1254	ug/kg	SW8082	33	U	880	J	35	UJ	43	UJ	45	UJ	180	J
AROCLOR-1260	ug/kg	SW8082	33	U	350	UJ	130	J	43	UJ	45	UJ	50	UJ
AROCLOR-1268	ug/kg	SW8082	33	U	350	UJ	35	UJ	43	UJ	45	UJ	50	UJ
PCBS, N.O.S.	ug/kg	SW8082	33	U	1580	J	130	J	43	UJ	45	UJ	310	J
1,2,3-TRICHLOROBENZENE	ug/kg	SW8260	810	U	16000	UJ	5300	UJ	16000	UJ	6900	UJ	760	UJ
1,2,4-TRICHLOROBENZENE	ug/kg	SW8260	810	U	6600	J	3600	J	6800	J	6900	UJ	760	UJ
1,2-DICHLOROBENZENE	ug/kg	SW8260	71	J	79000	J	92000	J	100000	J	28000	J	2100	J
1,3,5-TRICHLOROBENZENE	ug/kg	SW8260	810	U	16000	UJ	5300	UJ	16000	UJ	6900	UJ	760	UJ
1,3-DICHLOROBENZENE	ug/kg	SW8260	810	U	31000	J	5300	UJ	16000	UJ	6900	UJ	760	UJ
1,4-DICHLOROBENZENE	ug/kg	SW8260	90	J	340000	J	170000	J	90000	J	98000	J	7300	J
BENZENE	ug/kg	SW8260	57	J	24000	J	19000	J	12000	J	4100	J	290	J
CHLOROBENZENE	ug/kg	SW8260	33	J	320000	J	170000	J	100000	J	34000	J	2500	J
ETHYLBENZENE	ug/kg	SW8260	210	J	10000	J	3000	J	16000	UJ	1600	J	110	J
NAPHTHALENE	ug/kg	SW8260	9400		300000	J	140000	J	230000	J	120000	J	7400	J
TOLUENE	ug/kg	SW8260	70	J	18000	J	13000	J	12000	J	8000	J	560	J
XYLENES, TOTAL	ug/kg	SW8260	710	J	93000	J	71000	J	54000	J	42000	J	2900	J
ACENAPHTHENE	ug/kg	SW8270	860		650	J	790	J	190	J	120	J	92	J
ACENAPHTHYLENE	ug/kg	SW8270	870		3400	J	2000	J	1100	J	540	J	630	J
ANTHRACENE	ug/kg	SW8270	1700		5400	J	2500	J	1100	J	1100	J	960	J
BENZO(A)ANTHRACENE	ug/kg	SW8270	2600		1700	J	850	J	490	J	540	J	360	J
BENZO(A)PYRENE	ug/kg	SW8270	2100		1000	J	550	J	270	J	280	J	190	J
BENZO(B)FLUORANTHENE	ug/kg	SW8270	2600		1300	J	720	J	370	J	340	J	230	J
BENZO(G,H,I)PERYLENE	ug/kg	SW8270	1500		700	J	370	J	160	J	160	J	120	J
BENZO(K)FLUORANTHENE	ug/kg	SW8270	1100		690	J	310	J	140	J	190	J	130	J
CHRYSENE	ug/kg	SW8270	3300		2100	J	1300	J	720	J	730	J	560	J
DIBENZO(A,H)ANTHRACENE	ug/kg	SW8270	500		230	J	140	J	54	J	57	J	42	J
FLUORANTHENE	ug/kg	SW8270	4700		4600	J	2800	J	1600	J	1700	J	1300	J
FLUORENE	ug/kg	SW8270	760		350	UJ	140	UJ	88	UJ	92	UJ	100	UJ
INDENO(1,2,3-CD)PYRENE	ug/kg	SW8270	1400		640	J	340	J	150	J	150	J	110	J
PHENANTHRENE	ug/kg	SW8270	5400		7200	J	5400	J	2600	J	2500	J	1800	J
PHENOL	ug/kg	SW8270	330	U	1400	J	3300	J	6700	J	2500	J	2500	J
PYRENE	ug/kg	SW8270	4700		3200	J	2100	J	1100	J	1100	J	890	J
SULFIDE	mg/kg	SW9030	3320		540	J	67	UJ	78	UJ	80	UJ	82	UJ
pH	S.U.	SW9045	7.8		9	J	11	J	12.2		12.3		12.2	

Table 3A
Onondaga Lake Phase II Pre-Design Investigation
Summary of Sediment Analytical Results

		Location	OL-VC-10096		OL-VC-10096A		OL-VC-10096A		OL-VC-10096A		OL-VC-10096A		OL-VC-10096A	
		Sample Depth	16.5-19.8 Ft		0.0-3.3 Ft		3.3-6.6 Ft		13.2-16.5 Ft		9.9-13.2 Ft		9.9-13.2 Ft	
		Field Sample ID	OL-0173-12		OL-0173-13		OL-0173-14		OL-0173-15		OL-0173-16		OL-0173-17	
		Matrix	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
		Sample Purpose	Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample		Field Duplicate	
		Sample Date	8/24/2006		8/24/2006		8/24/2006		8/24/2006		8/24/2006		8/24/2006	
		Sample Delivery Group	68019697|6H2503 27 C6H250315		68019697|6H2503 27 C6H250315		68019697|6H2503 27 C6H250315		68019697|6H2503 27 C6H250315		68019697|6H2503 27 C6H250315		68019697|6H2503 27 C6H250315	
Parameter Name	Units	Analytical Method												
SOLIDS, PERCENT	%	ASTM D2216	38.7		41.3		49.7		27.3		39.6		30.8	
SOLIDS, PERCENT	%	E160.3	34		44.6		45.8		33.9		36.4		37.1	
NITROGEN, AMMONIA (AS N)	mg/kg	E350.1	399	J	597	J	660	J	496	J	289	J	406	J
TOTAL ORGANIC CARBON	mg/kg	Lloyd Kahn	64900	J	103000	J	69600	J	59200	J	55400	J	71000	J
MERCURY	mg/kg	SW7471	19.3	J	54	J	37.6	J	21.6	J	20.2	J	19.5	J
AROCLOR-1016	ug/kg	SW8082	48	UJ	370	UJ	360	UJ	49	UJ	45	UJ	440	UJ
AROCLOR-1221	ug/kg	SW8082	48	UJ	370	UJ	360	UJ	49	UJ	45	UJ	440	UJ
AROCLOR-1232	ug/kg	SW8082	48	UJ	370	UJ	360	UJ	49	UJ	45	UJ	440	UJ
AROCLOR-1242	ug/kg	SW8082	48	UJ	370	UJ	360	UJ	49	UJ	45	UJ	440	UJ
AROCLOR-1248	ug/kg	SW8082	110	J	1100	J	510	J	110	J	190	J	440	UJ
AROCLOR-1254	ug/kg	SW8082	100	J	980	J	680	J	160	J	300	J	340	J
AROCLOR-1260	ug/kg	SW8082	48	UJ	370	UJ	360	UJ	49	UJ	45	UJ	440	UJ
AROCLOR-1268	ug/kg	SW8082	48	UJ	370	UJ	360	UJ	49	UJ	45	UJ	440	UJ
PCBS, N.O.S.	ug/kg	SW8082	210	J	2080	J	1190	J	270	J	490	J	340	J
1,2,3-TRICHLOROBENZENE	ug/kg	SW8260	5900	UJ	28000	UJ	14000	UJ	3700	UJ	6900	UJ	5400	UJ
1,2,4-TRICHLOROBENZENE	ug/kg	SW8260	5900	UJ	28000	UJ	14000	UJ	3700	UJ	1400	J	5400	UJ
1,2-DICHLOROBENZENE	ug/kg	SW8260	13000	J	690000	J	58000	J	7700	J	38000	J	20000	J
1,3,5-TRICHLOROBENZENE	ug/kg	SW8260	5900	UJ	28000	UJ	14000	UJ	3700	UJ	6900	UJ	5400	UJ
1,3-DICHLOROBENZENE	ug/kg	SW8260	5900	UJ	28000	UJ	14000	UJ	3700	UJ	6900	UJ	5400	UJ
1,4-DICHLOROBENZENE	ug/kg	SW8260	20000	J	650000	J	130000	J	19000	J	110000	J	67000	J
BENZENE	ug/kg	SW8260	5900	J	15000	J	19000	J	1900	J	2700	J	2800	J
CHLOROBENZENE	ug/kg	SW8260	30000	J	350000	J	170000	J	30000	J	29000	J	24000	J
ETHYLBENZENE	ug/kg	SW8260	2300	J	3400	J	3200	J	970	J	950	J	880	J
NAPHTHALENE	ug/kg	SW8260	92000	J	140000	J	140000	J	48000	J	120000	J	88000	J
TOLUENE	ug/kg	SW8260	2600	J	8300	J	13000	J	1700	J	4900	J	4600	J
XYLENES, TOTAL	ug/kg	SW8260	27000	J	34000	J	75000	J	11000	J	24000	J	24000	J
ACENAPHTHENE	ug/kg	SW8270	75	J	380	J	1000	J	67	J	100	J	130	J
ACENAPHTHYLENE	ug/kg	SW8270	550	J	2300	J	2800	J	500	J	550	J	660	J
ANTHRACENE	ug/kg	SW8270	870	J	5900	J	5200	J	550	J	1100	J	1400	J
BENZO(A)ANTHRACENE	ug/kg	SW8270	250	J	1500	J	1900	J	220	J	450	J	530	J
BENZO(A)PYRENE	ug/kg	SW8270	110	J	970	J	1300	J	140	J	250	J	310	J
BENZO(B)FLUORANTHENE	ug/kg	SW8270	160	J	1300	J	1600	J	160	J	370	J	400	J
BENZO(G,H,I)PERYLENE	ug/kg	SW8270	69	J	650	J	850	J	85	J	150	J	170	J
BENZO(K)FLUORANTHENE	ug/kg	SW8270	65	J	550	J	630	J	70	J	180	J	180	J
CHRYSENE	ug/kg	SW8270	400	J	2100	J	2500	J	350	J	660	J	840	J
DIBENZO(A,H)ANTHRACENE	ug/kg	SW8270	27	J	210	J	260	J	52	J	48	J	59	J
FLUORANTHENE	ug/kg	SW8270	970	J	4600	J	5800	J	810	J	1500	J	1900	J
FLUORENE	ug/kg	SW8270	98	UJ	150	UJ	150	UJ	98	UJ	92	UJ	90	UJ
INDENO(1,2,3-CD)PYRENE	ug/kg	SW8270	64	J	590	J	760	J	77	J	140	J	160	J
PHENANTHRENE	ug/kg	SW8270	1700	J	6300	J	9300	J	1300	J	2300	J	2800	J
PHENOL	ug/kg	SW8270	5600	J	890	J	4500	J	3500	J	2000	J	2400	J
PYRENE	ug/kg	SW8270	590	J	2900	J	3700	J	480	J	970	J	1100	J
SULFIDE	mg/kg	SW9030	83	UJ	400	J	390	J	73	UJ	86	UJ	80	UJ
pH	S.U.	SW9045	12.3		8.8		10.4		12.2		12.2		12.3	

Table 3A
Onondaga Lake Phase II Pre-Design Investigation
Summary of Sediment Analytical Results

		Location	OL-VC-10096A		OL-VC-10096A		OL-VC-10097		OL-VC-10097		OL-VC-10097		OL-VC-10097	
		Sample Depth	6.6-9.9 Ft		16.5-17.4 Ft		0.0-3.3 Ft		3.3-6.6 Ft		6.6-9.9 Ft		9.9-13.2 Ft	
		Field Sample ID	OL-0173-18		OL-0173-19		OL-0167-01		OL-0167-02		OL-0167-03		OL-0167-04	
		Matrix	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
		Sample Purpose	Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample	
		Sample Date	8/24/2006		8/24/2006		8/23/2006		8/23/2006		8/23/2006		8/23/2006	
		Sample Delivery Group	68019697|6H2503 27 C6H250315		68019697|6H2503 27 C6H250315		213563|6H240149 C6H240182		213563|6H240149 C6H240182		213563|6H240149 C6H240182		213563|6H240149 C6H240182	
Parameter Name	Units	Analytical Method												
SOLIDS, PERCENT	%	ASTM D2216	37		40.7		37		27.7		34.7		37.3	
SOLIDS, PERCENT	%	E160.3	38.8		36.4		46.7		32.8		32.8		39.2	
NITROGEN, AMMONIA (AS N)	mg/kg	E350.1	285	J	455	J	73		270	J	340	J	350	J
TOTAL ORGANIC CARBON	mg/kg	Lloyd Kahn	54100	J	36100	J	40400	J	33200	J	28900	J	37300	J
MERCURY	mg/kg	SW7471	18	J	11.9	J	26.1	J	30.8	J	62.3	J	29	J
AROCLOR-1016	ug/kg	SW8082	430	UJ	45	UJ	35	UJ		R	50	UJ	42	UJ
AROCLOR-1221	ug/kg	SW8082	430	UJ	45	UJ	35	UJ		R	50	UJ	42	UJ
AROCLOR-1232	ug/kg	SW8082	430	UJ	45	UJ	35	UJ		R	50	UJ	42	UJ
AROCLOR-1242	ug/kg	SW8082	430	UJ	45	UJ	35	UJ		R	50	UJ	42	UJ
AROCLOR-1248	ug/kg	SW8082	360	J	45	UJ	35	UJ		R	50	UJ	42	UJ
AROCLOR-1254	ug/kg	SW8082	450	J	110	J	100	J		R	50	UJ	99	J
AROCLOR-1260	ug/kg	SW8082	430	UJ	45	UJ	35	UJ	50	J	84	J	42	UJ
AROCLOR-1268	ug/kg	SW8082	430	UJ	45	UJ	35	UJ		R	50	UJ	42	UJ
PCBS, N.O.S.	ug/kg	SW8082	810	J	110	J	100	J	50	J	84	J	99	J
1,2,3-TRICHLOROBENZENE	ug/kg	SW8260	16000	UJ	3400	UJ	540000	UJ	7600	UJ	11000	UJ	9600	UJ
1,2,4-TRICHLOROBENZENE	ug/kg	SW8260	7000	J	1700	J	130000	J	2000	J	6500	J	9600	UJ
1,2-DICHLOROBENZENE	ug/kg	SW8260	150000	J	10000	J	4200000	J	14000	J	46000	J	50000	J
1,3,5-TRICHLOROBENZENE	ug/kg	SW8260	16000	UJ	3400	UJ	540000	UJ	7600	UJ	11000	UJ	9600	UJ
1,3-DICHLOROBENZENE	ug/kg	SW8260	16000	UJ	3400	UJ	540000	UJ	7600	UJ	11000	UJ	9600	UJ
1,4-DICHLOROBENZENE	ug/kg	SW8260	170000	J	16000	J	12000000	J	11000	J	82000	J	9100	J
BENZENE	ug/kg	SW8260	8500	J	2400	J	65000	J	1500	J	1600	J	3700	J
CHLOROBENZENE	ug/kg	SW8260	170000	J	16000	J	6000000	J	10000	J	2600	J	4300	J
ETHYLBENZENE	ug/kg	SW8260	3000	J	1200	J	540000	UJ	1600	J	1400	J	8600	J
NAPHTHALENE	ug/kg	SW8260	330000	J	95000	J	2000000	J	95000	J	120000	J	110000	J
TOLUENE	ug/kg	SW8260	16000	J	1500	J	540000	UJ	1400	J	1400	J	1800	J
XYLENES, TOTAL	ug/kg	SW8260	75000	J	17000	J	460000	J	20000	J	18000	J	84000	J
ACENAPHTHENE	ug/kg	SW8270	130	J	110	J	160	J	210	J	43	J	110	J
ACENAPHTHYLENE	ug/kg	SW8270	950	J	890	J	860	J	2600	J	430	J	690	J
ANTHRACENE	ug/kg	SW8270	1100	J	870	J	1300	J	2000	J	610	J	1300	J
BENZO(A)ANTHRACENE	ug/kg	SW8270	430	J	450	J	1000	J	550	J	160	J	550	J
BENZO(A)PYRENE	ug/kg	SW8270	270	J	280	J	590	J	200	J	51	J	240	J
BENZO(B)FLUORANTHENE	ug/kg	SW8270	330	J	360	J	700	J	300	J	85	J	330	J
BENZO(G,H,I)PERYLENE	ug/kg	SW8270	160	J	190	J	260	J	120	J	29	J	140	J
BENZO(K)FLUORANTHENE	ug/kg	SW8270	140	J	170	J	270	J	150	J	37	J	120	J
CHRYSENE	ug/kg	SW8270	660	J	670	J	1200	J	860	J	250	J	780	J
DIBENZO(A,H)ANTHRACENE	ug/kg	SW8270	55	J	63	J	100	J	63	J	16	J	46	J
FLUORANTHENE	ug/kg	SW8270	1500	J	1200	J	2700	J	2000	J	580	J	1800	J
FLUORENE	ug/kg	SW8270	86	UJ	92	UJ	71	UJ	100	UJ	51	UJ	85	UJ
INDENO(1,2,3-CD)PYRENE	ug/kg	SW8270	150	J	180	J	290	J	130	J	32	J	140	J
PHENANTHRENE	ug/kg	SW8270	2200	J	2000	J	3000	J	3800	J	1100	J	2200	J
PHENOL	ug/kg	SW8270	4100	J	7000	J	1200	J	2200	J	2300	J	1700	J
PYRENE	ug/kg	SW8270	940	J	820	J	1300	J	920	J	270	J	970	J
SULFIDE	mg/kg	SW9030	88	UJ	79	UJ	321	UJ	458	UJ	457	UJ	383	UJ
pH	S.U.	SW9045	12.3		12.3		11.7		12		12		11.9	

Table 3A
Onondaga Lake Phase II Pre-Design Investigation
Summary of Sediment Analytical Results

		Location	OL-VC-10097		OL-VC-10097		OL-VC-10097A		OL-VC-10097A		OL-VC-10097A		OL-VC-10097A	
		Sample Depth	13.2-16.5 Ft		16.5-18.4 Ft		0.0-3.3 Ft		3.3-6.6 Ft		6.6-9.9 Ft		6.6-9.9 Ft	
		Field Sample ID	OL-0167-05		OL-0167-06		OL-0167-07		OL-0167-08		OL-0167-09		OL-0167-10	
		Matrix	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
		Sample Purpose	Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample		Field Duplicate	
		Sample Date	8/23/2006		8/23/2006		8/23/2006		8/23/2006		8/23/2006		8/23/2006	
		Sample Delivery Group	213563|6H240149 C6H240182		213563|6H240149 C6H240182		213563|6H240149 C6H240182		213563|6H240149 C6H240182		213563|6H240149 C6H240182		213563|6H240149 C6H240182	
Parameter Name	Units	Analytical Method												
SOLIDS, PERCENT	%	ASTM D2216	38.5		43.8		43.8		35.2		36.1		36.1	
SOLIDS, PERCENT	%	E160.3	38.4		43		48.7		36.3		34.2		26.7	
NITROGEN, AMMONIA (AS N)	mg/kg	E350.1	360	J	310	J	110	J	320	J	400	J	350	J
TOTAL ORGANIC CARBON	mg/kg	Lloyd Kahn	54300	J	39300	J	41100	J	41200	J	22200	J	32500	J
MERCURY	mg/kg	SW7471	15.8	J	5.9	J	26.1	J	22.9	J	47.1	J	109	J
AROCLOR-1016	ug/kg	SW8082	43	UJ	38	UJ	34	UJ	46	UJ	48	UJ	62	UJ
AROCLOR-1221	ug/kg	SW8082	43	UJ	38	UJ	34	UJ	46	UJ	48	UJ	62	UJ
AROCLOR-1232	ug/kg	SW8082	43	UJ	38	UJ	34	UJ	46	UJ	48	UJ	62	UJ
AROCLOR-1242	ug/kg	SW8082	43	UJ	38	UJ	34	UJ	46	UJ	48	UJ	62	UJ
AROCLOR-1248	ug/kg	SW8082	43	UJ	38	UJ	34	UJ	46	UJ	48	UJ	62	UJ
AROCLOR-1254	ug/kg	SW8082	100	J	220	J	34	UJ	38	J	66	J	92	J
AROCLOR-1260	ug/kg	SW8082	43	UJ	38	UJ	47	J	46	UJ	48	UJ	62	UJ
AROCLOR-1268	ug/kg	SW8082	43	UJ	38	UJ	34	UJ	46	UJ	48	UJ	62	UJ
PCBS, N.O.S.	ug/kg	SW8082	100	J	220	J	47	J	38	J	66	J	92	J
1,2,3-TRICHLOROBENZENE	ug/kg	SW8260	6500	UJ	2900	UJ	26000	UJ	6900	UJ	29000	UJ	14000	UJ
1,2,4-TRICHLOROBENZENE	ug/kg	SW8260	6500	UJ	2900	UJ	26000	UJ	6900	UJ	29000	UJ	14000	UJ
1,2-DICHLOROBENZENE	ug/kg	SW8260	21000	J	4000	J	25000	J	5000	J	38000	J	26000	J
1,3,5-TRICHLOROBENZENE	ug/kg	SW8260	6500	UJ	2900	UJ	26000	UJ	6900	UJ	29000	UJ	14000	UJ
1,3-DICHLOROBENZENE	ug/kg	SW8260	6500	UJ	2900	UJ	26000	UJ	6900	UJ	29000	UJ	14000	UJ
1,4-DICHLOROBENZENE	ug/kg	SW8260	13000	J	8500	J	52000	J	7900	J	51000	J	24000	J
BENZENE	ug/kg	SW8260	5300	J	4800	J	32000	J	1200	J	4200	J	4400	J
CHLOROBENZENE	ug/kg	SW8260	7400	J	19000	J	130000	J	7800	J	7600	J	7700	J
ETHYLBENZENE	ug/kg	SW8260	9700	J	3600	J	23000	J	1700	J	9700	J	9400	J
NAPHTHALENE	ug/kg	SW8260	76000	J	43000	J	330000	J	150000	J	440000	J	250000	J
TOLUENE	ug/kg	SW8260	7500	J	21000	J	150000	J	1200	J	3800	J	3300	J
XYLENES, TOTAL	ug/kg	SW8260	84000	J	46000	J	340000	J	22000	J	100000	J	100000	J
ACENAPHTHENE	ug/kg	SW8270	120	J	310	J	230	J	130	J	64	J	53	J
ACENAPHTHYLENE	ug/kg	SW8270	880	J	2000	J	920	J	1500	J	590	J	430	J
ANTHRACENE	ug/kg	SW8270	1400	J	2700	J	1300	J	1100	J	1300	J	860	J
BENZO(A)ANTHRACENE	ug/kg	SW8270	520	J	1200	J	530	J	260	J	220	J	180	J
BENZO(A)PYRENE	ug/kg	SW8270	250	J	860	J	260	J	97	J	68	J	70	J
BENZO(B)FLUORANTHENE	ug/kg	SW8270	330	J	910	J	370	J	160	J	130	J	110	J
BENZO(G,H,I)PERYLENE	ug/kg	SW8270	130	J	420	J	140	J	61	J	40	J	38	J
BENZO(K)FLUORANTHENE	ug/kg	SW8270	150	J	340	J	130	J	74	J	58	J	56	J
CHRYSENE	ug/kg	SW8270	730	J	1600	J	760	J	420	J	410	J	300	J
DIBENZO(A,H)ANTHRACENE	ug/kg	SW8270	42	J	120	J	48	J	33	J	26	J	120	UJ
FLUORANTHENE	ug/kg	SW8270	1800	J	4100	J	2200	J	1100	J	1100	J	840	J
FLUORENE	ug/kg	SW8270	87	UJ	150	UJ	68	UJ	92	UJ	98	UJ	120	UJ
INDENO(1,2,3-CD)PYRENE	ug/kg	SW8270	130	J	400	J	140	J	66	J	46	J	43	J
PHENANTHRENE	ug/kg	SW8270	2300	J	6000	J	3000	J	2200	J	1900	J	1600	J
PHENOL	ug/kg	SW8270	1800	J	1900	J	1400	J	2300	J	2200	J	2300	J
PYRENE	ug/kg	SW8270	830	J	2900	J	1100	J	480	J	440	J	380	J
SULFIDE	mg/kg	SW9030	391	UJ	349	UJ	308	UJ	414	UJ	439	UJ	561	UJ
pH	S.U.	SW9045	12		11.9		11.9		12		12.1		12.1	

Table 3A
Onondaga Lake Phase II Pre-Design Investigation
Summary of Sediment Analytical Results

		Location	OL-VC-10097A		OL-VC-10097A		OL-VC-10097A		OL-VC-10098		OL-VC-10098		OL-VC-10098	
		Sample Depth	9.9-13.2 Ft		13.2-16.5 Ft		16.5-18.5 Ft		0.0-3.3 Ft		3.3-6.6 Ft		6.6-9.9 Ft	
		Field Sample ID	OL-0167-11		OL-0167-12		OL-0167-13		OL-0167-14		OL-0167-15		OL-0167-16	
		Matrix	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
		Sample Purpose	Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample	
		Sample Date	8/23/2006		8/23/2006		8/23/2006		8/23/2006		8/23/2006		8/23/2006	
		Sample Delivery Group	213563|6H240149 C6H240182		213563|6H240149 C6H240182		213563|6H240149 C6H240182		213563|6H240149 C6H240182		213563|6H240149 C6H240182		213563|6H240149 C6H240182	
Parameter Name	Units	Analytical Method												
SOLIDS, PERCENT	%	ASTM D2216	35.2		37.1		45.2		45		45.1		39.5	
SOLIDS, PERCENT	%	E160.3	39.2		36.9		42.1		36.9		48.5		37.2	
NITROGEN, AMMONIA (AS N)	mg/kg	E350.1	360	J	330	J	320	J	140	J	160	J	92	J
TOTAL ORGANIC CARBON	mg/kg	Lloyd Kahn	46900	J	41600	J	21400	J	25700	J	17500	J	39400	J
MERCURY	mg/kg	SW7471	18.3	J	14.6	J	3.8	J	38.5	J	18.2	J	27.4	J
AROCLOR-1016	ug/kg	SW8082	42	UJ	45	UJ	39	UJ	45	UJ	34	UJ	44	UJ
AROCLOR-1221	ug/kg	SW8082	42	UJ	45	UJ	39	UJ	45	UJ	34	UJ	44	UJ
AROCLOR-1232	ug/kg	SW8082	42	UJ	45	UJ	39	UJ	45	UJ	34	UJ	44	UJ
AROCLOR-1242	ug/kg	SW8082	42	UJ	45	UJ	39	UJ	45	UJ	34	UJ	44	UJ
AROCLOR-1248	ug/kg	SW8082	42	UJ	45	UJ	39	UJ	45	UJ	34	UJ	44	UJ
AROCLOR-1254	ug/kg	SW8082	98	J	110	J	190	J	80	J	89	J	48	J
AROCLOR-1260	ug/kg	SW8082	42	UJ	45	UJ	39	UJ	45	UJ	34	UJ	44	UJ
AROCLOR-1268	ug/kg	SW8082	42	UJ	45	UJ	39	UJ	45	UJ	34	UJ	44	UJ
PCBS, N.O.S.	ug/kg	SW8082	98	J	110	J	190	J	80	J	89	J	48	J
1,2,3-TRICHLOROBENZENE	ug/kg	SW8260	9600	UJ	5400	UJ	12000	UJ	10000	UJ	5200	UJ	4100	J
1,2,4-TRICHLOROBENZENE	ug/kg	SW8260	3700	J	5400	UJ	12000	UJ	4600	J	990	J	26000	J
1,2-DICHLOROBENZENE	ug/kg	SW8260	72000	J	14000	J	4900	J	88000	J	10000	J	67000	J
1,3,5-TRICHLOROBENZENE	ug/kg	SW8260	9600	UJ	5400	UJ	12000	UJ	10000	UJ	5200	UJ	6700	UJ
1,3-DICHLOROBENZENE	ug/kg	SW8260	9600	UJ	5400	UJ	12000	UJ	10000	UJ	5200	UJ	6700	UJ
1,4-DICHLOROBENZENE	ug/kg	SW8260	21000	J	12000	J	13000	J	63000	J	12000	J	19000	J
BENZENE	ug/kg	SW8260	6400	J	5600	J	3400	J	2600	J	620	J	1200	J
CHLOROBENZENE	ug/kg	SW8260	10000	J	9700	J	23000	J	20000	J	3700	J	6100	J
ETHYLBENZENE	ug/kg	SW8260	10000	J	3800	J	2700	J	10000	UJ	1500	J	3500	J
NAPHTHALENE	ug/kg	SW8260	240000	J	130000	J	130000	J	220000	J	89000	J	140000	J
TOLUENE	ug/kg	SW8260	3600	J	10000	J	15000	J	1300	J	800	J	3200	J
XYLENES, TOTAL	ug/kg	SW8260	110000	J	37000	J	45000	J	14000	J	15000	J	39000	J
ACENAPHTHENE	ug/kg	SW8270	130	J	110	J	170	J	81	J	130	J	140	J
ACENAPHTHYLENE	ug/kg	SW8270	820	J	870	J	1400	J	620	J	640	J	1500	J
ANTHRACENE	ug/kg	SW8270	1500	J	1100	J	2000	J	770	J	1200	J	1400	J
BENZO(A)ANTHRACENE	ug/kg	SW8270	580	J	460	J	770	J	290	J	610	J	310	J
BENZO(A)PYRENE	ug/kg	SW8270	270	J	280	J	430	J	130	J	290	J	140	J
BENZO(B)FLUORANTHENE	ug/kg	SW8270	390	J	330	J	450	J	170	J	350	J	190	J
BENZO(G,H,I)PERYLENE	ug/kg	SW8270	140	J	120	J	180	J	65	J	150	J	70	J
BENZO(K)FLUORANTHENE	ug/kg	SW8270	140	J	150	J	150	J	74	J	180	J	89	J
CHRYSENE	ug/kg	SW8270	840	J	620	J	970	J	370	J	800	J	480	J
DIBENZO(A,H)ANTHRACENE	ug/kg	SW8270	50	J	38	J	51	J	23	J	58	J	31	J
FLUORANTHENE	ug/kg	SW8270	1900	J	1800	J	2700	J	1200	J	1600	J	1200	J
FLUORENE	ug/kg	SW8270	85	UJ	90	UJ	79	UJ	90	UJ	69	UJ	90	UJ
INDENO(1,2,3-CD)PYRENE	ug/kg	SW8270	150	J	130	J	180	J	69	J	160	J	74	J
PHENANTHRENE	ug/kg	SW8270	2200	J	2100	J	4200	J	1700	J	2200	J	2300	J
PHENOL	ug/kg	SW8270	1600	J	1800	J	1300	J	460	J	1600	J	1700	J
PYRENE	ug/kg	SW8270	930	J	930	J	1600	J	600	J	830	J	590	J
SULFIDE	mg/kg	SW9030	383	UJ	406	UJ	356	UJ	407	UJ	309	UJ	403	UJ
pH	S.U.	SW9045	11.8		12		12		12.1		12		12.1	

Table 3A
Onondaga Lake Phase II Pre-Design Investigation
Summary of Sediment Analytical Results

		Location	OL-VC-10098		OL-VC-10098		OL-VC-10098		OL-VC-10099		OL-VC-10099		OL-VC-10099	
		Sample Depth	9.9-13.2 Ft		13.2-16.5 Ft		16.5-19.8 Ft		0.0-3.3 Ft		3.3-6.6 Ft		6.6-9.9 Ft	
		Field Sample ID	OL-0167-17		OL-0167-18		OL-0167-19		OL-0168-01		OL-0168-02		OL-0168-03	
		Matrix	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
		Sample Purpose	Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample	
		Sample Date	8/23/2006		8/23/2006		8/23/2006		8/23/2006		8/23/2006		8/23/2006	
		Sample Delivery Group	213563|6H240149 C6H240182		213563|6H240149 C6H240182		213563|6H240149 C6H240182		6H240153 C6H240187		6H240153 C6H240187		6H240153 C6H240187	
Parameter Name	Units	Analytical Method												
SOLIDS, PERCENT	%	ASTM D2216	41.8		37.9		37.7		43.6		36.7		36.6	
SOLIDS, PERCENT	%	E160.3	41.1		36.4		39.8		35.9		32		35.2	
NITROGEN, AMMONIA (AS N)	mg/kg	E350.1	61	J	95	J	330	J	320	J	416	J	393	J
TOTAL ORGANIC CARBON	mg/kg	Lloyd Kahn	42700	J	29800	J	24600	J	68200	J	58800	J	50200	J
MERCURY	mg/kg	SW7471	25.7	J	17.8	J	20.6	J	31.2	J	21.6	J	25.2	J
AROCLOR-1016	ug/kg	SW8082	40	UJ	45	UJ	41	UJ	46	UJ	52	UJ	47	UJ
AROCLOR-1221	ug/kg	SW8082	40	UJ	45	UJ	41	UJ	46	UJ	52	UJ	47	UJ
AROCLOR-1232	ug/kg	SW8082	40	UJ	45	UJ	41	UJ	46	UJ	52	UJ	47	UJ
AROCLOR-1242	ug/kg	SW8082	40	UJ	45	UJ	41	UJ	46	UJ	52	UJ	47	UJ
AROCLOR-1248	ug/kg	SW8082	40	UJ	45	UJ	41	UJ	46	UJ	52	UJ	47	UJ
AROCLOR-1254	ug/kg	SW8082	120	J	59	J	100	J	46	UJ	52	UJ	47	UJ
AROCLOR-1260	ug/kg	SW8082	40	UJ	45	UJ	41	UJ	52	J	21	J	47	UJ
AROCLOR-1268	ug/kg	SW8082	40	UJ	45	UJ	41	UJ	46	UJ	52	UJ	47	UJ
PCBS, N.O.S.	ug/kg	SW8082	120	J	59	J	100	J	52	J	21	J	47	UJ
1,2,3-TRICHLOROBENZENE	ug/kg	SW8260	9100	UJ	3400	UJ	6300	UJ	5600	UJ	16000	UJ	11000	UJ
1,2,4-TRICHLOROBENZENE	ug/kg	SW8260	6700	J	1700	J	6300	UJ	3900	J	3000	J	6600	J
1,2-DICHLOROBENZENE	ug/kg	SW8260	34000	J	11000	J	13000	J	27000	J	54000	J	100000	J
1,3,5-TRICHLOROBENZENE	ug/kg	SW8260	9100	UJ	3400	UJ	6300	UJ	5600	UJ	16000	UJ	11000	UJ
1,3-DICHLOROBENZENE	ug/kg	SW8260	9100	UJ	3400	UJ	6300	UJ	5600	UJ	16000	UJ	11000	UJ
1,4-DICHLOROBENZENE	ug/kg	SW8260	38000	J	18000	J	22000	J	35000	J	36000	J	39000	J
BENZENE	ug/kg	SW8260	2700	J	2300	J	3300	J	2900	J	3300	J	2100	J
CHLOROBENZENE	ug/kg	SW8260	22000	J	9800	J	8100	J	24000	J	30000	J	9600	J
ETHYLBENZENE	ug/kg	SW8260	22000	J	7800	J	4300	J	1300	J	3000	J	11000	UJ
NAPHTHALENE	ug/kg	SW8260	200000	J	55000	J	66000	J	130000	J	350000	J	280000	J
TOLUENE	ug/kg	SW8260	5500	J	2100	J	5700	J	2000	J	3900	J	2200	J
XYLENES, TOTAL	ug/kg	SW8260	210000	J	76000	J	42000	J	21000	J	45000	J	23000	J
ACENAPHTHENE	ug/kg	SW8270	220	J	240	J	130	J	67	J	70	J	110	J
ACENAPHTHYLENE	ug/kg	SW8270	890	J	440	J	950	J	510	J	700	J	1800	J
ANTHRACENE	ug/kg	SW8270	1800	J	840	J	1400	J	790	J	510	J	730	J
BENZO(A)ANTHRACENE	ug/kg	SW8270	980	J	190	J	370	J	230	J	150	J	290	J
BENZO(A)PYRENE	ug/kg	SW8270	630	J	73	J	160	J	97	J	63	J	160	J
BENZO(B)FLUORANTHENE	ug/kg	SW8270	840	J	110	J	230	J	150	J	90	J	230	J
BENZO(G,H,I)PERYLENE	ug/kg	SW8270	320	J	38	J	81	J	78	J	46	J	130	J
BENZO(K)FLUORANTHENE	ug/kg	SW8270	290	J	52	J	100	J	73	J	51	J	84	J
CHRYSENE	ug/kg	SW8270	1400	J	320	J	590	J	360	J	230	J	360	J
DIBENZO(A,H)ANTHRACENE	ug/kg	SW8270	110	J	92	UJ	33	J	32	J	25	J	41	J
FLUORANTHENE	ug/kg	SW8270	3300	J	740	J	1300	J	890	J	570	J	970	J
FLUORENE	ug/kg	SW8270	81	UJ	92	UJ	84	UJ	93	UJ	100	UJ	95	UJ
INDENO(1,2,3-CD)PYRENE	ug/kg	SW8270	340	J	40	J	84	J	75	J	43	J	110	J
PHENANTHRENE	ug/kg	SW8270	4000	J	1300	J	1900	J	1600	J	1200	J	1800	J
PHENOL	ug/kg	SW8270	1800	J	1400	J	1400	J	1900	J	5000	J	3100	J
PYRENE	ug/kg	SW8270	1700	J	380	J	670	J	450	J	290	J	500	J
SULFIDE	mg/kg	SW9030	365	UJ	412	UJ	377	UJ	417	UJ	469	UJ	426	UJ
pH	S.U.	SW9045	12		12.1		12		12		12.2		12.1	

Table 3A
Onondaga Lake Phase II Pre-Design Investigation
Summary of Sediment Analytical Results

		Location	OL-VC-10099		OL-VC-10099		OL-VC-10099		OL-VC-10100		OL-VC-10100		OL-VC-10100	
		Sample Depth	9.9-13.2 Ft		13.2-16.5 Ft		16.5-19.8 Ft		0.0-3.3 Ft		3.3-6.6 Ft		6.6-9.9 Ft	
		Field Sample ID	OL-0168-04		OL-0168-05		OL-0168-06		OL-0168-07		OL-0168-08		OL-0168-09	
		Matrix	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
		Sample Purpose	Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample	
		Sample Date	8/23/2006		8/23/2006		8/23/2006		8/23/2006		8/23/2006		8/23/2006	
		Sample Delivery Group	6H240153 C6H240187		6H240153 C6H240187		6H240153 C6H240187		6H240153 C6H240187		6H240153 C6H240187		6H240153 C6H240187	
Parameter Name	Units	Analytical Method												
SOLIDS, PERCENT	%	ASTM D2216	36		34.3		41.5		38.9		31.2		36	
SOLIDS, PERCENT	%	E160.3	29.3		42.5		40.7		40.1		33.6		33.5	
NITROGEN, AMMONIA (AS N)	mg/kg	E350.1	636	J	396	J	458	J	234	J	484	J	394	J
TOTAL ORGANIC CARBON	mg/kg	Lloyd Kahn	47600	J	74800	J	61000	J	57200	J	69900	J	36500	J
MERCURY	mg/kg	SW7471	45.7	J	15.4	J	17.4	J	16.6	J	23.4	J	53.2	J
AROCLOR-1016	ug/kg	SW8082	56	UJ	39	UJ	41	UJ	41	UJ	49	UJ	49	UJ
AROCLOR-1221	ug/kg	SW8082	56	UJ	39	UJ	41	UJ	41	UJ	49	UJ	49	UJ
AROCLOR-1232	ug/kg	SW8082	56	UJ	39	UJ	41	UJ	41	UJ	49	UJ	49	UJ
AROCLOR-1242	ug/kg	SW8082	56	UJ	39	UJ	41	UJ	41	UJ	49	UJ	49	UJ
AROCLOR-1248	ug/kg	SW8082	56	UJ	39	UJ	67	J	41	UJ	49	UJ	49	UJ
AROCLOR-1254	ug/kg	SW8082	56	UJ	39	UJ	41	UJ	41	UJ	15	J	49	UJ
AROCLOR-1260	ug/kg	SW8082	23	J	26	J	58	J	68	J	49	UJ	42	J
AROCLOR-1268	ug/kg	SW8082	56	UJ	39	UJ	41	UJ	41	UJ	49	UJ	49	UJ
PCBS, N.O.S.	ug/kg	SW8082	23	J	26	J	125	J	68	J	15	J	42	J
1,2,3-TRICHLOROBENZENE	ug/kg	SW8260	8500	UJ	4700	UJ	9200	UJ	7800	UJ	37000	UJ	9300	UJ
1,2,4-TRICHLOROBENZENE	ug/kg	SW8260	1600	J	1000	J	9200	UJ	2400	J	13000	J	8800	J
1,2-DICHLOROBENZENE	ug/kg	SW8260	23000	J	25000	J	5400	J	40000	J	210000	J	22000	J
1,3,5-TRICHLOROBENZENE	ug/kg	SW8260	8500	UJ	4700	UJ	9200	UJ	7800	UJ	37000	UJ	9300	UJ
1,3-DICHLOROBENZENE	ug/kg	SW8260	8500	UJ	4700	UJ	9200	UJ	7800	UJ	37000	UJ	9300	UJ
1,4-DICHLOROBENZENE	ug/kg	SW8260	20000	J	10000	J	10000	J	53000	J	110000	J	38000	J
BENZENE	ug/kg	SW8260	5200	J	5400	J	7100	J	5100	J	37000	UJ	1600	J
CHLOROBENZENE	ug/kg	SW8260	5300	J	5000	J	17000	J	79000	J	18000	J	3300	J
ETHYLBENZENE	ug/kg	SW8260	5900	J	1700	J	2700	J	2900	J	37000	UJ	1500	J
NAPHTHALENE	ug/kg	SW8260	250000	J	77000	J	180000	J	160000	J	800000	J	190000	J
TOLUENE	ug/kg	SW8260	2100	J	3600	J	13000	J	2000	J	5800	J	1600	J
XYLENES, TOTAL	ug/kg	SW8260	66000	J	21000	J	34000	J	39000	J	58000	J	23000	J
ACENAPHTHENE	ug/kg	SW8270	92	J	98	J	210	J	83	J	130	J	77	J
ACENAPHTHYLENE	ug/kg	SW8270	590	J	750	J	1300	J	590	J	2000	J	850	J
ANTHRACENE	ug/kg	SW8270	980	J	840	J	1500	J	750	J	850	J	770	J
BENZO(A)ANTHRACENE	ug/kg	SW8270	250	J	340	J	590	J	260	J	390	J	140	J
BENZO(A)PYRENE	ug/kg	SW8270	98	J	170	J	370	J	120	J	200	J	43	J
BENZO(B)FLUORANTHENE	ug/kg	SW8270	150	J	240	J	440	J	190	J	290	J	77	J
BENZO(G,H,I)PERYLENE	ug/kg	SW8270	82	J	140	J	240	J	94	J	170	J	36	J
BENZO(K)FLUORANTHENE	ug/kg	SW8270	84	J	130	J	210	J	76	J	130	J	47	J
CHRYSENE	ug/kg	SW8270	390	J	490	J	780	J	370	J	530	J	250	J
DIBENZO(A,H)ANTHRACENE	ug/kg	SW8270	33	J	53	J	73	J	34	J	57	J	24	J
FLUORANTHENE	ug/kg	SW8270	1000	J	1100	J	2000	J	1000	J	1300	J	560	J
FLUORENE	ug/kg	SW8270	110	UJ	160	UJ	160	UJ	83	UJ	99	UJ	100	UJ
INDENO(1,2,3-CD)PYRENE	ug/kg	SW8270	70	J	120	J	210	J	87	J	150	J	35	J
PHENANTHRENE	ug/kg	SW8270	1800	J	1700	J	3300	J	1600	J	2400	J	1400	J
PHENOL	ug/kg	SW8270	3000	J	2200	J	2000	J	1200	J	3300	J	3400	J
PYRENE	ug/kg	SW8270	520	J	620	J	1300	J	580	J	730	J	270	J
SULFIDE	mg/kg	SW9030	511	UJ	353	UJ	368	UJ	374	UJ	446	UJ	448	UJ
pH	S.U.	SW9045	12.1		12.1		11.8		12		12.2		12.2	

Table 3A
Onondaga Lake Phase II Pre-Design Investigation
Summary of Sediment Analytical Results

		Location	OL-VC-10100		OL-VC-10100		OL-VC-10100		OL-VC-10101		OL-VC-10101		OL-VC-10101	
		Sample Depth	9.9-13.2 Ft		13.2-16.5 Ft		16.5-19.1 Ft		0.0-3.3 Ft		3.3-6.6 Ft		6.6-9.9 Ft	
		Field Sample ID	OL-0168-10		OL-0168-11		OL-0168-12		OL-0161-14		OL-0161-15		OL-0161-16	
		Matrix	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
		Sample Purpose	Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample	
		Sample Date	8/23/2006		8/23/2006		8/23/2006		8/21/2006		8/21/2006		8/21/2006	
		Sample Delivery Group	6H240153 C6H240187		6H240153 C6H240187		6H240153 C6H240187		68019559|6H2202 44 C6H220232		68019559|6H2202 44 C6H220232		68019559|6H2202 44 C6H220232	
Parameter Name	Units	Analytical Method												
SOLIDS, PERCENT	%	ASTM D2216	34		41.2		44.2		34.3		39.1		32.8	
SOLIDS, PERCENT	%	E160.3	34.7		38.6		38.9		33.3		38		35.1	
NITROGEN, AMMONIA (AS N)	mg/kg	E350.1	333	J	439	J	414	J	1110	J	1450	J	490	J
TOTAL ORGANIC CARBON	mg/kg	Lloyd Kahn	55900	J	37200	J	55900	J	71700	J	83100	J	50200	J
MERCURY	mg/kg	SW7471	33	J	16.4	J	8.4	J	6.7	J	35.9	J	14.1	J
AROCLOR-1016	ug/kg	SW8082	48	UJ	43	UJ	42	UJ	500	UJ	430	UJ	47	UJ
AROCLOR-1221	ug/kg	SW8082	48	UJ	43	UJ	42	UJ	500	UJ	430	UJ	47	UJ
AROCLOR-1232	ug/kg	SW8082	48	UJ	43	UJ	42	UJ	500	UJ	430	UJ	47	UJ
AROCLOR-1242	ug/kg	SW8082	48	UJ	43	UJ	42	UJ	500	UJ	430	UJ	47	UJ
AROCLOR-1248	ug/kg	SW8082	48	UJ	43	UJ	42	UJ	1100	J	1200	J	47	UJ
AROCLOR-1254	ug/kg	SW8082	48	UJ	43	UJ	42	UJ	1200	J	1300	J	47	UJ
AROCLOR-1260	ug/kg	SW8082	48	UJ	37	J	24	J	500	UJ	430	UJ	47	UJ
AROCLOR-1268	ug/kg	SW8082	48	UJ	43	UJ	42	UJ	500	UJ	430	UJ	47	UJ
PCBS, N.O.S.	ug/kg	SW8082	48	UJ	37	J	24	J	2300	J	2500	J	47	UJ
1,2,3-TRICHLOROBENZENE	ug/kg	SW8260	5800	UJ	8100	UJ	8000	UJ	75	UJ	6600	UJ	7100	UJ
1,2,4-TRICHLOROBENZENE	ug/kg	SW8260	5800	UJ	1700	J	8000	UJ	26	J	6100	J	7100	UJ
1,2-DICHLOROBENZENE	ug/kg	SW8260	9300	J	46000	J	12000	J	150	J	40000	J	22000	J
1,3,5-TRICHLOROBENZENE	ug/kg	SW8260	5800	UJ	8100	UJ	8000	UJ	71	J	6600	UJ	7100	UJ
1,3-DICHLOROBENZENE	ug/kg	SW8260	5800	UJ	8100	UJ	8000	UJ	140	J	2900	J	7100	UJ
1,4-DICHLOROBENZENE	ug/kg	SW8260	3100	J	27000	J	18000	J	340	J	44000	J	41000	J
BENZENE	ug/kg	SW8260	2800	J	5200	J	5600	J	280	J	2300	J	2500	J
CHLOROBENZENE	ug/kg	SW8260	2300	J	13000	J	26000	J	960	J	25000	J	20000	J
ETHYLBENZENE	ug/kg	SW8260	3100	J	8000	J	3000	J	23	J	2200	J	1300	J
NAPHTHALENE	ug/kg	SW8260	110000	J	150000	J	200000	J	260	J	120000	J	130000	J
TOLUENE	ug/kg	SW8260	1000	J	4400	J	8600	J	87	J	5900	J	6300	J
XYLENES, TOTAL	ug/kg	SW8260	36000	J	79000	J	40000	J	390	J	32000	J	33000	J
ACENAPHTHENE	ug/kg	SW8270	43	J	51	J	120	J	360	J	2500	J	99	J
ACENAPHTHYLENE	ug/kg	SW8270	240	J	520	J	990	J	650	J	4000	J	520	J
ANTHRACENE	ug/kg	SW8270	360	J	640	J	940	J	1300	J	8400	J	1000	J
BENZO(A)ANTHRACENE	ug/kg	SW8270	180	J	180	J	340	J	2300	J	7000	J	580	J
BENZO(A)PYRENE	ug/kg	SW8270	110	J	81	J	170	J	2200	J	5200	J	270	J
BENZO(B)FLUORANTHENE	ug/kg	SW8270	140	J	130	J	210	J	2800	J	5900	J	310	J
BENZO(G,H,I)PERYLENE	ug/kg	SW8270	78	J	57	J	110	J	2000	J	3900	J	170	J
BENZO(K)FLUORANTHENE	ug/kg	SW8270	68	J	45	J	110	J	1000	J	2400	J	130	J
CHRYSENE	ug/kg	SW8270	250	J	260	J	540	J	2800	J	7700	J	620	J
DIBENZO(A,H)ANTHRACENE	ug/kg	SW8270	30	J	21	J	34	J	460	J	1100	J	48	J
FLUORANTHENE	ug/kg	SW8270	660	J	610	J	1200	J	5400	J	18000	J	1500	J
FLUORENE	ug/kg	SW8270	96	UJ	86	UJ	86	UJ	720	J	880	UJ	95	UJ
INDENO(1,2,3-CD)PYRENE	ug/kg	SW8270	68	J	52	J	96	J	1700	J	3400	J	160	J
PHENANTHRENE	ug/kg	SW8270	780	J	1100	J	2000	J	3300	J	19000	J	2200	J
PHENOL	ug/kg	SW8270	1400	J	3500	J	2900	J	500	UJ	5900	J	2800	J
PYRENE	ug/kg	SW8270	410	J	360	J	690	J	4400	J	14000	J	940	J
SULFIDE	mg/kg	SW9030	432	UJ	389	UJ	386	UJ	2300	J	780	J	90	UJ
pH	S.U.	SW9045	12.1		12.2		12.2		8.4		9.7		11.9	

Table 3A
Onondaga Lake Phase II Pre-Design Investigation
Summary of Sediment Analytical Results

		Location	OL-VC-10101		OL-VC-10101		OL-VC-10101		OL-VC-10102		OL-VC-10102		OL-VC-10102	
		Sample Depth	9.9-13.2 Ft		13.2-16.5 Ft		16.5-19.8 Ft		0.0-3.3 Ft		3.3-6.6 Ft		6.6-9.9 Ft	
		Field Sample ID	OL-0161-17		OL-0161-18		OL-0161-19		OL-0161-20		OL-0162-01		OL-0162-02	
		Matrix	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
		Sample Purpose	Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample	
		Sample Date	8/21/2006		8/21/2006		8/21/2006		8/21/2006		8/21/2006		8/21/2006	
		Sample Delivery Group	68019559|6H2202 44 C6H220232		68019559|6H2202 44 C6H220232		68019559|6H2202 44 C6H220232		68019559|6H2202 44 C6H220232		68019559|6H2202 44 C6H220232		68019559|6H2202 44 C6H220232	
Parameter Name	Units	Analytical Method												
SOLIDS, PERCENT	%	ASTM D2216	34.6		36.4		41.2		38.6		41.2		36.4	
SOLIDS, PERCENT	%	E160.3	35.3		34.2		39.8		39.9		40.8		38.1	
NITROGEN, AMMONIA (AS N)	mg/kg	E350.1	721	J	970	J	1240	J	329	J	223	J	372	J
TOTAL ORGANIC CARBON	mg/kg	Lloyd Kahn	42500	J	43600	J	44300	J	50000	J	51100	J	37200	J
MERCURY	mg/kg	SW7471	12.2	J	12.3	J	2	J	19.5	J	29.4	J	36.5	J
AROCLOR-1016	ug/kg	SW8082		R	48	UJ	410	UJ	41	UJ	400	UJ	430	UJ
AROCLOR-1221	ug/kg	SW8082		R	48	UJ	410	UJ	41	UJ	400	UJ	430	UJ
AROCLOR-1232	ug/kg	SW8082		R	48	UJ	410	UJ	41	UJ	400	UJ	430	UJ
AROCLOR-1242	ug/kg	SW8082		R	48	UJ	410	UJ	41	UJ	400	UJ	430	UJ
AROCLOR-1248	ug/kg	SW8082		R	91	J	190	J	83	J	400	UJ	430	UJ
AROCLOR-1254	ug/kg	SW8082		R	48	UJ	270	J	41	UJ	200	J	430	UJ
AROCLOR-1260	ug/kg	SW8082	33	J	73	J	410	UJ	41	UJ	400	UJ	430	UJ
AROCLOR-1268	ug/kg	SW8082		R	48	UJ	410	UJ	41	UJ	400	UJ	430	UJ
PCBS, N.O.S.	ug/kg	SW8082	33	J	164	J	460	J	83	J	200	J	430	UJ
1,2,3-TRICHLOROBENZENE	ug/kg	SW8260	14000	UJ	15000	UJ	3100	UJ	6300	UJ	5200	J	13000	UJ
1,2,4-TRICHLOROBENZENE	ug/kg	SW8260	14000	UJ	15000	UJ	3100	UJ	3000	J	9800	J	13000	UJ
1,2-DICHLOROBENZENE	ug/kg	SW8260	4700	J	14000	J	2700	J	91000	J	130000	J	12000	J
1,3,5-TRICHLOROBENZENE	ug/kg	SW8260	14000	UJ	15000	UJ	3100	UJ	6300	UJ	12000	UJ	13000	UJ
1,3-DICHLOROBENZENE	ug/kg	SW8260	14000	UJ	15000	UJ	3100	UJ	130000	J	12000	UJ	13000	UJ
1,4-DICHLOROBENZENE	ug/kg	SW8260	13000	J	22000	J	3000	J	130000	J	240000	J	18000	J
BENZENE	ug/kg	SW8260	3400	J	2400	J	720	J	2000	J	2200	J	1900	J
CHLOROBENZENE	ug/kg	SW8260	110000	J	70000	J	7000	J	61000	J	66000	J	14000	J
ETHYLBENZENE	ug/kg	SW8260	7400	J	6100	J	1900	J	2200	J	2700	J	3200	J
NAPHTHALENE	ug/kg	SW8260	220000	J	280000	J	62000	J	120000	J	210000	J	280000	J
TOLUENE	ug/kg	SW8260	8400	J	5000	J	1800	J	4400	J	12000	J	9200	J
XYLENES, TOTAL	ug/kg	SW8260	93000	J	63000	J	21000	J	32000	J	54000	J	74000	J
ACENAPHTHENE	ug/kg	SW8270	67	J	210	J	310	J	67	J	110	J	120	J
ACENAPHTHYLENE	ug/kg	SW8270	470	J	1900	J	1300	J	370	J	1300	J	1400	J
ANTHRACENE	ug/kg	SW8270	780	J	1500	J	1700	J	670	J	1200	J	1200	J
BENZO(A)ANTHRACENE	ug/kg	SW8270	310	J	630	J	1100	J	270	J	350	J	380	J
BENZO(A)PYRENE	ug/kg	SW8270	150	J	370	J	690	J	89	J	190	J	160	J
BENZO(B)FLUORANTHENE	ug/kg	SW8270	230	J	460	J	930	J	140	J	280	J	260	J
BENZO(G,H,I)PERYLENE	ug/kg	SW8270	120	J	300	J	550	J	64	J	130	J	120	J
BENZO(K)FLUORANTHENE	ug/kg	SW8270	81	J	160	J	300	J	48	J	120	J	120	J
CHRYSENE	ug/kg	SW8270	390	J	810	J	1400	J	320	J	530	J	570	J
DIBENZO(A,H)ANTHRACENE	ug/kg	SW8270	44	J	76	J	160	J	21	J	52	J	53	J
FLUORANTHENE	ug/kg	SW8270	870	J	1900	J	3100	J	740	J	1400	J	1300	J
FLUORENE	ug/kg	SW8270	95	UJ	97	UJ	170	UJ	84	UJ	160	UJ	180	UJ
INDENO(1,2,3-CD)PYRENE	ug/kg	SW8270	110	J	250	J	500	J	59	J	120	J	110	J
PHENANTHRENE	ug/kg	SW8270	1400	J	2800	J	4400	J	1400	J	2300	J	2600	J
PHENOL	ug/kg	SW8270	2600	J	4300	J	1100	J	750	J	940	J	1300	J
PYRENE	ug/kg	SW8270	480	J	1200	J	2100	J	400	J	880	J	720	J
SULFIDE	mg/kg	SW9030	77	UJ	91	UJ	68	UJ	76	UJ	63	UJ	69	UJ
pH	S.U.	SW9045	11.9		11.5		8.9		11.9		12.2		12.2	

Table 3A
Onondaga Lake Phase II Pre-Design Investigation
Summary of Sediment Analytical Results

		Location	OL-VC-10102		OL-VC-10102		OL-VC-10102		OL-VC-10103		OL-VC-10103		OL-VC-10103	
		Sample Depth	9.9-13.2 Ft		13.2-16.5 Ft		16.5-17.2 Ft		0.0-3.3 Ft		3.3-6.6 Ft		6.6-9.9 Ft	
		Field Sample ID	OL-0162-03		OL-0162-04		OL-0162-05		OL-0169-01		OL-0169-02		OL-0169-03	
		Matrix	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
		Sample Purpose	Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample	
		Sample Date	8/21/2006		8/21/2006		8/21/2006		8/23/2006		8/23/2006		8/23/2006	
		Sample Delivery Group	68019559|6H2202 44 C6H220232		68019559|6H2202 44 C6H220232		68019559|6H2202 44 C6H220232		6H240154 C6H240192		6H240154 C6H240192		6H240154 C6H240192	
Parameter Name	Units	Analytical Method												
SOLIDS, PERCENT	%	ASTM D2216	38		36.3		40.2		36.9		36.5		38.6	
SOLIDS, PERCENT	%	E160.3	40.1		36.1		38		36.6		36.8		42.9	
NITROGEN, AMMONIA (AS N)	mg/kg	E350.1	288	J	521	J	470	J	303	J	401	J	294	J
TOTAL ORGANIC CARBON	mg/kg	Lloyd Kahn	55900	J	43100	J	36900	J	31300	J	39000	J	67000	J
MERCURY	mg/kg	SW7471	17.1	J	11.6	J	16.1	J	20.1	J	18.4	J	19	J
AROCLOR-1016	ug/kg	SW8082	410	UJ	460	UJ	430	UJ	45	UJ	45	UJ	38	UJ
AROCLOR-1221	ug/kg	SW8082	410	UJ	460	UJ	430	UJ	45	UJ	45	UJ	38	UJ
AROCLOR-1232	ug/kg	SW8082	410	UJ	460	UJ	430	UJ	45	UJ	45	UJ	38	UJ
AROCLOR-1242	ug/kg	SW8082	410	UJ	460	UJ	430	UJ	45	UJ	45	UJ	110	J
AROCLOR-1248	ug/kg	SW8082	410	UJ	220	J	430	UJ	45	UJ	45	UJ	38	UJ
AROCLOR-1254	ug/kg	SW8082	400	J	190	J	430	UJ	45	UJ	45	UJ	38	UJ
AROCLOR-1260	ug/kg	SW8082	410	UJ	460	UJ	430	UJ	45	UJ	45	UJ	81	J
AROCLOR-1268	ug/kg	SW8082	410	UJ	460	UJ	430	UJ	45	UJ	45	UJ	38	UJ
PCBS, N.O.S.	ug/kg	SW8082	400	J	410	J	430	UJ	45	UJ	45	UJ	191	J
1,2,3-TRICHLOROBENZENE	ug/kg	SW8260	6200	UJ	6900	UJ	13000	UJ	8000	J	20000	UJ	580	UJ
1,2,4-TRICHLOROBENZENE	ug/kg	SW8260	4400	J	6900	UJ	13000	UJ	41000	J	7700	J	220	J
1,2-DICHLOROBENZENE	ug/kg	SW8260	83000	J	32000	J	43000	J	85000	J	220000	J	4000	J
1,3,5-TRICHLOROBENZENE	ug/kg	SW8260	6200	UJ	6900	UJ	13000	UJ	5500	UJ	20000	UJ	580	UJ
1,3-DICHLOROBENZENE	ug/kg	SW8260	6200	UJ	6900	UJ	13000	UJ	5500	UJ	20000	UJ	580	UJ
1,4-DICHLOROBENZENE	ug/kg	SW8260	59000	J	17000	J	24000	J	130000	J	700000	J	12000	J
BENZENE	ug/kg	SW8260	1600	J	1700	J	1500	J	5000	J	11000	J	520	J
CHLOROBENZENE	ug/kg	SW8260	12000	J	7600	J	6900	J	120000	J	360000	J	5300	J
ETHYLBENZENE	ug/kg	SW8260	2500	J	1400	J	13000	UJ	900	J	4000	J	170	J
NAPHTHALENE	ug/kg	SW8260	120000	J	110000	J	150000	J	130000	J	360000	J	19000	J
TOLUENE	ug/kg	SW8260	1400	J	890	J	13000	UJ	3200	J	9700	J	900	J
XYLENES, TOTAL	ug/kg	SW8260	37000	J	18000	J	19000	J	23000	J	100000	J	4800	J
ACENAPHTHENE	ug/kg	SW8270	150	J	92	J	200	J	110	J	95	J	77	J
ACENAPHTHYLENE	ug/kg	SW8270	800	J	870	J	1600	J	530	J	650	J	590	J
ANTHRACENE	ug/kg	SW8270	2800	J	920	J	1600	J	1100	J	1200	J	680	J
BENZO(A)ANTHRACENE	ug/kg	SW8270	640	J	330	J	890	J	550	J	430	J	260	J
BENZO(A)PYRENE	ug/kg	SW8270	210	J	170	J	560	J	400	J	210	J	150	J
BENZO(B)FLUORANTHENE	ug/kg	SW8270	430	J	250	J	700	J	500	J	310	J	190	J
BENZO(G,H,I)PERYLENE	ug/kg	SW8270	150	J	110	J	330	J	240	J	130	J	86	J
BENZO(K)FLUORANTHENE	ug/kg	SW8270	190	J	110	J	290	J	200	J	130	J	83	J
CHRYSENE	ug/kg	SW8270	1200	J	500	J	1200	J	810	J	680	J	400	J
DIBENZO(A,H)ANTHRACENE	ug/kg	SW8270	67	J	40	J	89	J	68	J	50	J	36	J
FLUORANTHENE	ug/kg	SW8270	1800	J	1100	J	2600	J	1700	J	1400	J	800	J
FLUORENE	ug/kg	SW8270	170	UJ	92	UJ	180	UJ	91	UJ	91	UJ	78	UJ
INDENO(1,2,3-CD)PYRENE	ug/kg	SW8270	140	J	100	J	290	J	220	J	130	J	75	J
PHENANTHRENE	ug/kg	SW8270	4200	J	2100	J	4300	J	2300	J	2500	J	1500	J
PHENOL	ug/kg	SW8270	990	J	1100	J	2200	J	5800	J	6000	J	9000	J
PYRENE	ug/kg	SW8270	980	J	730	J	1800	J	1200	J	920	J	690	J
SULFIDE	mg/kg	SW9030	65	UJ	70	UJ	71	UJ	410	UJ	408	UJ	349	UJ
pH	S.U.	SW9045	12.2		12.3		12.3		12.1		12.2		12.2	

Table 3A
Onondaga Lake Phase II Pre-Design Investigation
Summary of Sediment Analytical Results

		Location	OL-VC-10103		OL-VC-10103		OL-VC-10103		OL-VC-10103A		OL-VC-10103A		OL-VC-10103A	
		Sample Depth	9.9-13.2 Ft		13.2-16.5 Ft		16.5-18.0 Ft		0.0-3.3 Ft		3.3-6.6 Ft		6.6-9.9 Ft	
		Field Sample ID	OL-0169-04		OL-0169-05		OL-0169-06		OL-0169-07		OL-0169-08		OL-0169-09	
		Matrix	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
		Sample Purpose	Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample	
		Sample Date	8/23/2006		8/23/2006		8/23/2006		8/23/2006		8/23/2006		8/23/2006	
		Sample Delivery Group	6H240154 C6H240192		6H240154 C6H240192		6H240154 C6H240192		6H240154 C6H240192		6H240154 C6H240192		6H240154 C6H240192	
Parameter Name	Units	Analytical Method												
SOLIDS, PERCENT	%	ASTM D2216	34.3		32.8		35.8		43		40.3		37.4	
SOLIDS, PERCENT	%	E160.3	37.3		35.9		36.7		48		39.1		35.2	
NITROGEN, AMMONIA (AS N)	mg/kg	E350.1	457	J	470	J	554	J	146	J	405	J	423	J
TOTAL ORGANIC CARBON	mg/kg	Lloyd Kahn	38400	J	32400	J	43000	J	45500	J	52600	J	52000	J
MERCURY	mg/kg	SW7471	30.6	J	19.2	J	3.1	J	17.4	J	19	J	30.1	J
AROCLOR-1016	ug/kg	SW8082	44	UJ	46	UJ	45	UJ	34	UJ	42	UJ	47	UJ
AROCLOR-1221	ug/kg	SW8082	44	UJ	46	UJ	45	UJ	34	UJ	42	UJ	47	UJ
AROCLOR-1232	ug/kg	SW8082	44	UJ	46	UJ	45	UJ	34	UJ	42	UJ	47	UJ
AROCLOR-1242	ug/kg	SW8082	44	UJ	46	UJ	45	UJ	34	UJ	42	UJ	47	UJ
AROCLOR-1248	ug/kg	SW8082	44	UJ	46	UJ	45	UJ	34	UJ	42	UJ	47	UJ
AROCLOR-1254	ug/kg	SW8082	140	J	89	J	75	J	34	UJ	42	UJ	83	J
AROCLOR-1260	ug/kg	SW8082	44	UJ	60	J	55	J	34	UJ	42	UJ	47	UJ
AROCLOR-1268	ug/kg	SW8082	44	UJ	46	UJ	45	UJ	34	UJ	42	UJ	47	UJ
PCBS, N.O.S.	ug/kg	SW8082	140	J	149	J	130	J	34	UJ	42	UJ	83	J
1,2,3-TRICHLOROBENZENE	ug/kg	SW8260	20000	UJ	7000	UJ	17000	UJ	7100	J	9600	UJ		R
1,2,4-TRICHLOROBENZENE	ug/kg	SW8260	20000	UJ	7000	UJ	17000	UJ	34000	J	9600	UJ	450	J
1,2-DICHLOROBENZENE	ug/kg	SW8260	30000	J	6500	J	17000	J	170000	J	77000	J	22000	J
1,3,5-TRICHLOROBENZENE	ug/kg	SW8260	20000	UJ	7000	UJ	17000	UJ	16000	UJ	9600	UJ		R
1,3-DICHLOROBENZENE	ug/kg	SW8260	20000	UJ	7000	UJ	17000	UJ	16000	UJ	9600	UJ		R
1,4-DICHLOROBENZENE	ug/kg	SW8260	54000	J	5900	J	27000	J	230000	J	190000	J	34000	J
BENZENE	ug/kg	SW8260	20000	UJ	1200	J	2300	J	8700	J	5000	J	1300	J
CHLOROBENZENE	ug/kg	SW8260	17000	J	5000	J	20000	J	270000	J	170000	J	12000	J
ETHYLBENZENE	ug/kg	SW8260	20000	UJ	1200	J	4100	J	16000	UJ	2300	J	280	J
NAPHTHALENE	ug/kg	SW8260	430000	J	130000	J	390000	J	290000	J	180000	J	34000	J
TOLUENE	ug/kg	SW8260	20000	UJ	1000	J	4400	J	6000	J	5000	J	870	J
XYLENES, TOTAL	ug/kg	SW8260	40000	J	16000	J	59000	J	43000	J	61000	J	7100	J
ACENAPHTHENE	ug/kg	SW8270	160	J	230	J	400	J	150	J	130	J	92	J
ACENAPHTHYLENE	ug/kg	SW8270	2000	J	1600	J	2300	J	710	J	1100	J	950	J
ANTHRACENE	ug/kg	SW8270	1100	J	1500	J	4100	J	1600	J	1600	J	990	J
BENZO(A)ANTHRACENE	ug/kg	SW8270	380	J	520	J	980	J	600	J	600	J	280	J
BENZO(A)PYRENE	ug/kg	SW8270	260	J	310	J	500	J	410	J	360	J	170	J
BENZO(B)FLUORANTHENE	ug/kg	SW8270	300	J	380	J	510	J	540	J	480	J	220	J
BENZO(G,H,I)PERYLENE	ug/kg	SW8270	160	J	210	J	220	J	260	J	200	J	100	J
BENZO(K)FLUORANTHENE	ug/kg	SW8270	120	J	180	J	200	J	210	J	210	J	91	J
CHRYSENE	ug/kg	SW8270	550	J	850	J	1300	J	970	J	880	J	420	J
DIBENZO(A,H)ANTHRACENE	ug/kg	SW8270	50	J	69	J	51	J	92	J	69	J	39	J
FLUORANTHENE	ug/kg	SW8270	1300	J	1800	J	3700	J	2100	J	1800	J	1100	J
FLUORENE	ug/kg	SW8270	90	UJ	93	UJ	91	UJ	70	UJ	85	UJ	95	UJ
INDENO(1,2,3-CD)PYRENE	ug/kg	SW8270	140	J	180	J	180	J	230	J	190	J	88	J
PHENANTHRENE	ug/kg	SW8270	2600	J	3600	J	8200	J	3000	J	3500	J	2100	J
PHENOL	ug/kg	SW8270	3200	J	5100	J	640	J	3900	J	8700	J	9200	J
PYRENE	ug/kg	SW8270	860	J	1100	J	2700	J	1300	J	1400	J	680	J
SULFIDE	mg/kg	SW9030	403	UJ	418	UJ	409	UJ	313	UJ	384	UJ	426	UJ
pH	S.U.	SW9045	12.1		12		11.9		12		12.2		12.1	

Table 3A
Onondaga Lake Phase II Pre-Design Investigation
Summary of Sediment Analytical Results

		Location	OL-VC-10103A		OL-VC-10103A		OL-VC-10103A		OL-VC-10104		OL-VC-10104		OL-VC-10104	
		Sample Depth	9.9-13.2 Ft		13.2-16.5 Ft		16.5-18.0 Ft		0.0-3.3 Ft		3.3-6.6 Ft		6.6-9.9 Ft	
		Field Sample ID	OL-0169-10		OL-0169-11		OL-0169-12		OL-0159-01		OL-0159-02		OL-0159-03	
		Matrix	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
		Sample Purpose	Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample	
		Sample Date	8/23/2006		8/23/2006		8/23/2006		8/21/2006		8/21/2006		8/21/2006	
		Sample Delivery Group	6H240154 C6H240192		6H240154 C6H240192		6H240154 C6H240192		213522|6H220166 C6H220162		213522|6H220166 C6H220162		213522|6H220166 C6H220162	
Parameter Name	Units	Analytical Method												
SOLIDS, PERCENT	%	ASTM D2216	30.3		37.2		42.9		39.5		37.5		37.5	
SOLIDS, PERCENT	%	E160.3	35.6		39.1		39.3		37.1		37		38.9	
NITROGEN, AMMONIA (AS N)	mg/kg	E350.1	576	J	480	J	654	J	120	J	260	J	220	J
TOTAL ORGANIC CARBON	mg/kg	Lloyd Kahn	34400	J	66700	J	42400	J	32900	J	32500	J	55700	J
MERCURY	mg/kg	SW7471	22	J	6.1	J	2.2	J	18	J	9.6	J	6.3	J
AROCLOR-1016	ug/kg	SW8082	46	UJ	42	UJ	42	UJ	44	UJ	45	UJ		R
AROCLOR-1221	ug/kg	SW8082	46	UJ	42	UJ	42	UJ	44	UJ	45	UJ		R
AROCLOR-1232	ug/kg	SW8082	46	UJ	42	UJ	42	UJ	44	UJ	45	UJ		R
AROCLOR-1242	ug/kg	SW8082	46	UJ	42	UJ	42	UJ	44	UJ	45	UJ		R
AROCLOR-1248	ug/kg	SW8082	46	UJ	42	UJ	42	UJ	44	UJ	45	UJ		R
AROCLOR-1254	ug/kg	SW8082	57	J	77	J	42	UJ	44	UJ	45	UJ		R
AROCLOR-1260	ug/kg	SW8082	46	UJ	42	UJ	100	J	57	J	44	J	69	J
AROCLOR-1268	ug/kg	SW8082	46	UJ	42	UJ	42	UJ	44	UJ	45	UJ		R
PCBS, N.O.S.	ug/kg	SW8082	57	J	77	J	100	J	57	J	44	J	69	J
1,2,3-TRICHLOROBENZENE	ug/kg	SW8260	7000	UJ	9600	UJ	5100	UJ	3400	UJ	6800	UJ	3200	UJ
1,2,4-TRICHLOROBENZENE	ug/kg	SW8260	7000	UJ	9600	UJ	5100	UJ	3400	UJ	6800	UJ	3200	UJ
1,2-DICHLOROBENZENE	ug/kg	SW8260	8900	J	8800	J	3300	J	5200	J	1500	J	3200	J
1,3,5-TRICHLOROBENZENE	ug/kg	SW8260	7000	UJ	9600	UJ	5100	UJ	3400	UJ	6800	UJ	3200	UJ
1,3-DICHLOROBENZENE	ug/kg	SW8260	7000	UJ	9600	UJ	5100	UJ	3400	UJ	6800	UJ	3200	UJ
1,4-DICHLOROBENZENE	ug/kg	SW8260	7900	J	13000	J	5300	J	9200	J	2900	J	4700	J
BENZENE	ug/kg	SW8260	1600	J	1300	J	5100	UJ	1400	J	1200	J	1200	J
CHLOROBENZENE	ug/kg	SW8260	6500	J	10000	J	2300	J	4000	J	3100	J	3100	J
ETHYLBENZENE	ug/kg	SW8260	1500	J	1800	J	5100	UJ	910	J	1400	J	800	J
NAPHTHALENE	ug/kg	SW8260	160000	J	190000	J	110000	J	79000	J	150000	J	88000	J
TOLUENE	ug/kg	SW8260	1300	J	2100	J	5100	UJ	940	J	960	J	970	J
XYLENES, TOTAL	ug/kg	SW8260	19000	J	27000	J	7600	J	13000	J	22000	J	15000	J
ACENAPHTHENE	ug/kg	SW8270	190	J	200	J	91	J	190	J	110	J	260	J
ACENAPHTHYLENE	ug/kg	SW8270	1500	J	1400	J	560	J	790	J	1300	J	1600	J
ANTHRACENE	ug/kg	SW8270	1000	J	2200	J	1000	J	1300	J	730	J	1100	J
BENZO(A)ANTHRACENE	ug/kg	SW8270	380	J	630	J	200	J	350	J	300	J	500	J
BENZO(A)PYRENE	ug/kg	SW8270	220	J	400	J	120	J	150	J	170	J	280	J
BENZO(B)FLUORANTHENE	ug/kg	SW8270	300	J	430	J	170	J	200	J	170	J	320	J
BENZO(G,H,I)PERYLENE	ug/kg	SW8270	140	J	200	J	82	J	86	J	97	J	190	J
BENZO(K)FLUORANTHENE	ug/kg	SW8270	140	J	190	J	66	J	81	J	71	J	140	J
CHRYSENE	ug/kg	SW8270	610	J	980	J	300	J	460	J	310	J	660	J
DIBENZO(A,H)ANTHRACENE	ug/kg	SW8270	46	J	56	J	31	J	22	J	20	J	45	J
FLUORANTHENE	ug/kg	SW8270	1400	J	2000	J	780	J	1400	J	1200	J	1700	J
FLUORENE	ug/kg	SW8270	94	UJ	85	UJ	85	UJ	90	UJ	90	UJ	86	UJ
INDENO(1,2,3-CD)PYRENE	ug/kg	SW8270	120	J	170	J	68	J	78	J	82	J	160	J
PHENANTHRENE	ug/kg	SW8270	2600	J	4200	J	2300	J	2500	J	1600	J	2100	J
PHENOL	ug/kg	SW8270	2800	J	740	J	110	J	3000	J	2300	J	4200	J
PYRENE	ug/kg	SW8270	950	J	1600	J	640	J	850	J	930	J	1300	J
SULFIDE	mg/kg	SW9030	421	UJ	384	UJ	382	UJ	404	UJ	406	UJ	386	UJ
pH	S.U.	SW9045	12		11.9		9.3		11.9		12		11.9	

Table 3A
Onondaga Lake Phase II Pre-Design Investigation
Summary of Sediment Analytical Results

		Location	OL-VC-10104		OL-VC-10104		OL-VC-10104		OL-VC-10104		OL-VC-10104A		OL-VC-10104A	
		Sample Depth	6.6-9.9 Ft		9.9-13.2 Ft		13.2-16.5 Ft		16.5-19.8 Ft		0.0-3.3 Ft		3.3-6.6 Ft	
		Field Sample ID	OL-0159-04		OL-0159-05		OL-0159-06		OL-0159-07		OL-0158-14		OL-0158-15	
		Matrix	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
		Sample Purpose	Field Duplicate		Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample	
		Sample Date	8/21/2006		8/21/2006		8/21/2006		8/21/2006		8/21/2006		8/21/2006	
		Sample Delivery Group	213522|6H220166 C6H220162		213522|6H220166 C6H220162		213522|6H220166 C6H220162		213522|6H220166 C6H220162		213523|6H220146 C6H220140		213523|6H220146 C6H220140	
Parameter Name	Units	Analytical Method												
SOLIDS, PERCENT	%	ASTM D2216	37.9		37.2		48.9		44.6		34.9		34.1	
SOLIDS, PERCENT	%	E160.3	38.2		37.2		49.3		42.6		36.6		37.3	
NITROGEN, AMMONIA (AS N)	mg/kg	E350.1	190	J	300	J	580		510	J	120	J	240	J
TOTAL ORGANIC CARBON	mg/kg	Lloyd Kahn	48800	J	33300	J	51600	J	67000	J	34300	J	51600	J
MERCURY	mg/kg	SW7471	6.4	J	6.6	J	2.6	J	4.7	J	16.2	J	8.8	J
AROCLOR-1016	ug/kg	SW8082	43	UJ		R	330	UJ	39	UJ	45	UJ	220	UJ
AROCLOR-1221	ug/kg	SW8082	43	UJ		R	330	UJ	39	UJ	45	UJ	220	UJ
AROCLOR-1232	ug/kg	SW8082	43	UJ		R	330	UJ	39	UJ	45	UJ	220	UJ
AROCLOR-1242	ug/kg	SW8082	43	UJ		R	330	UJ	39	UJ	45	UJ	220	UJ
AROCLOR-1248	ug/kg	SW8082	43	UJ		R	330	UJ	39	UJ	45	UJ	220	UJ
AROCLOR-1254	ug/kg	SW8082	43	UJ		R	330	UJ	39	UJ	45	UJ	220	UJ
AROCLOR-1260	ug/kg	SW8082	77	J		R	2100	J	39	UJ	29	J	260	J
AROCLOR-1268	ug/kg	SW8082	43	UJ		R	330	UJ	39	UJ	45	UJ	220	UJ
PCBS, N.O.S.	ug/kg	SW8082	77	J		R	2100	J	39	UJ	29	J	260	J
1,2,3-TRICHLOROBENZENE	ug/kg	SW8260	3300	UJ	6700	UJ	5100	UJ	590	UJ	2700	UJ	6600	UJ
1,2,4-TRICHLOROBENZENE	ug/kg	SW8260	3300	UJ	6700	UJ	5100	UJ	590	UJ	2700	UJ	6600	UJ
1,2-DICHLOROBENZENE	ug/kg	SW8260	2700	J	8500	J	960	J	590	UJ	5400	J	1600	J
1,3,5-TRICHLOROBENZENE	ug/kg	SW8260	3300	UJ	6700	UJ	5100	UJ	590	UJ	2700	UJ	6600	UJ
1,3-DICHLOROBENZENE	ug/kg	SW8260	3300	UJ	6700	UJ	5100	UJ	590	UJ	2700	UJ	6600	UJ
1,4-DICHLOROBENZENE	ug/kg	SW8260	3700	J	8600	J	1300	J	590	UJ	11000	J	2600	J
BENZENE	ug/kg	SW8260	1300	J	6700	UJ	5100	UJ	98	J	1000	J	1400	J
CHLOROBENZENE	ug/kg	SW8260	3100	J	1200	J	5100	UJ	590	UJ	3400	J	2900	J
ETHYLBENZENE	ug/kg	SW8260	880	J	4200	J	1700	J	130	J	620	J	950	J
NAPHTHALENE	ug/kg	SW8260	95000	J	220000	J	130000	J	14000	J	73000	J	120000	J
TOLUENE	ug/kg	SW8260	950	J	1200	J	5100	UJ	590	J	590	J	880	J
XYLENES, TOTAL	ug/kg	SW8260	15000	J	62000	J	8600	J	1400	J	9100	J	15000	J
ACENAPHTHENE	ug/kg	SW8270	210	J	110	J	5400	J	4700	J	130	J	120	J
ACENAPHTHYLENE	ug/kg	SW8270	1600	J	1300	J	2800	J	1900	J	610	J	1100	J
ANTHRACENE	ug/kg	SW8270	1200	J	670	J	6100	J	9300	J	1200	J	830	J
BENZO(A)ANTHRACENE	ug/kg	SW8270	580	J	300	J	5500	J	7100	J	350	J	230	J
BENZO(A)PYRENE	ug/kg	SW8270	330	J	170	J	4200	J	4800	J	170	J	180	J
BENZO(B)FLUORANTHENE	ug/kg	SW8270	380	J	170	J	4800	J	5900	J	240	J	170	J
BENZO(G,H,I)PERYLENE	ug/kg	SW8270	210	J	110	J	2900	J	3100	J	110	J	130	J
BENZO(K)FLUORANTHENE	ug/kg	SW8270	160	J	61	J	1900	J	1900	J	97	J	72	J
CHRYSENE	ug/kg	SW8270	740	J	410	J	5500	J	6900	J	510	J	350	J
DIBENZO(A,H)ANTHRACENE	ug/kg	SW8270	52	J	26	J	780	J	1000	J	32	J	32	J
FLUORANTHENE	ug/kg	SW8270	1700	J	750	J	14000	J	21000	J	1100	J	990	J
FLUORENE	ug/kg	SW8270	87	UJ	90	UJ	5700	J	7400	J	460	J	89	UJ
INDENO(1,2,3-CD)PYRENE	ug/kg	SW8270	190	J	89	J	2600	J	2900	J	99	J	95	J
PHENANTHRENE	ug/kg	SW8270	2000	J	1100	J	17000	J	27000	J	2800	J	2000	J
PHENOL	ug/kg	SW8270	4200	J	2200	J	410	J	8500	J	2100	J	1700	J
PYRENE	ug/kg	SW8270	1300	J	660	J	12000	J	13000	J	810	J	880	J
SULFIDE	mg/kg	SW9030	393	UJ	403	UJ	974	J	939	J	410	UJ	402	UJ
pH	S.U.	SW9045	11.8		11.7		9.4		9.7		11.8		11.8	

Table 3A
Onondaga Lake Phase II Pre-Design Investigation
Summary of Sediment Analytical Results

		Location	OL-VC-10104A		OL-VC-10104A		OL-VC-10104A		OL-VC-10104A		OL-VC-10105		OL-VC-10105	
		Sample Depth	6.6-9.9 Ft		9.9-13.2 Ft		13.2-16.5 Ft		16.5-18.2 Ft		0.0-3.3 Ft		3.3-6.6 Ft	
		Field Sample ID	OL-0158-16		OL-0158-17		OL-0158-18		OL-0158-19		OL-0168-13		OL-0168-14	
		Matrix	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
		Sample Purpose	Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample	
		Sample Date	8/21/2006		8/21/2006		8/21/2006		8/21/2006		8/23/2006		8/23/2006	
		Sample Delivery Group	213523|6H220146 C6H220140		213523|6H220146 C6H220140		213523|6H220146 C6H220140		213523|6H220146 C6H220140		6H240153 C6H240187		6H240153 C6H240187	
Parameter Name	Units	Analytical Method												
SOLIDS, PERCENT	%	ASTM D2216	39.8		39.5		53.4		40.5		29.9		32.9	
SOLIDS, PERCENT	%	E160.3	37		35.4		48.3		38.3		36.6		36	
NITROGEN, AMMONIA (AS N)	mg/kg	E350.1	310	J	380	J	710		400	J	155	J	269	J
TOTAL ORGANIC CARBON	mg/kg	Lloyd Kahn	37000	J	32400	J	53500	J	47200	J	59400	J	45500	J
MERCURY	mg/kg	SW7471	7.3	J	5.9	J	3	J	9.6	J	39.7	J	23.8	J
AROCLOR-1016	ug/kg	SW8082	45	UJ	47	UJ	170	UJ	43	UJ	45	UJ	46	UJ
AROCLOR-1221	ug/kg	SW8082	45	UJ	47	UJ	170	UJ	43	UJ	45	UJ	46	UJ
AROCLOR-1232	ug/kg	SW8082	45	UJ	47	UJ	170	UJ	43	UJ	45	UJ	46	UJ
AROCLOR-1242	ug/kg	SW8082	45	UJ	47	UJ	170	UJ	43	UJ	45	UJ	46	UJ
AROCLOR-1248	ug/kg	SW8082	110	J	330	J	170	UJ	43	UJ	31	J	46	UJ
AROCLOR-1254	ug/kg	SW8082	45	UJ	47	UJ	170	UJ	43	UJ	45	UJ	46	UJ
AROCLOR-1260	ug/kg	SW8082	45	UJ	160	J	170	UJ	43	UJ	20	J	15	J
AROCLOR-1268	ug/kg	SW8082	23	J	47	UJ	170	UJ	43	UJ	45	UJ	46	UJ
PCBS, N.O.S.	ug/kg	SW8082	133	J	490	J	170	UJ	43	UJ	51	J	15	J
1,2,3-TRICHLOROBENZENE	ug/kg	SW8260	3400	UJ	23000	UJ	3500	UJ	650	UJ	3400	UJ	5600	UJ
1,2,4-TRICHLOROBENZENE	ug/kg	SW8260	3400	UJ	23000	UJ	3500	UJ	650	UJ	1200	J	1900	J
1,2-DICHLOROBENZENE	ug/kg	SW8260	3000	J	7800	J	290	J	650	UJ	5700	J	60000	J
1,3,5-TRICHLOROBENZENE	ug/kg	SW8260	3400	UJ	23000	UJ	3500	UJ	650	UJ	3400	UJ	5600	UJ
1,3-DICHLOROBENZENE	ug/kg	SW8260	3400	UJ	23000	UJ	3500	UJ	650	UJ	3400	UJ	5600	UJ
1,4-DICHLOROBENZENE	ug/kg	SW8260	3100	J	8600	J	380	J	28	J	11000	J	100000	J
BENZENE	ug/kg	SW8260	720	J	23000	UJ	310	J	55	J	1400	J	1700	J
CHLOROBENZENE	ug/kg	SW8260	2000	J	720	J	3500	UJ	650	UJ	14000	J	31000	J
ETHYLBENZENE	ug/kg	SW8260	2000	J	3100	J	1200	J	65	J	1100	J	7000	J
NAPHTHALENE	ug/kg	SW8260	93000	J	300000	J	110000	J	7500	J	72000	J	130000	J
TOLUENE	ug/kg	SW8260	1200	J	23000	UJ	340	J	400	J	1200	J	2500	J
XYLENES, TOTAL	ug/kg	SW8260	25000	J	44000	J	5100	J	890	J	15000	J	72000	J
ACENAPHTHENE	ug/kg	SW8270	130	J	960	J	7200	J	490	J	48	J	77	J
ACENAPHTHYLENE	ug/kg	SW8270	880	J	4000	J	1700	J	340	J	330	J	800	J
ANTHRACENE	ug/kg	SW8270	890	J	2200	J	7400	J	1500	J	690	J	350	J
BENZO(A)ANTHRACENE	ug/kg	SW8270	370	J	1400	J	6800	J	1600	J	190	J	110	J
BENZO(A)PYRENE	ug/kg	SW8270	240	J	1200	J	4600	J	890	J	100	J	58	J
BENZO(B)FLUORANTHENE	ug/kg	SW8270	280	J	1400	J	5000	J	1200	J	140	J	83	J
BENZO(G,H,I)PERYLENE	ug/kg	SW8270	170	J	840	J	3000	J	580	J	80	J	48	J
BENZO(K)FLUORANTHENE	ug/kg	SW8270	110	J	540	J	2400	J	490	J	76	J	42	J
CHRYSENE	ug/kg	SW8270	530	J	1700	J	7100	J	1800	J	300	J	170	J
DIBENZO(A,H)ANTHRACENE	ug/kg	SW8270	44	J	220	J	1000	J	200	J	31	J	93	UJ
FLUORANTHENE	ug/kg	SW8270	1200	J	3600	J	14000	J	4500	J	760	J	420	J
FLUORENE	ug/kg	SW8270	90	UJ	1500	J	6600	J	860	J	91	UJ	93	UJ
INDENO(1,2,3-CD)PYRENE	ug/kg	SW8270	140	J	740	J	2800	J	510	J	75	J	42	J
PHENANTHRENE	ug/kg	SW8270	1900	J	6600	J	27000	J	5500	J	1300	J	800	J
PHENOL	ug/kg	SW8270	1500	J	1400	J	1500	J	5600	J	2000	J	2000	J
PYRENE	ug/kg	SW8270	1100	J	3200	J	12000	J	2900	J	420	J	240	J
SULFIDE	mg/kg	SW9030	406	UJ	452	J	2160	J	522	J	410	UJ	416	UJ
pH	S.U.	SW9045	12		11		8.9		10.7		12.2		12.1	

Table 3A
Onondaga Lake Phase II Pre-Design Investigation
Summary of Sediment Analytical Results

		Location	OL-VC-10105		OL-VC-10105		OL-VC-10105		OL-VC-10105		OL-VC-10105		OL-VC-10106	
		Sample Depth	6.6-9.9 Ft		9.9-13.2 Ft		13.2-16.5 Ft		13.2-16.5 Ft		16.5-19.8 Ft		0.0-3.3 Ft	
		Field Sample ID	OL-0168-15		OL-0168-16		OL-0168-17		OL-0168-18		OL-0168-19		OL-0159-08	
		Matrix	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
		Sample Purpose	Regular Sample		Regular Sample		Regular Sample		Field Duplicate		Regular Sample		Regular Sample	
		Sample Date	8/23/2006		8/23/2006		8/23/2006		8/23/2006		8/23/2006		8/21/2006	
		Sample Delivery Group	6H240153 C6H240187		6H240153 C6H240187		6H240153 C6H240187		6H240153 C6H240187		6H240153 C6H240187		213522|6H220166 C6H220162	
Parameter Name	Units	Analytical Method												
SOLIDS, PERCENT	%	ASTM D2216	33.4		39		40.2		42.8		47.3		46.2	
SOLIDS, PERCENT	%	E160.3	35.7		33.4		39		38.6		49.5		44.8	
NITROGEN, AMMONIA (AS N)	mg/kg	E350.1	427	J	493	J	415	J	482	J	837	J	89	J
TOTAL ORGANIC CARBON	mg/kg	Lloyd Kahn	102000	J	49300	J	56600	J	65700	J	88000	J	40600	J
MERCURY	mg/kg	SW7471	12.1	J	12.4	J	12.8	J	12.6	J	1.9	J	18	J
AROCLOR-1016	ug/kg	SW8082	46	UJ	49	UJ	42	UJ	43	UJ	330	UJ	37	UJ
AROCLOR-1221	ug/kg	SW8082	46	UJ	49	UJ	42	UJ	43	UJ	330	UJ	37	UJ
AROCLOR-1232	ug/kg	SW8082	46	UJ	49	UJ	42	UJ	43	UJ	330	UJ	37	UJ
AROCLOR-1242	ug/kg	SW8082	46	UJ	49	UJ	42	UJ	43	UJ	330	UJ	37	UJ
AROCLOR-1248	ug/kg	SW8082	46	UJ	49	UJ	42	UJ	43	UJ	210	J	37	UJ
AROCLOR-1254	ug/kg	SW8082	46	UJ	49	UJ	42	UJ	43	UJ	330	UJ	37	UJ
AROCLOR-1260	ug/kg	SW8082	20	J	42	J	40	J	42	J	930	J	240	J
AROCLOR-1268	ug/kg	SW8082	46	UJ	49	UJ	42	UJ	43	UJ	330	UJ	37	UJ
PCBS, N.O.S.	ug/kg	SW8082	20	J	42	J	40	J	42	J	1140	J	240	J
1,2,3-TRICHLOROBENZENE	ug/kg	SW8260	10000	UJ	9300	UJ	6400	UJ	9700	UJ	5100	UJ	2800	UJ
1,2,4-TRICHLOROBENZENE	ug/kg	SW8260	10000	UJ	9300	UJ	6400	UJ	9700	UJ	990	J	2800	UJ
1,2-DICHLOROBENZENE	ug/kg	SW8260	35000	J	41000	J	2700	J	2600	J	20000	J	4900	J
1,3,5-TRICHLOROBENZENE	ug/kg	SW8260	10000	UJ	9300	UJ	6400	UJ	9700	UJ	5100	UJ	2800	UJ
1,3-DICHLOROBENZENE	ug/kg	SW8260	10000	UJ	9300	UJ	6400	UJ	9700	UJ	5100	UJ	2800	UJ
1,4-DICHLOROBENZENE	ug/kg	SW8260	17000	J	41000	J	5300	J	4900	J	63000	J	7800	J
BENZENE	ug/kg	SW8260	2000	J	1300	J	6400	UJ	9700	UJ	2600	J	430	J
CHLOROBENZENE	ug/kg	SW8260	17000	J	18000	J	2500	J	2300	J	22000	J	9200	J
ETHYLBENZENE	ug/kg	SW8260	8900	J	5200	J	6400	UJ	9700	UJ	5100	UJ	850	J
NAPHTHALENE	ug/kg	SW8260	230000	J	230000	J	85000	J	110000	J	100000	J	68000	J
TOLUENE	ug/kg	SW8260	1500	J	9300	UJ	6400	UJ	9700	UJ	4700	J	430	J
XYLENES, TOTAL	ug/kg	SW8260	89000	J	52000	J	8100	J	11000	J	25000	J	11000	J
ACENAPHTHENE	ug/kg	SW8270	140	J	110	J	180	J	160	J	1900	J	4300	J
ACENAPHTHYLENE	ug/kg	SW8270	1100	J	770	J	1500	J	1500	J	2200	J	2300	J
ANTHRACENE	ug/kg	SW8270	1200	J	940	J	930	J	1000	J	3800	J	4300	J
BENZO(A)ANTHRACENE	ug/kg	SW8270	280	J	290	J	360	J	380	J	3500		2800	J
BENZO(A)PYRENE	ug/kg	SW8270	110	J	130	J	230	J	230	J	3000	J	1700	J
BENZO(B)FLUORANTHENE	ug/kg	SW8270	180	J	180	J	270	J	270	J	3400	J	2100	J
BENZO(G,H,I)PERYLENE	ug/kg	SW8270	76	J	89	J	170	J	160	J	1900	J	970	J
BENZO(K)FLUORANTHENE	ug/kg	SW8270	82	J	94	J	100	J	95	J	1600	J	850	J
CHRYSENE	ug/kg	SW8270	470	J	390	J	530	J	530	J	4200	J	2800	J
DIBENZO(A,H)ANTHRACENE	ug/kg	SW8270	31	J	29	J	48	J	47	J	550	J	330	J
FLUORANTHENE	ug/kg	SW8270	1200	J	1100	J	1300	J	1300	J	8000	J	9900	J
FLUORENE	ug/kg	SW8270	93	UJ	540	J	86	UJ	86	UJ	2200	J	5900	J
INDENO(1,2,3-CD)PYRENE	ug/kg	SW8270	72	J	77	J	140	J	130	J	1700	J	910	J
PHENANTHRENE	ug/kg	SW8270	2400	J	2100	J	2400	J	2000	J	9800	J	16000	J
PHENOL	ug/kg	SW8270	3600	J	3400	J	3700	J	2700	J	170	J	2400	J
PYRENE	ug/kg	SW8270	560	J	540	J	840	J	900	J	6100	J	6500	J
SULFIDE	mg/kg	SW9030	420	UJ	449	UJ	385	UJ	389	UJ	323	J	335	UJ
pH	S.U.	SW9045	12.1		12.1		11.7		11.7		8.2		10.7	

Table 3A
Onondaga Lake Phase II Pre-Design Investigation
Summary of Sediment Analytical Results

		Location	OL-VC-10106			OL-VC-10106			OL-VC-10106			OL-VC-10106			OL-VC-10106			OL-VC-10107					
		Sample Depth	3.3-6.6 Ft			6.6-9.9 Ft			9.9-13.2 Ft			13.2-16.5 Ft			16.5-17.5 Ft			0.0-3.3 Ft					
		Field Sample ID	OL-0159-09			OL-0159-10			OL-0159-11			OL-0159-12			OL-0159-13			OL-0144-07					
		Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL					
		Sample Purpose	Regular Sample			Regular Sample			Regular Sample			Regular Sample			Regular Sample			Regular Sample					
		Sample Date	8/21/2006			8/21/2006			8/21/2006			8/21/2006			8/21/2006			8/15/2006					
		Sample Delivery Group	213522|6H220166 C6H220162			213522|6H220166 C6H220162			213522|6H220166 C6H220162			213522|6H220166 C6H220162			213522|6H220166 C6H220162			6H160209 C6H160235					
Parameter Name	Units	Analytical Method																						
SOLIDS, PERCENT	%	ASTM D2216	35.9			50.1			46.5			47.3			51.8			57.5					
SOLIDS, PERCENT	%	E160.3	38.1			52.4			44.1			47.3			53.3			51.2					
NITROGEN, AMMONIA (AS N)	mg/kg	E350.1	270	J		660			590	J		550	J		530			224					
TOTAL ORGANIC CARBON	mg/kg	Lloyd Kahn	34800			84800	J		46800	J		43400	J		55700	J		54900					
MERCURY	mg/kg	SW7471	13.6	J		1.9			6.7	J		1.7	J		1.8			59.6					
AROCLOR-1016	ug/kg	SW8082	43	UJ		310	U		370	UJ		350	UJ		310	U				R			
AROCLOR-1221	ug/kg	SW8082	43	UJ		310	U		370	UJ		350	UJ		310	U				R			
AROCLOR-1232	ug/kg	SW8082	43	UJ		310	U		370	UJ		350	UJ		310	U				R			
AROCLOR-1242	ug/kg	SW8082	43	UJ		310	U		370	UJ		350	UJ		310	U				R			
AROCLOR-1248	ug/kg	SW8082	43	UJ		1600			370	UJ		350	UJ		310	U				R			
AROCLOR-1254	ug/kg	SW8082	43	UJ		310	U		370	UJ		350	UJ		310	U				R			
AROCLOR-1260	ug/kg	SW8082	160	J		2800			370	UJ		350	UJ		310	U				R			
AROCLOR-1268	ug/kg	SW8082	43	UJ		310	U		370	UJ		350	UJ		310	U				R			
PCBS, N.O.S.	ug/kg	SW8082	160	J		4400			370	UJ		350	UJ		310	U				R			
1,2,3-TRICHLOROBENZENE	ug/kg	SW8260	6600	UJ		480	U		570	UJ		530	UJ		9.4	U		1200		UJ			
1,2,4-TRICHLOROBENZENE	ug/kg	SW8260	6600	UJ		480	U		460	J		530	UJ		9.4	U		1200		UJ			
1,2-DICHLOROBENZENE	ug/kg	SW8260	3100	J		180			890	J		530	UJ		9.4	U		1200		UJ			
1,3,5-TRICHLOROBENZENE	ug/kg	SW8260	6600	UJ		480	U		570	UJ		530	UJ		9.4	U		1200		UJ			
1,3-DICHLOROBENZENE	ug/kg	SW8260	6600	UJ		56	J		340	J		530	UJ		9.4	U		7400		J			
1,4-DICHLOROBENZENE	ug/kg	SW8260	5300	J		450	J		1700	J		530	UJ		9.4	U		21000					
BENZENE	ug/kg	SW8260	6600	UJ		160			370	J		530	UJ		9.4	U		550		J			
CHLOROBENZENE	ug/kg	SW8260	1400	J		270	J		560	J		530	UJ		9.4	U		17000		J			
ETHYLBENZENE	ug/kg	SW8260	1400	J		160	J		150	J		530	UJ		9.4	U		1100		J			
NAPHTHALENE	ug/kg	SW8260	180000	J		9500			5900	J		2400	J		3.3	J		23000		J			
TOLUENE	ug/kg	SW8260	6600	UJ		91	J		220	J		180	J		9.4	U		770		J			
XYLENES, TOTAL	ug/kg	SW8260	14000	J		1100	J		1200	J		210	J		28	U		10000		J			
ACENAPHTHENE	ug/kg	SW8270	230	J		7600			1100	J		1700	J		680			2300		J			
ACENAPHTHYLENE	ug/kg	SW8270	1800	J		3800			590	J		1100	J		460			2200		J			
ANTHRACENE	ug/kg	SW8270	1300	J		11000			3000	J		4200	J		2100			7200		J			
BENZO(A)ANTHRACENE	ug/kg	SW8270	730	J		13000			2800	J		3900	J		2500			2900		J			
BENZO(A)PYRENE	ug/kg	SW8270	530	J		11000			1300	J		2900	J		2000			1900		J			
BENZO(B)FLUORANTHENE	ug/kg	SW8270	600	J		12000			1700	J		2300	J		1800			2500		J			
BENZO(G,H,I)PERYLENE	ug/kg	SW8270	360	J		7300	J		920	J		1800	J		1500	J		1200		J			
BENZO(K)FLUORANTHENE	ug/kg	SW8270	240	J		5600			620	J		970	J		550			1100		J			
CHRYSENE	ug/kg	SW8270	890	J		13000			2500	J		3300	J		2500			3300		J			
DIBENZO(A,H)ANTHRACENE	ug/kg	SW8270	93	J		2100	J		330	J		480	J		370	J		330		J			
FLUORANTHENE	ug/kg	SW8270	2200	J		33000			7200	J		7200	J		4500			8200		J			
FLUORENE	ug/kg	SW8270	87	UJ		8700			2900	J		2500	J		1300			650		UJ			
INDENO(1,2,3-CD)PYRENE	ug/kg	SW8270	310	J		6800	J		850	J		1400	J		1000	J		1100		J			
PHENANTHRENE	ug/kg	SW8270	3000	J		33000			10000	J		10000	J		5500			13000		J			
PHENOL	ug/kg	SW8270	2100	J		640	U		180	J		61	J		55	J		650		UJ			
PYRENE	ug/kg	SW8270	1600	J		26000			4900	J		8400	J		5700			8500		J			
SULFIDE	mg/kg	SW9030	393	UJ		1680			725	J		592	J		525			328		J			
pH	S.U.	SW9045	11.1			8.6			8.5			8.4			8.3			7.9					

Table 3A
Onondaga Lake Phase II Pre-Design Investigation
Summary of Sediment Analytical Results

		Location	OL-VC-10107		OL-VC-10107		OL-VC-10107		OL-VC-10107		OL-VC-10107		OL-VC-10107	
		Sample Depth	3.3-6.6 Ft		3.3-6.6 Ft		6.6-9.9 Ft		9.9-13.2 Ft		13.2-16.5 Ft		16.5-17.5 Ft	
		Field Sample ID	OL-0144-08		OL-0144-09		OL-0144-10		OL-0144-11		OL-0144-12		OL-0144-13	
		Matrix	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
		Sample Purpose	Regular Sample		Field Duplicate		Regular Sample		Regular Sample		Regular Sample		Regular Sample	
		Sample Date	8/15/2006		8/15/2006		8/15/2006		8/15/2006		8/15/2006		8/15/2006	
		Sample Delivery Group	6H160209 C6H160235		6H160209 C6H160235		6H160209 C6H160235		6H160209 C6H160235		6H160209 C6H160235		6H160209 C6H160235	
Parameter Name	Units	Analytical Method												
SOLIDS, PERCENT	%	ASTM D2216	57.1		57.6		54.8		59.2		53.8		52.2	
SOLIDS, PERCENT	%	E160.3	51.5		52		50.9		56.8		49.3		47.5	
NITROGEN, AMMONIA (AS N)	mg/kg	E350.1	592		481		855		607		553	J	473	J
TOTAL ORGANIC CARBON	mg/kg	Lloyd Kahn	85600		71400		51200		47300		47700		48800	
MERCURY	mg/kg	SW7471	12		10.7		4.2		1.6		0.71	J	0.41	J
AROCLOR-1016	ug/kg	SW8082	320	U	320	U	32	UJ	29	UJ	33	UJ	35	UJ
AROCLOR-1221	ug/kg	SW8082	320	U	320	U	32	UJ	29	UJ	33	UJ	35	UJ
AROCLOR-1232	ug/kg	SW8082	320	U	320	U	32	UJ	29	UJ	33	UJ	35	UJ
AROCLOR-1242	ug/kg	SW8082	320	U	320	U	32	UJ	29	UJ	33	UJ	35	UJ
AROCLOR-1248	ug/kg	SW8082	320	U	320	U	32	UJ	29	UJ	33	UJ	35	UJ
AROCLOR-1254	ug/kg	SW8082	320	U	320	U	32	UJ	29	UJ	33	UJ	35	UJ
AROCLOR-1260	ug/kg	SW8082	2700		2100		32	UJ	29	UJ	33	UJ	35	UJ
AROCLOR-1268	ug/kg	SW8082	320	U	320	U	32	UJ	29	UJ	33	UJ	35	UJ
PCBS, N.O.S.	ug/kg	SW8082	2700		2100		32	UJ	29	UJ	33	UJ	35	UJ
1,2,3-TRICHLOROBENZENE	ug/kg	SW8260	2400	UJ	4800	U	490	U	440	U	10	UJ	11	UJ
1,2,4-TRICHLOROBENZENE	ug/kg	SW8260	2400	U	4800	U	490	U	440	U	10	UJ	11	UJ
1,2-DICHLOROBENZENE	ug/kg	SW8260	460	J	730	J	84	J	440	U	10	UJ	11	UJ
1,3,5-TRICHLOROBENZENE	ug/kg	SW8260	2400	U	4800	U	490	U	440	U	10	UJ	11	UJ
1,3-DICHLOROBENZENE	ug/kg	SW8260	3200		4200	J	490	U	440	U	10	UJ	11	UJ
1,4-DICHLOROBENZENE	ug/kg	SW8260	5900		8100		190	J	440	U	10	UJ	11	UJ
BENZENE	ug/kg	SW8260	2400	U	4800	U	67	J	440	U	10	UJ	11	UJ
CHLOROBENZENE	ug/kg	SW8260	2400		3600	J	98	J	440	U	10	UJ	11	UJ
ETHYLBENZENE	ug/kg	SW8260	450	J	620	J	63	J	440	U	10	UJ	11	UJ
NAPHTHALENE	ug/kg	SW8260	39000	J	93000		18000	J	620		10	UJ	11	UJ
TOLUENE	ug/kg	SW8260	280	J	4800	U	71	J	440	U	10	UJ	11	UJ
XYLENES, TOTAL	ug/kg	SW8260	3000	J	4200	J	470	J	1300	U	30	UJ	32	UJ
ACENAPHTHENE	ug/kg	SW8270	12000		9900		3500		460		140	J	26	J
ACENAPHTHYLENE	ug/kg	SW8270	4100		3700		1300		360		160	J	36	J
ANTHRACENE	ug/kg	SW8270	12000		10000		6300		1400		940	J	130	J
BENZO(A)ANTHRACENE	ug/kg	SW8270	15000		13000		7000		1800		1800	J	420	J
BENZO(A)PYRENE	ug/kg	SW8270	12000		11000		4700		1300		1800	J	480	J
BENZO(B)FLUORANTHENE	ug/kg	SW8270	15000		14000		5500		1200		1700	J	390	J
BENZO(G,H,I)PERYLENE	ug/kg	SW8270	6800		6100		2700		730		1100	J	340	J
BENZO(K)FLUORANTHENE	ug/kg	SW8270	5800		4900		2600		530		140	UJ	170	J
CHRYSENE	ug/kg	SW8270	16000		14000		6600		1700		1900	J	420	J
DIBENZO(A,H)ANTHRACENE	ug/kg	SW8270	2200		1900		910		180	J	220	J	69	J
FLUORANTHENE	ug/kg	SW8270	34000		29000		14000		2700		2200	J	530	J
FLUORENE	ug/kg	SW8270	14000		12000		5700		770		410	J	53	J
INDENO(1,2,3-CD)PYRENE	ug/kg	SW8270	6500		5800		2600		550		710	J	230	J
PHENANTHRENE	ug/kg	SW8270	44000		37000		19000		3900		3400	J	380	J
PHENOL	ug/kg	SW8270	1300	UJ	1300	UJ	650	UJ	230	UJ	200	J	32	J
PYRENE	ug/kg	SW8270	37000		33000		15000		4600		5500	J	1000	J
SULFIDE	mg/kg	SW9030	1460		1350		2250		84.5		438	J	421	J
pH	S.U.	SW9045	7.4		7.4		7.5		8		8.4		8.2	

Table 3A
Onondaga Lake Phase II Pre-Design Investigation
Summary of Sediment Analytical Results

		Location	OL-VC-20067		OL-VC-20067		OL-VC-20067		OL-VC-20067		OL-VC-20067		OL-VC-20068	
		Sample Depth	0.0-3.3 Ft		0.0-3.3 Ft		3.3-6.6 Ft		6.6-9.9 Ft		9.9-11.5 Ft		0.0-3.3 Ft	
		Field Sample ID	OL-0185-01		OL-0185-02		OL-0185-03		OL-0185-04		OL-0185-05		OL-0185-06	
		Matrix	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
		Sample Purpose	Regular Sample		Field Duplicate		Regular Sample		Regular Sample		Regular Sample		Regular Sample	
		Sample Date	9/27/2006		9/27/2006		9/27/2006		9/27/2006		9/27/2006		9/27/2006	
		Sample Delivery Group	6I280199 C6I280207		6I280199 C6I280207		6I280199 C6I280207		6I280199 C6I280207		6I280199 C6I280207		6I280199 C6I280207	
Parameter Name	Units	Analytical Method												
SOLIDS, PERCENT	%	ASTM D2216	31.1		33.6		45.6		54.8		73.5		45	
SOLIDS, PERCENT	%	E160.3	36.1		34.7		55		52.4		72.4		49.5	
NITROGEN, AMMONIA (AS N)	mg/kg	E350.1	679	J	577	J	202	J	264	J	69.6	J	19.5	J
TOTAL ORGANIC CARBON	mg/kg	Lloyd Kahn	54200	J	52900	J	59500	J	50900	J	78600	J	49000	J
MERCURY	mg/kg	SW7471	2	J	2	J	2.3		1.7		0.52		0.034	UJ
AROCLOR-1016	ug/kg	SW8082	140	UJ	140	UJ	900	U	3100	U	6800	U	33	UJ
AROCLOR-1221	ug/kg	SW8082	140	UJ	140	UJ	900	U	3100	U	6800	U	33	UJ
AROCLOR-1232	ug/kg	SW8082	140	UJ	140	UJ	900	U	3100	U	6800	U	33	UJ
AROCLOR-1242	ug/kg	SW8082	140	UJ	140	UJ	900	U	3100	U	6800	U	33	UJ
AROCLOR-1248	ug/kg	SW8082	930	J	800	J	7700		29000		23000		33	UJ
AROCLOR-1254	ug/kg	SW8082	550	J	460	J	3400		18000		18000		33	UJ
AROCLOR-1260	ug/kg	SW8082	140	UJ	140	UJ	900	U	3100	U	6800	U	33	UJ
AROCLOR-1268	ug/kg	SW8082	140	UJ	140	UJ	900	U	3100	U	6800	U	33	UJ
PCBS, N.O.S.	ug/kg	SW8082	1480	J	1260	J	11100		47000		41000		33	UJ
1,2,3-TRICHLOROBENZENE	ug/kg	SW8260	14	UJ	14	UJ	9.1	U	9.5	U	6.9	U	10	UJ
1,2,4-TRICHLOROBENZENE	ug/kg	SW8260	14	UJ	14	UJ	9.1	U	9.5	U	6.9	U	10	UJ
1,2-DICHLOROBENZENE	ug/kg	SW8260	14	UJ	14	UJ	9.1	U	9.5	U	6.9	U	10	UJ
1,3,5-TRICHLOROBENZENE	ug/kg	SW8260	14	UJ	14	UJ	9.1	U	9.5	U	6.9	U	10	UJ
1,3-DICHLOROBENZENE	ug/kg	SW8260	14	UJ	14	UJ	9.1	U	9.5	U	6.9	U	10	UJ
1,4-DICHLOROBENZENE	ug/kg	SW8260	14	UJ	14	UJ	9.1	U	1.6	J	6.9	U	10	UJ
BENZENE	ug/kg	SW8260	14	UJ	14	UJ	5	J	5.7	J	6.9	U	10	UJ
CHLOROBENZENE	ug/kg	SW8260	3.3	J	4.4	J	9.1	U	9.5	U	6.9	U	10	UJ
ETHYLBENZENE	ug/kg	SW8260	14	UJ	14	UJ	9.1	U	9.5	U	6.9	U	10	UJ
NAPHTHALENE	ug/kg	SW8260	14	UJ	14	UJ	11		45		6.9	U	10	UJ
TOLUENE	ug/kg	SW8260	14	UJ	14	UJ	65		28		6.9	U	10	UJ
XYLENES, TOTAL	ug/kg	SW8260	42	UJ	43	UJ	27	U	5.2	J	21	U	30	UJ
ACENAPHTHENE	ug/kg	SW8270	100	J	70	J	550		270		510		6.7	UJ
ACENAPHTHYLENE	ug/kg	SW8270	300	J	160	J	150		150		160	J	6.7	UJ
ANTHRACENE	ug/kg	SW8270	490	J	350	J	740		660		1300		6.7	UJ
BENZO(A)ANTHRACENE	ug/kg	SW8270	740	J	590	J	1200		1100		3000		6.7	UJ
BENZO(A)PYRENE	ug/kg	SW8270	820	J	570	J	1000		1000		2400		6.7	UJ
BENZO(B)FLUORANTHENE	ug/kg	SW8270	1000	J	780	J	1300		1200		2600		6.7	UJ
BENZO(G,H,I)PERYLENE	ug/kg	SW8270	540	J	500	J	670		620		1400		6.7	UJ
BENZO(K)FLUORANTHENE	ug/kg	SW8270	380	J	330	J	550		530		1200		6.7	UJ
CHRYSENE	ug/kg	SW8270	890	J	740	J	1300		1000		2500		6.7	UJ
DIBENZO(A,H)ANTHRACENE	ug/kg	SW8270	140	J	120	J	210		190		470		6.7	UJ
FLUORANTHENE	ug/kg	SW8270	1600	J	1200	J	3000		2100		4400		6.7	UJ
FLUORENE	ug/kg	SW8270	220	J	150	J	620		350		710		6.7	UJ
INDENO(1,2,3-CD)PYRENE	ug/kg	SW8270	460	J	420	J	590		550		1300		6.7	UJ
PHENANTHRENE	ug/kg	SW8270	840	J	680	J	3300		2500		4700		6.3	J
PHENOL	ug/kg	SW8270	41	J	96	UJ	1900		1300		130	J	6.7	UJ
PYRENE	ug/kg	SW8270	1100	J	1000	J	2000		1500		4100		6.7	UJ
SULFIDE	mg/kg	SW9030	2000	J	1730	J	728		229	J	207	U	303	UJ
pH	S.U.	SW9045	7.6		7.7		10.2		9.9		9.7		7.6	

Table 3A
Onondaga Lake Phase II Pre-Design Investigation
Summary of Sediment Analytical Results

		Location	OL-VC-20068		OL-VC-20068		OL-VC-20068		OL-VC-20069		OL-VC-20069		OL-VC-20069	
		Sample Depth	3.3-6.6 Ft		6.6-9.9 Ft		9.9-13.2 Ft		0.0-3.3 Ft		3.3-6.6 Ft		6.6-9.9 Ft	
		Field Sample ID	OL-0185-07		OL-0185-08		OL-0185-09		OL-0185-10		OL-0185-11		OL-0185-12	
		Matrix	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
		Sample Purpose	Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample	
		Sample Date	9/27/2006		9/27/2006		9/27/2006		9/27/2006		9/27/2006		9/27/2006	
		Sample Delivery Group	6I280199 C6I280207		6I280199 C6I280207		6I280199 C6I280207		6I280199 C6I280207		6I280199 C6I280207		6I280199 C6I280207	
Parameter Name	Units	Analytical Method												
SOLIDS, PERCENT	%	ASTM D2216	44.6		52.5		52.3		45.7		56.1		55.1	
SOLIDS, PERCENT	%	E160.3	51.6		53.1		50.5		53		57.7		53.8	
NITROGEN, AMMONIA (AS N)	mg/kg	E350.1	24.4	J	18.6	J	26.4	J	104	J	38	J	20.5	J
TOTAL ORGANIC CARBON	mg/kg	Lloyd Kahn	42800	J	54000	J	36700	J	61100	J	35500	J	37100	J
MERCURY	mg/kg	SW7471	0.032	U	0.031	U	0.033	U	1.5		0.017	J	0.031	U
AROCLOR-1016	ug/kg	SW8082	32	U	31	U	33	U	31	U	29	U	31	U
AROCLOR-1221	ug/kg	SW8082	32	U	31	U	33	U	31	U	29	U	31	U
AROCLOR-1232	ug/kg	SW8082	32	U	31	U	33	U	31	U	29	U	31	U
AROCLOR-1242	ug/kg	SW8082	32	U	31	U	33	U	31	U	29	U	31	U
AROCLOR-1248	ug/kg	SW8082	29	J	31	U	33	U	31	U	29	U	31	U
AROCLOR-1254	ug/kg	SW8082	22	J	31	U	33	U	31	U	29	U	31	U
AROCLOR-1260	ug/kg	SW8082	32	U	31	U	33	U	31	U	29	U	31	U
AROCLOR-1268	ug/kg	SW8082	32	U	31	U	33	U	31	U	29	U	31	U
PCBS, N.O.S.	ug/kg	SW8082	51		31	U	33	U	31	U	29	U	31	U
1,2,3-TRICHLOROBENZENE	ug/kg	SW8260	9.7	U	9.4	U	9.9	U	9.4	U	8.7	U	9.3	U
1,2,4-TRICHLOROBENZENE	ug/kg	SW8260	9.7	U	9.4	U	9.9	U	9.4	U	8.7	U	9.3	U
1,2-DICHLOROBENZENE	ug/kg	SW8260	9.7	U	9.4	U	9.9	U	9.4	U	8.7	U	9.3	U
1,3,5-TRICHLOROBENZENE	ug/kg	SW8260	9.7	U	9.4	U	9.9	U	9.4	U	8.7	U	9.3	U
1,3-DICHLOROBENZENE	ug/kg	SW8260	9.7	U	9.4	U	9.9	U	9.4	U	8.7	U	9.3	U
1,4-DICHLOROBENZENE	ug/kg	SW8260	9.7	U	9.4	U	9.9	U	9.4	U	8.7	U	9.3	U
BENZENE	ug/kg	SW8260	9.7	U	9.4	U	9.9	U	2	J	8.7	U	9.3	U
CHLOROBENZENE	ug/kg	SW8260	9.7	U	9.4	U	9.9	U	9.4	U	8.7	U	9.3	U
ETHYLBENZENE	ug/kg	SW8260	9.7	U	9.4	U	9.9	U	9.4	U	8.7	U	9.3	U
NAPHTHALENE	ug/kg	SW8260	9.7	U	9.4	U	9.9	U	12		8.7	U	9.3	U
TOLUENE	ug/kg	SW8260	9.7	U	9.4	U	9.9	U	9.4	U	8.7	U	9.3	U
XYLENES, TOTAL	ug/kg	SW8260	29	U	28	U	30	U	28	U	26	U	28	U
ACENAPHTHENE	ug/kg	SW8270	6.5	U	6.3	U	6.6	U	14000		29		6.2	U
ACENAPHTHYLENE	ug/kg	SW8270	6.5	U	6.3	U	6.6	U	3500		8.6		6.2	U
ANTHRACENE	ug/kg	SW8270	6.5	U	6.3	U	6.6	U	26000		54		6.2	U
BENZO(A)ANTHRACENE	ug/kg	SW8270	6.5	U	6.3	U	6.6	U	24000		54		6.2	U
BENZO(A)PYRENE	ug/kg	SW8270	6.5	U	6.3	U	6.6	U	14000		38		6.2	U
BENZO(B)FLUORANTHENE	ug/kg	SW8270	6.5	U	6.3	U	6.6	U	19000		42		1.2	J
BENZO(G,H,I)PERYLENE	ug/kg	SW8270	6.5	U	6.3	U	6.6	U	6500		29		6.2	U
BENZO(K)FLUORANTHENE	ug/kg	SW8270	6.5	U	6.3	U	6.6	U	7700		23		6.2	U
CHRYSENE	ug/kg	SW8270	6.5	U	6.3	U	6.6	U	18000		52		6.2	U
DIBENZO(A,H)ANTHRACENE	ug/kg	SW8270	6.5	U	6.3	U	6.6	U	2400		7.8		6.2	U
FLUORANTHENE	ug/kg	SW8270	6.5	U	6.3	U	6.6	U	40000		92		6.2	U
FLUORENE	ug/kg	SW8270	6.5	U	2.2	J	6.6	U	16000		34		6.2	U
INDENO(1,2,3-CD)PYRENE	ug/kg	SW8270	6.5	U	6.3	U	6.6	U	6900		24		6.2	U
PHENANTHRENE	ug/kg	SW8270	6.5		7.9		6.7		53000	J	120		6	J
PHENOL	ug/kg	SW8270	6.5	U	6.3	U	6.6	U	81	J	5.8	U	6.2	U
PYRENE	ug/kg	SW8270	6.5	U	6.3	U	6.6	U	32000		96		2.3	J
SULFIDE	mg/kg	SW9030	291	U	282	U	297	U	680		260	U	279	U
pH	S.U.	SW9045	7.3		7.3		7.3		7.6		7.4		7.4	

Table 3A
Onondaga Lake Phase II Pre-Design Investigation
Summary of Sediment Analytical Results

		Location	OL-VC-20069		OL-VC-20070		OL-VC-20070		OL-VC-20070		OL-VC-20070		OL-VC-20071	
		Sample Depth	9.9-13.2 Ft		0.0-3.3 Ft		3.3-6.6 Ft		6.6-9.9 Ft		9.9-13.2 Ft		0.0-3.3 Ft	
		Field Sample ID	OL-0185-13		OL-0185-14		OL-0185-15		OL-0185-16		OL-0185-17		OL-0187-01	
		Matrix	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
		Sample Purpose	Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample	
		Sample Date	9/27/2006		9/27/2006		9/27/2006		9/27/2006		9/27/2006		9/28/2006	
		Sample Delivery Group	6I280199 C6I280207		6I280199 C6I280207		6I280199 C6I280207		6I280199 C6I280207		6I280199 C6I280207		6I290214 C6I290234	
Parameter Name	Units	Analytical Method												
SOLIDS, PERCENT	%	ASTM D2216	51.8		58.6		55.8		51.8		73.2		58.4	
SOLIDS, PERCENT	%	E160.3	59.1		62.7		56.4		60.2		76.7		62.4	
NITROGEN, AMMONIA (AS N)	mg/kg	E350.1	15.5	J	17.7	J	16	J	13.4	J	10.6	J	13.1	J
TOTAL ORGANIC CARBON	mg/kg	Lloyd Kahn	77900	J	42000	J	65700	J	52500	J	42300	J	39600	
MERCURY	mg/kg	SW7471	0.012	J	0.11		0.03	U	0.012	J	0.014	J	0.023	J
AROCLOR-1016	ug/kg	SW8082	28	U	26	U	29	U	27	U	22	U	26	U
AROCLOR-1221	ug/kg	SW8082	28	U	26	U	29	U	27	U	22	U	26	U
AROCLOR-1232	ug/kg	SW8082	28	U	26	U	29	U	27	U	22	U	26	U
AROCLOR-1242	ug/kg	SW8082	28	U	26	U	29	U	27	U	22	U	26	U
AROCLOR-1248	ug/kg	SW8082	28	U	26	U	29	U	27	U	22	U	26	U
AROCLOR-1254	ug/kg	SW8082	28	U	26	U	29	U	27	U	22	U	26	U
AROCLOR-1260	ug/kg	SW8082	28	U	26	U	29	U	27	U	22	U	26	U
AROCLOR-1268	ug/kg	SW8082	28	U	26	U	29	U	27	U	22	U	26	U
PCBS, N.O.S.	ug/kg	SW8082	28	U	26	U	29	U	27	U	22	U	26	U
1,2,3-TRICHLOROBENZENE	ug/kg	SW8260	8.5	U	8	U	8.9	U	8.3	U	6.5	U	8	U
1,2,4-TRICHLOROBENZENE	ug/kg	SW8260	8.5	U	8	U	8.9	U	8.3	U	6.5	U	8	U
1,2-DICHLOROBENZENE	ug/kg	SW8260	8.5	U	8	U	8.9	U	8.3	U	6.5	U	8	U
1,3,5-TRICHLOROBENZENE	ug/kg	SW8260	8.5	U	8	U	8.9	U	8.3	U	6.5	U	8	U
1,3-DICHLOROBENZENE	ug/kg	SW8260	8.5	U	8	U	8.9	U	8.3	U	6.5	U	8	U
1,4-DICHLOROBENZENE	ug/kg	SW8260	8.5	U	8	U	8.9	U	8.3	U	6.5	U	8	U
BENZENE	ug/kg	SW8260	8.5	U	8	U	4	J	8.3	U	6.5	U	140	
CHLOROBENZENE	ug/kg	SW8260	8.5	U	8	U	8.9	U	8.3	U	6.5	U	8	U
ETHYLBENZENE	ug/kg	SW8260	8.5	U	8	U	8.9	U	8.3	U	6.5	U	8	U
NAPHTHALENE	ug/kg	SW8260	8.5	U	4.2	J	8.9	U	8.3	U	6.5	U	8	U
TOLUENE	ug/kg	SW8260	8.5	U	8	U	8.9	U	8.3	U	6.5	U	8	U
XYLENES, TOTAL	ug/kg	SW8260	25	U	24	U	27	U	25	U	20	U	24	U
ACENAPHTHENE	ug/kg	SW8270	5.6	U	31000		7		2.1	J	4.4	U	2.3	J
ACENAPHTHYLENE	ug/kg	SW8270	5.6	U	8800		2.1	J	5.5	U	4.4	U	3.5	J
ANTHRACENE	ug/kg	SW8270	5.6	U	29000		7.6		1.9	J	4.4	U	4.9	J
BENZO(A)ANTHRACENE	ug/kg	SW8270	5.6	U	17000		5.3	J	5.5	U	4.4	U	16	
BENZO(A)PYRENE	ug/kg	SW8270	5.6	U	9100		3	J	5.5	U	4.4	U	16	
BENZO(B)FLUORANTHENE	ug/kg	SW8270	2.3	J	12000		4	J	1.6	J	1.4	J	24	
BENZO(G,H,I)PERYLENE	ug/kg	SW8270	2	J	3900		2	J	1.2	J	1.4	J	17	
BENZO(K)FLUORANTHENE	ug/kg	SW8270	5.6	U	4800		5.9	U	5.5	U	4.4	U	8.3	
CHRYSENE	ug/kg	SW8270	2.5	J	12000		4	J	2	J	3.1	J	15	
DIBENZO(A,H)ANTHRACENE	ug/kg	SW8270	5.6	U	1600		5.9	U	5.5	U	4.4	U	4.7	J
FLUORANTHENE	ug/kg	SW8270	5.6	U	36000		8.9		5.5	U	4.4	U	21	
FLUORENE	ug/kg	SW8270	2.7	J	29000		8.5		3.5	J	2.3	J	3.8	J
INDENO(1,2,3-CD)PYRENE	ug/kg	SW8270	5.6	U	4300		1.8	J	5.5	U	4.4	U	14	
PHENANTHRENE	ug/kg	SW8270	6.2		70000		23		8.8		6.5		10	
PHENOL	ug/kg	SW8270	5.6	U	2100	UJ	5.9	U	5.5	U	4.4	U	18	
PYRENE	ug/kg	SW8270	2.1	J	25000		9.7		2.1	J	1.6	J	27	
SULFIDE	mg/kg	SW9030	254	U	239	U	266	U	249	U	196	U	240	U
pH	S.U.	SW9045	7.6		7.5		7.5		7.6		8		7.5	

Table 3A
Onondaga Lake Phase II Pre-Design Investigation
Summary of Sediment Analytical Results

		Location	OL-VC-20071		OL-VC-20071		OL-VC-20071		OL-VC-20072		OL-VC-20072		OL-VC-20072	
		Sample Depth	3.3-6.6 Ft		6.6-9.9 Ft		9.9-13.2 Ft		0.0-3.3 Ft		3.3-6.6 Ft		6.6-9.9 Ft	
		Field Sample ID	OL-0187-02		OL-0187-03		OL-0187-04		OL-0150-01		OL-0150-02		OL-0150-03	
		Matrix	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
		Sample Purpose	Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample	
		Sample Date	9/28/2006		9/28/2006		9/28/2006		8/17/2006		8/17/2006		8/17/2006	
		Sample Delivery Group	6I290214 C6I290234		6I290214 C6I290234		6I290214 C6I290234		213507|6H180210 C6H180244		213507|6H180210 C6H180244		213507|6H180210 C6H180244	
Parameter Name	Units	Analytical Method												
SOLIDS, PERCENT	%	ASTM D2216	55.5		53.9		54.1		57.4		53.2		56.4	
SOLIDS, PERCENT	%	E160.3	55.8		52.4		55.6		49.9		48.5		52.5	
NITROGEN, AMMONIA (AS N)	mg/kg	E350.1	16.7	J	11.2	J	12.2	J	56		100		39	
TOTAL ORGANIC CARBON	mg/kg	Lloyd Kahn	50900		30200		35600		40300		37800		46300	
MERCURY	mg/kg	SW7471	0.03	U	0.032	U	0.011	J	0.033	UJ	0.034	UJ	0.032	U
AROCLOR-1016	ug/kg	SW8082	30	U	32	U	30	U	33	UJ	34	UJ	31	U
AROCLOR-1221	ug/kg	SW8082	30	U	32	U	30	U	33	UJ	34	UJ	31	U
AROCLOR-1232	ug/kg	SW8082	30	U	32	U	30	U	33	UJ	34	UJ	31	U
AROCLOR-1242	ug/kg	SW8082	30	U	32	U	30	U	33	UJ	34	UJ	31	U
AROCLOR-1248	ug/kg	SW8082	30	U	32	U	30	U	33	UJ	34	UJ	31	U
AROCLOR-1254	ug/kg	SW8082	30	U	32	U	30	U	33	UJ	34	UJ	31	U
AROCLOR-1260	ug/kg	SW8082	30	U	32	U	30	U	33	UJ	34	UJ	31	U
AROCLOR-1268	ug/kg	SW8082	30	U	32	U	30	U	33	UJ	34	UJ	31	U
PCBS, N.O.S.	ug/kg	SW8082	30	U	32	U	30	U	33	UJ	34	UJ	31	U
1,2,3-TRICHLOROBENZENE	ug/kg	SW8260	9	U	9.5	U	9	U	10	UJ	10	UJ	9.5	U
1,2,4-TRICHLOROBENZENE	ug/kg	SW8260	9	U	9.5	U	9	U	10	UJ	10	UJ	9.5	U
1,2-DICHLOROBENZENE	ug/kg	SW8260	9	U	9.5	U	9	U	10	UJ	10	UJ	9.5	U
1,3,5-TRICHLOROBENZENE	ug/kg	SW8260	9	U	9.5	U	9	U	10	UJ	10	UJ	9.5	U
1,3-DICHLOROBENZENE	ug/kg	SW8260	9	U	9.5	U	9	U	10	UJ	10	UJ	9.5	U
1,4-DICHLOROBENZENE	ug/kg	SW8260	9	U	9.5	U	9	U	10	UJ	10	UJ	9.5	U
BENZENE	ug/kg	SW8260	200		68		2.1	J	10	UJ	10	UJ	9.5	U
CHLOROBENZENE	ug/kg	SW8260	9	U	9.5	U	9	U	10	UJ	10	UJ	9.5	U
ETHYLBENZENE	ug/kg	SW8260	9	U	9.5	U	9	U	10	UJ	10	UJ	9.5	U
NAPHTHALENE	ug/kg	SW8260	9	U	9.5	U	9	U	10	UJ	10	UJ	9.5	U
TOLUENE	ug/kg	SW8260	9	U	9.5	U	9	U	10	UJ	10	UJ	9.5	U
XYLENES, TOTAL	ug/kg	SW8260	27	U	29	U	27	U	30	UJ	31	UJ	29	U
ACENAPHTHENE	ug/kg	SW8270	12	U	6.4	U	6	U	6.7	UJ	2.7	J	6.4	U
ACENAPHTHYLENE	ug/kg	SW8270	12	U	6.4	U	6	U	6.7	UJ	6.9	UJ	6.4	U
ANTHRACENE	ug/kg	SW8270	12	U	6.4	U	6	U	4.4	J	12	J	6.4	U
BENZO(A)ANTHRACENE	ug/kg	SW8270	12	U	6.4	U	6	U	14	J	100	J	6.4	U
BENZO(A)PYRENE	ug/kg	SW8270	12	U	6.4	U	6	U	19	J	120	J	6.4	U
BENZO(B)FLUORANTHENE	ug/kg	SW8270	12	U	6.4	U	1.3	J	21	J	120	J	6.4	U
BENZO(G,H,I)PERYLENE	ug/kg	SW8270	12	U	6.4	U	1.1	J	13	J	76	J	6.4	UJ
BENZO(K)FLUORANTHENE	ug/kg	SW8270	12	U	6.4	U	6	U	7.9	J	57	J	6.4	U
CHRYSENE	ug/kg	SW8270	12	U	6.4	U	1.9	J	14	J	95	J	6.4	U
DIBENZO(A,H)ANTHRACENE	ug/kg	SW8270	12	U	6.4	U	6	U	3.7	J	23	J	6.4	UJ
FLUORANTHENE	ug/kg	SW8270	12	U	6.4	U	6	U	21	J	130	J	6.4	U
FLUORENE	ug/kg	SW8270	12	U	2.3	J	2.9	J	8.6	J	3.6	J	6.4	U
INDENO(1,2,3-CD)PYRENE	ug/kg	SW8270	12	U	6.4	U	6	U	13	J	79	J	6.4	UJ
PHENANTHRENE	ug/kg	SW8270	4.8	J	4.2	J	5.2	J	8.5	J	35	J	3.7	J
PHENOL	ug/kg	SW8270	12	U	6.4	U	6	U	6.7	UJ	6.9	UJ	6.4	U
PYRENE	ug/kg	SW8270	12	U	6.4	U	1.4	J	16	J	98	J	6.4	U
SULFIDE	mg/kg	SW9030	269	U	286	U	270	U	60.1	UJ	61.9	UJ	57.2	U
pH	S.U.	SW9045	7.3		7.4		7.5		7.3		7		7.1	

Table 3A
Onondaga Lake Phase II Pre-Design Investigation
Summary of Sediment Analytical Results

		Location	OL-VC-20072		OL-VC-20072		OL-VC-20072		OL-VC-20073		OL-VC-20073		OL-VC-20073	
		Sample Depth	9.9-13.2 Ft		13.2-16.5 Ft		16.5-19.8 Ft		0.0-3.3 Ft		3.3-6.6 Ft		6.6-9.9 Ft	
		Field Sample ID	OL-0150-04		OL-0150-05		OL-0150-06		OL-0150-14		OL-0150-15		OL-0150-16	
		Matrix	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
		Sample Purpose	Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample	
		Sample Date	8/17/2006		8/17/2006		8/17/2006		8/17/2006		8/17/2006		8/17/2006	
		Sample Delivery Group	213507|6H180210 C6H180244		213507|6H180210 C6H180244		213507|6H180210 C6H180244		213507|6H180210 C6H180244		213507|6H180210 C6H180244		213507|6H180210 C6H180244	
Parameter Name	Units	Analytical Method												
SOLIDS, PERCENT	%	ASTM D2216	54.8		55.2		57.2		33.1		45.9		38.3	
SOLIDS, PERCENT	%	E160.3	55.3		57.3		53.2		32.7		48.7		38.4	
NITROGEN, AMMONIA (AS N)	mg/kg	E350.1	61		82		53		220	J	96	J	200	J
TOTAL ORGANIC CARBON	mg/kg	Lloyd Kahn	47900		60300		52700		54100	J	53900	J	45500	J
MERCURY	mg/kg	SW7471	0.03	U	0.008	J	0.031	U	11.3	J	1.7	J	2.1	J
AROCLOR-1016	ug/kg	SW8082	30	U	29	U	31	U	50	UJ	34	UJ	43	UJ
AROCLOR-1221	ug/kg	SW8082	30	U	29	U	31	U	50	UJ	34	UJ	43	UJ
AROCLOR-1232	ug/kg	SW8082	30	U	29	U	31	U	50	UJ	34	UJ	43	UJ
AROCLOR-1242	ug/kg	SW8082	30	U	29	U	31	U	50	UJ	34	UJ	43	UJ
AROCLOR-1248	ug/kg	SW8082	30	U	29	U	31	U	50	UJ	34	UJ	43	UJ
AROCLOR-1254	ug/kg	SW8082	30	U	29	U	31	U	50	UJ	34	UJ	43	UJ
AROCLOR-1260	ug/kg	SW8082	30	U	29	U	31	U	50	UJ	34	UJ	43	UJ
AROCLOR-1268	ug/kg	SW8082	30	U	29	U	31	U	50	UJ	34	UJ	43	UJ
PCBS, N.O.S.	ug/kg	SW8082	30	U	29	U	31	U	50	UJ	34	UJ	43	UJ
1,2,3-TRICHLOROBENZENE	ug/kg	SW8260	9	U	8.7	U	9.4	U	760	UJ	5100	UJ	3300	UJ
1,2,4-TRICHLOROBENZENE	ug/kg	SW8260	9	U	8.7	U	9.4	U	760	UJ	5100	UJ	3300	UJ
1,2-DICHLOROBENZENE	ug/kg	SW8260	9	U	8.7	U	9.4	U	1400	J	11000	J	3300	UJ
1,3,5-TRICHLOROBENZENE	ug/kg	SW8260	9	U	8.7	U	9.4	U	760	UJ	5100	UJ	3300	UJ
1,3-DICHLOROBENZENE	ug/kg	SW8260	9	U	8.7	U	9.4	U	270	J	5100	UJ	3300	UJ
1,4-DICHLOROBENZENE	ug/kg	SW8260	9	U	8.7	U	9.4	U	2700	J	12000	J	3300	UJ
BENZENE	ug/kg	SW8260	9	U	8.7	U	9.4	U	430	J	750	J	2700	J
CHLOROBENZENE	ug/kg	SW8260	9	U	8.7	U	9.4	U	1800	J	2100	J	3300	UJ
ETHYLBENZENE	ug/kg	SW8260	9	U	8.7	U	9.4	U	490	J	3200	J	840	J
NAPHTHALENE	ug/kg	SW8260	9	U	8.7	U	9.4	U	20000	J	180000	J	90000	J
TOLUENE	ug/kg	SW8260	9	U	8.7	U	9.4	U	680	J	8600	J	11000	J
XYLENES, TOTAL	ug/kg	SW8260	27	U	26	U	28	U	4300	J	66000	J	17000	J
ACENAPHTHENE	ug/kg	SW8270	6	U	1.9	J	6.3	U	590	J	2100	J	7100	J
ACENAPHTHYLENE	ug/kg	SW8270	6	U	5.8	U	6.3	U	1100	J	4800	J	5200	J
ANTHRACENE	ug/kg	SW8270	6	U	5.8	U	6.3	U	2000	J	6700	J	12000	J
BENZO(A)ANTHRACENE	ug/kg	SW8270	6	U	5.8	U	6.3	U	2000	J	3500	J	10000	J
BENZO(A)PYRENE	ug/kg	SW8270	6	U	5.8	U	6.3	U	1600	J	2300	J	6300	J
BENZO(B)FLUORANTHENE	ug/kg	SW8270	1.3	J	1.4	J	6.3	U	2100	J	3100	J	7500	J
BENZO(G,H,I)PERYLENE	ug/kg	SW8270	6	U	5.8	U	6.3	U	1200	J	1300	J	3400	J
BENZO(K)FLUORANTHENE	ug/kg	SW8270	6	U	5.8	U	6.3	U	790	J	1100	J	3000	J
CHRYSENE	ug/kg	SW8270	6	U	5.8	U	6.3	U	2400	J	3900	J	10000	J
DIBENZO(A,H)ANTHRACENE	ug/kg	SW8270	6	U	5.8	U	6.3	U	320	J	470	J	1300	J
FLUORANTHENE	ug/kg	SW8270	6	U	5.8	U	6.3	U	4300	J	11000	J	27000	J
FLUORENE	ug/kg	SW8270	2.4	J	5.8	U	6.3	U	100	UJ	680	UJ	17000	J
INDENO(1,2,3-CD)PYRENE	ug/kg	SW8270	6	U	5.8	U	6.3	U	970	J	1300	J	3100	J
PHENANTHRENE	ug/kg	SW8270	4.3	J	5	J	3.8	J	4700	J	18000	J	40000	J
PHENOL	ug/kg	SW8270	6.3		5.6	J	3.4	J	150	J	2000	J	720	J
PYRENE	ug/kg	SW8270	6	U	5.8	U	6.3	U	3300	J	5800	J	17000	J
SULFIDE	mg/kg	SW9030	54.3	U	41.9	J	30.1	J	4210	J	854	J	3360	J
pH	S.U.	SW9045	7		7.1		7.1		8.2		10.6		9.4	

Table 3A
Onondaga Lake Phase II Pre-Design Investigation
Summary of Sediment Analytical Results

		Location	OL-VC-20073		OL-VC-20073		OL-VC-20073		OL-VC-20074		OL-VC-20074		OL-VC-20074	
		Sample Depth	9.9-13.2 Ft		13.2-16.5 Ft		16.5-19.3 Ft		0.0-3.3 Ft		3.3-6.6 Ft		6.6-9.9 Ft	
		Field Sample ID	OL-0150-17		OL-0150-18		OL-0150-19		OL-0151-13		OL-0151-14		OL-0151-15	
		Matrix	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
		Sample Purpose	Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample	
		Sample Date	8/17/2006		8/17/2006		8/17/2006		8/17/2006		8/17/2006		8/17/2006	
		Sample Delivery Group	213507|6H180210 C6H180244		213507|6H180210 C6H180244		213507|6H180210 C6H180244		6H180214 C6H180250		6H180214 C6H180250		6H180214 C6H180250	
Parameter Name	Units	Analytical Method												
SOLIDS, PERCENT	%	ASTM D2216	53.9		58.3		61.2		28.5		41		40.1	
SOLIDS, PERCENT	%	E160.3	58.4		57.5		59.1		29.4		44.5		40	J
NITROGEN, AMMONIA (AS N)	mg/kg	E350.1	99		33		19		529	J	207	J	324	J
TOTAL ORGANIC CARBON	mg/kg	Lloyd Kahn	34200		27300		34800		67200	J	77800	J	34600	J
MERCURY	mg/kg	SW7471	0.071		0.019	J	0.012	J	18.2	J	1.7	J	1.8	J
AROCLOR-1016	ug/kg	SW8082	28	U	29	U	28	U	56	UJ	37	UJ	41	UJ
AROCLOR-1221	ug/kg	SW8082	28	U	29	U	28	U	56	UJ	37	UJ	41	UJ
AROCLOR-1232	ug/kg	SW8082	28	U	29	U	28	U	56	UJ	37	UJ	41	UJ
AROCLOR-1242	ug/kg	SW8082	28	U	29	U	28	U	56	UJ	37	UJ	41	UJ
AROCLOR-1248	ug/kg	SW8082	28	U	29	U	28	U	56	UJ	37	UJ	41	UJ
AROCLOR-1254	ug/kg	SW8082	28	U	29	U	28	U	56	UJ	37	UJ	41	UJ
AROCLOR-1260	ug/kg	SW8082	28	U	29	U	28	U	510	J	57	J	41	UJ
AROCLOR-1268	ug/kg	SW8082	28	U	29	U	28	U	56	UJ	37	UJ	41	UJ
PCBS, N.O.S.	ug/kg	SW8082	28	U	29	U	28	U	510	J	57	J	41	UJ
1,2,3-TRICHLOROBENZENE	ug/kg	SW8260	430	UJ	8.7	U	8.5	U	850	UJ	2800	UJ	630	UJ
1,2,4-TRICHLOROBENZENE	ug/kg	SW8260	430	U	8.7	U	8.5	U	850	UJ	2800	UJ	630	UJ
1,2-DICHLOROBENZENE	ug/kg	SW8260	430	U	8.7	U	8.5	U	150	J	1200	J	91	J
1,3,5-TRICHLOROBENZENE	ug/kg	SW8260	430	U	8.7	U	8.5	U	850	UJ	2800	UJ	630	UJ
1,3-DICHLOROBENZENE	ug/kg	SW8260	430	U	8.7	U	8.5	U	180	J	530	J	630	UJ
1,4-DICHLOROBENZENE	ug/kg	SW8260	430	U	8.7	U	8.5	U	950	J	4100	J	370	J
BENZENE	ug/kg	SW8260	93	J	8.7	U	8.5	U	160	J	460	J	120	J
CHLOROBENZENE	ug/kg	SW8260	430	U	8.7	U	8.5	U	2100	J	3400	J	190	J
ETHYLBENZENE	ug/kg	SW8260	430	U	8.7	U	8.5	U	850	UJ	1800	J	180	J
NAPHTHALENE	ug/kg	SW8260	740	J	8.7	U	8.5	U	720	J	76000	J	14000	J
TOLUENE	ug/kg	SW8260	88	J	8.7	U	8.5	U	850	UJ	890	J	180	J
XYLENES, TOTAL	ug/kg	SW8260	230	J	26	U	25	U	2500	UJ	18000	J	850	J
ACENAPHTHENE	ug/kg	SW8270	12		12	U	11	U	490	J	2100	J	1300	J
ACENAPHTHYLENE	ug/kg	SW8270	7.3	J	12	U	11	U	880	J	2100	J	1500	J
ANTHRACENE	ug/kg	SW8270	29		12	U	11	U	2500	J	4200	J	4300	J
BENZO(A)ANTHRACENE	ug/kg	SW8270	69		12	U	11	U	1800	J	2400	J	5100	J
BENZO(A)PYRENE	ug/kg	SW8270	81		12	U	11	U	1500	J	1400	J	3500	J
BENZO(B)FLUORANTHENE	ug/kg	SW8270	68		2.2	J	11	U	2200	J	2000	J	3900	J
BENZO(G,H,I)PERYLENE	ug/kg	SW8270	60		12	U	11	U	900	J	700	J	1700	J
BENZO(K)FLUORANTHENE	ug/kg	SW8270	23		12	U	11	U	830	J	920	J	1400	J
CHRYSENE	ug/kg	SW8270	65		12	U	11	U	2300	J	2700	J	4600	J
DIBENZO(A,H)ANTHRACENE	ug/kg	SW8270	14		12	U	11	U	250	J	280	J	510	J
FLUORANTHENE	ug/kg	SW8270	90		12	U	11	U	4700	J	7800	J	11000	J
FLUORENE	ug/kg	SW8270	23		4.5	J	11	U	840	J	4400	J	2800	J
INDENO(1,2,3-CD)PYRENE	ug/kg	SW8270	40		12	U	11	U	750	J	680	J	1400	J
PHENANTHRENE	ug/kg	SW8270	77		7.5	J	6.1	J	3700	J	11000	J	11000	J
PHENOL	ug/kg	SW8270	7	J	12	U	11	U	570	UJ	750	UJ	830	UJ
PYRENE	ug/kg	SW8270	120		2.5	J	11	U	4500	J	6100	J	11000	J
SULFIDE	mg/kg	SW9030	233		41.8	J	40.6	J	109	J	2160	J	3420	J
pH	S.U.	SW9045	8.2		7.9		7.8		8.4		8.7		9.2	

Table 3A
Onondaga Lake Phase II Pre-Design Investigation
Summary of Sediment Analytical Results

		Location	OL-VC-20074		OL-VC-20074		OL-VC-20074		OL-VC-20074		OL-VC-20075		OL-VC-20075	
		Sample Depth	6.6-9.9 Ft		9.9-13.2 Ft		13.2-16.5 Ft		16.5-18.1 Ft		0.0-3.3 Ft		3.3-6.6 Ft	
		Field Sample ID	OL-0151-16		OL-0151-17		OL-0151-18		OL-0151-19		OL-0149-14		OL-0149-15	
		Matrix	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
		Sample Purpose	Field Duplicate		Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample	
		Sample Date	8/17/2006		8/17/2006		8/17/2006		8/17/2006		8/17/2006		8/17/2006	
		Sample Delivery Group	6H180214 C6H180250		6H180214 C6H180250		6H180214 C6H180250		6H180214 C6H180250		213506|6H180201 C6H180239		213506|6H180201 C6H180239	
Parameter Name	Units	Analytical Method												
SOLIDS, PERCENT	%	ASTM D2216	39.7		54.1		57		60.4		32.2		36.5	
SOLIDS, PERCENT	%	E160.3	40.3		55.5		57.5		61.2		25.3		33	
NITROGEN, AMMONIA (AS N)	mg/kg	E350.1	335	J	167		70.2		43.1		580	J	78	J
TOTAL ORGANIC CARBON	mg/kg	Lloyd Kahn	47100	J	30700		22600		26300		65400	J	35900	J
MERCURY	mg/kg	SW7471	1.8	J	0.029	J	0.019	J	0.016	J	15	J	1.9	J
AROCLOR-1016	ug/kg	SW8082	41	UJ	30	U	29	U	27	U	65	UJ	50	UJ
AROCLOR-1221	ug/kg	SW8082	41	UJ	30	U	29	U	27	U	65	UJ	50	UJ
AROCLOR-1232	ug/kg	SW8082	41	UJ	30	U	29	U	27	U	65	UJ	50	UJ
AROCLOR-1242	ug/kg	SW8082	41	UJ	30	U	29	U	27	U	65	UJ	50	UJ
AROCLOR-1248	ug/kg	SW8082	41	UJ	30	U	29	U	27	U	65	UJ	50	UJ
AROCLOR-1254	ug/kg	SW8082	41	UJ	30	U	29	U	27	U	65	UJ	50	UJ
AROCLOR-1260	ug/kg	SW8082	41	UJ	30	U	29	U	27	U	65	UJ	50	UJ
AROCLOR-1268	ug/kg	SW8082	41	UJ	30	U	29	U	27	U	65	UJ	50	UJ
PCBS, N.O.S.	ug/kg	SW8082	41	UJ	30	U	29	U	27	U	65	UJ	50	UJ
1,2,3-TRICHLOROBENZENE	ug/kg	SW8260	3100	UJ	9	U	8.7	U	8.2	U	990	UJ	7600	UJ
1,2,4-TRICHLOROBENZENE	ug/kg	SW8260	3100	UJ	9	U	8.7	U	8.2	U	550	J	7600	UJ
1,2-DICHLOROBENZENE	ug/kg	SW8260	620	J	9	U	8.7	U	8.2	U	300	J	2600	J
1,3,5-TRICHLOROBENZENE	ug/kg	SW8260	3100	UJ	9	U	8.7	U	8.2	U	990	UJ	7600	UJ
1,3-DICHLOROBENZENE	ug/kg	SW8260	3100	UJ	9	U	8.7	U	8.2	U	160	J	7600	UJ
1,4-DICHLOROBENZENE	ug/kg	SW8260	670	J	9	U	8.7	U	8.2	U	1100	J	3400	J
BENZENE	ug/kg	SW8260	3100	UJ	9	U	8.7	U	8.2	U	120	J	2000	J
CHLOROBENZENE	ug/kg	SW8260	3100	UJ	9	U	8.7	U	8.2	U	6200	J	7600	UJ
ETHYLBENZENE	ug/kg	SW8260	390	J	9	U	8.7	U	8.2	U	990	UJ	1900	J
NAPHTHALENE	ug/kg	SW8260	48000	J	9	U	8.7	U	8.2	U	5100	J	240000	J
TOLUENE	ug/kg	SW8260	390	J	9	U	8.7	U	8.2	U	990	UJ	2800	J
XYLENES, TOTAL	ug/kg	SW8260	4400	J	27	U	26	U	25	U	3000	UJ	28000	J
ACENAPHTHENE	ug/kg	SW8270	1300	J	11	J	7.1	J	4.6	J	150	J	3400	J
ACENAPHTHYLENE	ug/kg	SW8270	1500	J	7.4	J	12	U	11	U	200	J	2600	J
ANTHRACENE	ug/kg	SW8270	4300	J	26		5.1	J	11	U	610	J	6500	J
BENZO(A)ANTHRACENE	ug/kg	SW8270	4900	J	31		4.3	J	14		500	J	4100	J
BENZO(A)PYRENE	ug/kg	SW8270	3400	J	21		12	U	15		360	J	2600	J
BENZO(B)FLUORANTHENE	ug/kg	SW8270	4600	J	28		5.9	J	17		510	J	2900	J
BENZO(G,H,I)PERYLENE	ug/kg	SW8270	1600	J	11	J	12	U	7.9	J	200	J	1200	J
BENZO(K)FLUORANTHENE	ug/kg	SW8270	830	UJ	12	U	12	U	8.4	J	190	J	1300	J
CHRYSENE	ug/kg	SW8270	4600	J	28		4.9	J	12		560	J	4200	J
DIBENZO(A,H)ANTHRACENE	ug/kg	SW8270	480	J	3.2	J	12	U	11	U	70	J	370	J
FLUORANTHENE	ug/kg	SW8270	10000	J	64		12		20		1100	J	12000	J
FLUORENE	ug/kg	SW8270	2700	J	20		10	J	5.6	J	130	UJ	7400	J
INDENO(1,2,3-CD)PYRENE	ug/kg	SW8270	1300	J	8.7	J	12	U	7.9	J	170	J	990	J
PHENANTHRENE	ug/kg	SW8270	10000	J	63		22		13		960	J	22000	J
PHENOL	ug/kg	SW8270	830	UJ	5	J	7	J	4.6	J	130	UJ	250	J
PYRENE	ug/kg	SW8270	10000	J	59		9.1	J	17		980	J	11000	J
SULFIDE	mg/kg	SW9030	3530	J	54.1	U	125		78.5		6870	J	1580	J
pH	S.U.	SW9045	9.2		8.1		7.9		7.8		8.3		10.1	

Table 3A
Onondaga Lake Phase II Pre-Design Investigation
Summary of Sediment Analytical Results

		Location	OL-VC-20075		OL-VC-20075		OL-VC-20075		OL-VC-20075		OL-VC-20076		OL-VC-20076	
		Sample Depth	6.6-9.9 Ft		9.9-13.2 Ft		13.2-16.5 Ft		16.5-17.2 Ft		0.0-3.3 Ft		3.3-6.6 Ft	
		Field Sample ID	OL-0149-16		OL-0149-17		OL-0149-18		OL-0149-19		OL-0152-07		OL-0152-08	
		Matrix	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
		Sample Purpose	Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample	
		Sample Date	8/17/2006		8/17/2006		8/17/2006		8/17/2006		8/18/2006		8/18/2006	
		Sample Delivery Group	213506|6H180201 C6H180239		213506|6H180201 C6H180239		213506|6H180201 C6H180239		213506|6H180201 C6H180239		6H190153 C6H190162		6H190153 C6H190162	
Parameter Name	Units	Analytical Method												
SOLIDS, PERCENT	%	ASTM D2216	43		47.4		59.8		60		30.4		41.3	
SOLIDS, PERCENT	%	E160.3	40.5		57		59.9		59.9		29.2		38.8	
NITROGEN, AMMONIA (AS N)	mg/kg	E350.1	200	J	220		130		120		583	J	584	J
TOTAL ORGANIC CARBON	mg/kg	Lloyd Kahn	52500	J	41400	J	37500		25400		70200	J	60000	J
MERCURY	mg/kg	SW7471	1.7	J	0.025	J	0.019	J	0.02	J	19.9	J	2.2	J
AROCLOR-1016	ug/kg	SW8082	41	UJ	29	U	28	U	28	U	340	UJ	42	UJ
AROCLOR-1221	ug/kg	SW8082	41	UJ	29	U	28	U	28	U	340	UJ	42	UJ
AROCLOR-1232	ug/kg	SW8082	41	UJ	29	U	28	U	28	U	340	UJ	42	UJ
AROCLOR-1242	ug/kg	SW8082	41	UJ	29	U	28	U	28	U	340	UJ	42	UJ
AROCLOR-1248	ug/kg	SW8082	41	UJ	29	U	28	U	28	U	3800	J	42	UJ
AROCLOR-1254	ug/kg	SW8082	41	UJ	29	U	28	U	28	U	1900	J	140	J
AROCLOR-1260	ug/kg	SW8082	41	UJ	29	U	28	U	28	U	340	UJ	42	UJ
AROCLOR-1268	ug/kg	SW8082	41	UJ	29	U	28	U	28	U	340	UJ	42	UJ
PCBS, N.O.S.	ug/kg	SW8082	41	UJ	29	U	28	U	28	U	5700	J	140	J
1,2,3-TRICHLOROBENZENE	ug/kg	SW8260	3100	UJ	440	UJ	8.4	U	8.4	U	850	UJ	630	UJ
1,2,4-TRICHLOROBENZENE	ug/kg	SW8260	3100	UJ	440	U	8.4	U	8.4	U	850	UJ	630	UJ
1,2-DICHLOROBENZENE	ug/kg	SW8260	380	J	440	U	8.4	U	8.4	U	850	UJ	300	J
1,3,5-TRICHLOROBENZENE	ug/kg	SW8260	3100	UJ	440	U	8.4	U	8.4	U	850	UJ	51	J
1,3-DICHLOROBENZENE	ug/kg	SW8260	3100	UJ	440	U	8.4	U	8.4	U	71	J	120	J
1,4-DICHLOROBENZENE	ug/kg	SW8260	520	J	440	U	8.4	U	8.4	U	370	J	420	J
BENZENE	ug/kg	SW8260	3500	J	240	J	8.4	U	8.4	U	200	J	310	J
CHLOROBENZENE	ug/kg	SW8260	3100	UJ	440	U	8.4	U	8.4	U	19000	J	650	J
ETHYLBENZENE	ug/kg	SW8260	3600	J	440	U	8.4	U	8.4	U	850	UJ	270	J
NAPHTHALENE	ug/kg	SW8260	70000	J	2700	J	29		8.4	U	850	UJ	17000	J
TOLUENE	ug/kg	SW8260	7800	J	72	J	1.8	J	8.4	U	850	UJ	49	J
XYLENES, TOTAL	ug/kg	SW8260	47000	J	460	J	8.2	J	25	U	140	J	1400	J
ACENAPHTHENE	ug/kg	SW8270	2200	J	8.2	J	5.2	J	5.8	J	190	J	2000	J
ACENAPHTHYLENE	ug/kg	SW8270	5300	J	12	U	11	U	11	U	380	J	1700	J
ANTHRACENE	ug/kg	SW8270	12000	J	9.3	J	4.1	J	6.8	J	1600	J	3400	J
BENZO(A)ANTHRACENE	ug/kg	SW8270	6500	J	9.1	J	3.7	J	5	J	940	J	3000	J
BENZO(A)PYRENE	ug/kg	SW8270	3300	J	7.3	J	11	U	11	U	940	J	2000	J
BENZO(B)FLUORANTHENE	ug/kg	SW8270	4100	J	9.6	J	4.9	J	4.3	J	1700	J	2200	J
BENZO(G,H,I)PERYLENE	ug/kg	SW8270	1300	J	4	J	2.1	J	11	U	380	J	940	J
BENZO(K)FLUORANTHENE	ug/kg	SW8270	2000	J	12	U	11	U	11	U	110	UJ	890	J
CHRYSENE	ug/kg	SW8270	7400	J	8.5	J	4.8	J	4.5	J	1300	J	3300	J
DIBENZO(A,H)ANTHRACENE	ug/kg	SW8270	850	J	12	U	11	U	11	U	120	J	300	J
FLUORANTHENE	ug/kg	SW8270	16000	J	20		8.6	J	13		2500	J	6400	J
FLUORENE	ug/kg	SW8270	15000	J	14		8.2	J	11		110	UJ	860	UJ
INDENO(1,2,3-CD)PYRENE	ug/kg	SW8270	1600	J	3	J	11	U	11	U	330	J	820	J
PHENANTHRENE	ug/kg	SW8270	28000	J	31		16		24		1800	J	7600	J
PHENOL	ug/kg	SW8270	820	UJ	6.4	J	4.9	J	11	UJ	110	UJ	860	UJ
PYRENE	ug/kg	SW8270	13000	J	20	J	6.9	J	10	J	1800	J	6100	J
SULFIDE	mg/kg	SW9030	2720	J	28.1	J	40.1	J	80.2		6570	J	4100	J
pH	S.U.	SW9045	9.2		8.1		7.9		8		7.9		8	

Table 3A
Onondaga Lake Phase II Pre-Design Investigation
Summary of Sediment Analytical Results

		Location	OL-VC-20076		OL-VC-20076		OL-VC-20076		OL-VC-20076		OL-VC-20076		OL-VC-20077	
		Sample Depth	6.6-9.9 Ft		6.6-9.9 Ft		9.9-13.2 Ft		13.2-16.5 Ft		16.5-19.7 Ft		0.0-3.3 Ft	
		Field Sample ID	OL-0152-09		OL-0152-10		OL-0152-11		OL-0152-12		OL-0152-13		OL-0150-07	
		Matrix	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
		Sample Purpose	Regular Sample		Field Duplicate		Regular Sample		Regular Sample		Regular Sample		Regular Sample	
		Sample Date	8/18/2006		8/18/2006		8/18/2006		8/18/2006		8/18/2006		8/17/2006	
		Sample Delivery Group	6H190153 C6H190162		6H190153 C6H190162		6H190153 C6H190162		6H190153 C6H190162		6H190153 C6H190162		213507|6H180210 C6H180244	
Parameter Name	Units	Analytical Method												
SOLIDS, PERCENT	%	ASTM D2216	43.8		45		51.8		58.2		58.5		26.7	
SOLIDS, PERCENT	%	E160.3	43.3		46.5		54.1		56.4		59.7		24	
NITROGEN, AMMONIA (AS N)	mg/kg	E350.1	311	J	285	J	152	J	79.4	J	45.6	J	900	J
TOTAL ORGANIC CARBON	mg/kg	Lloyd Kahn	26600	J	35800	J	40800		36900		39000		75400	J
MERCURY	mg/kg	SW7471	1.2	J	1.3	J	0.023	J	0.024	J	0.014	J	22.5	J
AROCLOR-1016	ug/kg	SW8082	38	UJ	35	UJ	30	U	29	U	28	U	980	J
AROCLOR-1221	ug/kg	SW8082	38	UJ	35	UJ	30	U	29	U	28	U	69	UJ
AROCLOR-1232	ug/kg	SW8082	38	UJ	35	UJ	30	U	29	U	28	U	69	UJ
AROCLOR-1242	ug/kg	SW8082	38	UJ	35	UJ	30	U	29	U	28	U	69	UJ
AROCLOR-1248	ug/kg	SW8082	38	UJ	35	UJ	30	U	29	U	28	U	69	UJ
AROCLOR-1254	ug/kg	SW8082	38	UJ	35	UJ	30	U	29	U	28	U	69	UJ
AROCLOR-1260	ug/kg	SW8082	38	UJ	35	UJ	30	U	29	U	28	U	450	J
AROCLOR-1268	ug/kg	SW8082	38	UJ	35	UJ	30	U	29	U	28	U	69	UJ
PCBS, N.O.S.	ug/kg	SW8082	38	UJ	35	UJ	30	U	29	U	28	U	1430	J
1,2,3-TRICHLOROBENZENE	ug/kg	SW8260	2900	UJ	3600	UJ	9.2	U	8.9	U	8.4	U	1000	UJ
1,2,4-TRICHLOROBENZENE	ug/kg	SW8260	2900	UJ	3600	UJ	9.2	U	8.9	U	8.4	U	1000	UJ
1,2-DICHLOROBENZENE	ug/kg	SW8260	2900	UJ	3600	UJ	9.2	U	8.9	U	8.4	U	1000	UJ
1,3,5-TRICHLOROBENZENE	ug/kg	SW8260	2900	UJ	3600	UJ	9.2	U	8.9	U	8.4	U	1000	UJ
1,3-DICHLOROBENZENE	ug/kg	SW8260	2900	UJ	3600	UJ	9.2	U	8.9	U	8.4	U	1000	UJ
1,4-DICHLOROBENZENE	ug/kg	SW8260	190	J	3600	UJ	9.2	U	8.9	U	8.4	U	330	J
BENZENE	ug/kg	SW8260	520	J	570	J	5.4	J	8.9	U	8.4	U	230	J
CHLOROBENZENE	ug/kg	SW8260	250	J	470	J	9.2	U	8.9	U	8.4	U	22000	J
ETHYLBENZENE	ug/kg	SW8260	780	J	990	J	9.2	U	8.9	U	8.4	U	1000	UJ
NAPHTHALENE	ug/kg	SW8260	67000	J	83000	J	9.2	U	8.9	U	8.4	U	1000	UJ
TOLUENE	ug/kg	SW8260	2900	UJ	170	J	9.2	U	8.9	U	8.4	U	1000	UJ
XYLENES, TOTAL	ug/kg	SW8260	8900	J	10000	J	18	U	18	U	17	U	3100	UJ
ACENAPHTHENE	ug/kg	SW8270	1100	J	1000	J	5.8	J	12	U	11	U	300	J
ACENAPHTHYLENE	ug/kg	SW8270	760	J	620	J	12	U	12	U	11	U	550	J
ANTHRACENE	ug/kg	SW8270	2800	J	2500	J	8.3	J	12	U	11	U	1900	J
BENZO(A)ANTHRACENE	ug/kg	SW8270	2900	J	2500	J	7.9	J	12	U	11	U	1500	J
BENZO(A)PYRENE	ug/kg	SW8270	2100	J	1900	J	5.2	J	12	U	11	U	1300	J
BENZO(B)FLUORANTHENE	ug/kg	SW8270	2200	J	1900	J	6.9	J	12	U	11	U	1800	J
BENZO(G,H,I)PERYLENE	ug/kg	SW8270	1200	J	1100	J	3.1	J	12	U	11	U	1000	J
BENZO(K)FLUORANTHENE	ug/kg	SW8270	740	J	700	J	12	U	12	U	11	U	790	J
CHRYSENE	ug/kg	SW8270	2700	J	2400	J	8.3	J	12	U	11	U	2100	J
DIBENZO(A,H)ANTHRACENE	ug/kg	SW8270	340	J	300	J	12	U	12	U	11	U	290	J
FLUORANTHENE	ug/kg	SW8270	6900	J	5700	J	18		12	U	11	U	3800	J
FLUORENE	ug/kg	SW8270	2400	J	2100	J	11	J	12	U	11	U	25000	J
INDENO(1,2,3-CD)PYRENE	ug/kg	SW8270	900	J	790	J	12	U	12	U	11	U	840	J
PHENANTHRENE	ug/kg	SW8270	8200	J	7200	J	25		6.2	J	4.1	J	3200	J
PHENOL	ug/kg	SW8270	770	UJ	720	UJ	12	U	12	U	11	U	560	UJ
PYRENE	ug/kg	SW8270	5600	J	4800	J	12	J	12	UJ	11	UJ	3100	J
SULFIDE	mg/kg	SW9030	1790	J	1860	J	73.9	J	56.7	J	50.2	UJ	7210	J
pH	S.U.	SW9045	7.9		7.7		7.7		7.8		7.7		8	

Table 3A
Onondaga Lake Phase II Pre-Design Investigation
Summary of Sediment Analytical Results

		Location	OL-VC-20077		OL-VC-20077		OL-VC-20077		OL-VC-20077		OL-VC-20077		OL-VC-20077	
		Sample Depth	3.3-6.6 Ft		6.6-9.9 Ft		6.6-9.9 Ft		9.9-13.2 Ft		13.2-16.5 Ft		16.5-17.3 Ft	
		Field Sample ID	OL-0150-08		OL-0150-09		OL-0150-10		OL-0150-11		OL-0150-12		OL-0150-13	
		Matrix	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
		Sample Purpose	Regular Sample		Regular Sample		Field Duplicate		Regular Sample		Regular Sample		Regular Sample	
		Sample Date	8/17/2006		8/17/2006		8/17/2006		8/17/2006		8/17/2006		8/17/2006	
		Sample Delivery Group	213507|6H180210 C6H180244		213507|6H180210 C6H180244		213507|6H180210 C6H180244		213507|6H180210 C6H180244		213507|6H180210 C6H180244		213507|6H180210 C6H180244	
Parameter Name	Units	Analytical Method												
SOLIDS, PERCENT	%	ASTM D2216	39.8		44.5		45.8		53.7		58.3		58	
SOLIDS, PERCENT	%	E160.3	39.5		43.8		43.7		53.3		59		60.4	
NITROGEN, AMMONIA (AS N)	mg/kg	E350.1	360	J	230	J	230	J	98		49		31	
TOTAL ORGANIC CARBON	mg/kg	Lloyd Kahn	59400	J	53600	J	57100	J	34500		29700		36900	
MERCURY	mg/kg	SW7471	2.2	J	2.8	J	2.8	J	0.059		0.018	J	0.015	J
AROCLOR-1016	ug/kg	SW8082	42	UJ	38	UJ	38	UJ	31	U	28	U	27	U
AROCLOR-1221	ug/kg	SW8082	42	UJ	38	UJ	38	UJ	31	U	28	U	27	U
AROCLOR-1232	ug/kg	SW8082	42	UJ	38	UJ	38	UJ	31	U	28	U	27	U
AROCLOR-1242	ug/kg	SW8082	42	UJ	38	UJ	38	UJ	31	U	28	U	27	U
AROCLOR-1248	ug/kg	SW8082	42	UJ	38	UJ	38	UJ	31	U	28	U	27	U
AROCLOR-1254	ug/kg	SW8082	42	UJ	38	UJ	38	UJ	31	U	28	U	27	U
AROCLOR-1260	ug/kg	SW8082	42	UJ	38	UJ	38	UJ	31	U	28	U	27	U
AROCLOR-1268	ug/kg	SW8082	42	UJ	38	UJ	38	UJ	31	U	28	U	27	U
PCBS, N.O.S.	ug/kg	SW8082	42	UJ	38	UJ	38	UJ	31	U	28	U	27	U
1,2,3-TRICHLOROBENZENE	ug/kg	SW8260	1300	UJ	2900	UJ	5700	UJ	470	UJ	8.5	U	8.3	U
1,2,4-TRICHLOROBENZENE	ug/kg	SW8260	1300	UJ	2900	UJ	5700	UJ	470	U	8.5	U	8.3	U
1,2-DICHLOROBENZENE	ug/kg	SW8260	800	J	2900	UJ	5700	UJ	470	U	8.5	U	8.3	U
1,3,5-TRICHLOROBENZENE	ug/kg	SW8260	1300	UJ	2900	UJ	5700	UJ	470	U	8.5	U	8.3	U
1,3-DICHLOROBENZENE	ug/kg	SW8260	1300	UJ	2900	UJ	5700	UJ	470	U	8.5	U	8.3	U
1,4-DICHLOROBENZENE	ug/kg	SW8260	800	J	2900	UJ	5700	UJ	470	U	8.5	U	8.3	U
BENZENE	ug/kg	SW8260	1600	J	1500	J	3200	J	170	J	8.5	U	8.3	U
CHLOROBENZENE	ug/kg	SW8260	810	J	2900	UJ	5700	UJ	470	U	8.5	U	8.3	U
ETHYLBENZENE	ug/kg	SW8260	1400	J	1300	J	2400	J	470	U	8.5	U	8.3	U
NAPHTHALENE	ug/kg	SW8260	45000	J	81000	J	100000	J	440	J	8.5	U	8.3	U
TOLUENE	ug/kg	SW8260	1100	J	1000	J	2100	J	470	U	8.5	U	8.3	U
XYLENES, TOTAL	ug/kg	SW8260	14000	J	15000	J	28000	J	230	J	25	U	25	U
ACENAPHTHENE	ug/kg	SW8270	1000	J	24000	J	23000	J	31		11	U	4.3	J
ACENAPHTHYLENE	ug/kg	SW8270	1200	J	2400	J	2100	J	9.4	J	11	U	11	U
ANTHRACENE	ug/kg	SW8270	2600	J	27000	J	27000	J	31		11	U	3.3	J
BENZO(A)ANTHRACENE	ug/kg	SW8270	2600	J	22000	J	19000	J	53		11	U	3.2	J
BENZO(A)PYRENE	ug/kg	SW8270	2000	J	10000	J	8800	J	49		11	U	11	U
BENZO(B)FLUORANTHENE	ug/kg	SW8270	2500	J	16000	J	14000	J	53		2.9	J	3.5	J
BENZO(G,H,I)PERYLENE	ug/kg	SW8270	1300	J	3000	J	3300	J	33		11	U	11	U
BENZO(K)FLUORANTHENE	ug/kg	SW8270	1000	J	5800	J	5800	J	25		11	U	11	U
CHRYSENE	ug/kg	SW8270	3000	J	20000	J	20000	J	48		2.8	J	3.5	J
DIBENZO(A,H)ANTHRACENE	ug/kg	SW8270	360	J	1600	J	1500	J	8.1	J	11	U	11	U
FLUORANTHENE	ug/kg	SW8270	5700	J	72000	J	79000	J	110		5.8	J	9.7	J
FLUORENE	ug/kg	SW8270	420	UJ	33000	J	32000	J	49		5.1	J	6.7	J
INDENO(1,2,3-CD)PYRENE	ug/kg	SW8270	1100	J	3400	J	3500	J	28		11	U	11	U
PHENANTHRENE	ug/kg	SW8270	7500	J	110000	J	96000	J	130		12		19	
PHENOL	ug/kg	SW8270	420	UJ	1500	UJ	760	UJ	7.4	J	11	U	5.7	J
PYRENE	ug/kg	SW8270	4800	J	58000	J	55000	J	82		3.3	J	6.1	J
SULFIDE	mg/kg	SW9030	4210	J	3050	J	2510	J	150		50.8	U	49.7	U
pH	S.U.	SW9045	7.9		8.2		8.3		7.7		7.2		7.4	

Table 3A
Onondaga Lake Phase II Pre-Design Investigation
Summary of Sediment Analytical Results

		Location	OL-VC-20078		OL-VC-20078		OL-VC-20078		OL-VC-20078		OL-VC-20078		OL-VC-20078	
		Sample Depth	0.0-3.3 Ft		3.3-6.6 Ft		6.6-9.9 Ft		9.9-13.2 Ft		13.2-16.5 Ft		16.5-19.8 Ft	
		Field Sample ID	OL-0152-01		OL-0152-02		OL-0152-03		OL-0152-04		OL-0152-05		OL-0152-06	
		Matrix	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
		Sample Purpose	Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample	
		Sample Date	8/18/2006		8/18/2006		8/18/2006		8/18/2006		8/18/2006		8/18/2006	
		Sample Delivery Group	6H190153 C6H190162		6H190153 C6H190162		6H190153 C6H190162		6H190153 C6H190162		6H190153 C6H190162		6H190153 C6H190162	
Parameter Name	Units	Analytical Method												
SOLIDS, PERCENT	%	ASTM D2216	32.7		39.5		31.7		42.4		53.1		56	
SOLIDS, PERCENT	%	E160.3	31.6		36.8		28.8		42.4		54		57.7	
NITROGEN, AMMONIA (AS N)	mg/kg	E350.1	682	J	465	J	282	J	242	J	171	J	55.8	J
TOTAL ORGANIC CARBON	mg/kg	Lloyd Kahn	66500	J	51900	J	19400	J	37400	J	38400		35700	
MERCURY	mg/kg	SW7471	14.8	J	2.1	J	1.6	J	0.47	J	0.027	J	0.021	J
AROCLOR-1016	ug/kg	SW8082	52	UJ	45	UJ	57	UJ	39	UJ	31	U	29	U
AROCLOR-1221	ug/kg	SW8082	52	UJ	45	UJ	57	UJ	39	UJ	31	U	29	U
AROCLOR-1232	ug/kg	SW8082	52	UJ	45	UJ	57	UJ	39	UJ	31	U	29	U
AROCLOR-1242	ug/kg	SW8082	52	UJ	45	UJ	57	UJ	39	UJ	31	U	29	U
AROCLOR-1248	ug/kg	SW8082	1000	J	45	UJ	57	UJ	39	UJ	31	U	29	U
AROCLOR-1254	ug/kg	SW8082	520	J	45	UJ	57	UJ	39	UJ	31	U	29	U
AROCLOR-1260	ug/kg	SW8082	52	UJ	45	UJ	57	UJ	39	UJ	31	U	29	U
AROCLOR-1268	ug/kg	SW8082	52	UJ	45	UJ	57	UJ	39	UJ	31	U	29	U
PCBS, N.O.S.	ug/kg	SW8082	1520	J	45	UJ	57	UJ	39	UJ	31	U	29	U
1,2,3-TRICHLOROBENZENE	ug/kg	SW8260	780	UJ	6700	UJ	8600	UJ	580	UJ	9.3	U	8.7	U
1,2,4-TRICHLOROBENZENE	ug/kg	SW8260	780	UJ	6700	UJ	8600	UJ	580	UJ	9.3	U	8.7	U
1,2-DICHLOROBENZENE	ug/kg	SW8260	150	J	1200	J	8600	UJ	48	J	9.3	U	8.7	U
1,3,5-TRICHLOROBENZENE	ug/kg	SW8260	100	J	6700	UJ	8600	UJ	580	UJ	9.3	U	8.7	U
1,3-DICHLOROBENZENE	ug/kg	SW8260	220	J	6700	UJ	8600	UJ	580	UJ	9.3	U	8.7	U
1,4-DICHLOROBENZENE	ug/kg	SW8260	940	J	1400	J	8600	UJ	580	UJ	9.3	U	8.7	U
BENZENE	ug/kg	SW8260	150	J	720	J	400	J	110	J	12		8.7	U
CHLOROBENZENE	ug/kg	SW8260	1200	J	6700	UJ	8600	UJ	580	UJ	9.3	U	8.7	U
ETHYLBENZENE	ug/kg	SW8260	780	UJ	2300	J	540	J	41	J	9.3	U	8.7	U
NAPHTHALENE	ug/kg	SW8260	780	UJ	150000	J	210000	J	3500	J	2.3	J	8.7	U
TOLUENE	ug/kg	SW8260	780	UJ	1800	J	1400	J	180	J	4.8	J	8.7	U
XYLENES, TOTAL	ug/kg	SW8260	180	J	21000		7700	J	340	J	5.4	J	17	U
ACENAPHTHENE	ug/kg	SW8270	460	J	3000	J	11000	J	480	J	6.7	J	12	U
ACENAPHTHYLENE	ug/kg	SW8270	820	J	3000	J	2500	J	900	J	12	U	12	U
ANTHRACENE	ug/kg	SW8270	2600	J	8600	J	8400	J	1700	J	24		12	U
BENZO(A)ANTHRACENE	ug/kg	SW8270	1700	J	8200	J	3700	J	1800	J	12		12	U
BENZO(A)PYRENE	ug/kg	SW8270	1500	J	4400	J	2300	J	1600	J	11	J	12	U
BENZO(B)FLUORANTHENE	ug/kg	SW8270	2100	J	6100	J	3100	J	1200	J	12		12	U
BENZO(G,H,I)PERYLENE	ug/kg	SW8270	900	J	1800	J	1200	J	860	J	6.3	J	12	U
BENZO(K)FLUORANTHENE	ug/kg	SW8270	910	J	2100	J	1200	J	400	J	12	U	12	U
CHRYSENE	ug/kg	SW8270	2300	J	7000	J	3500	J	1600	J	14		12	U
DIBENZO(A,H)ANTHRACENE	ug/kg	SW8270	260	J	750	J	410	J	200	J	12	U	12	U
FLUORANTHENE	ug/kg	SW8270	4500	J	18000	J	14000	J	2800	J	21		12	U
FLUORENE	ug/kg	SW8270	700	J	6100	J	17000	J	1200	J	10	J	12	U
INDENO(1,2,3-CD)PYRENE	ug/kg	SW8270	720	J	1900	J	990	J	540	J	4.1	J	12	U
PHENANTHRENE	ug/kg	SW8270	3300	J	18000	J	31000	J	5200	J	38		3.5	J
PHENOL	ug/kg	SW8270	530	UJ	400	J	1800	J	320	J	9	J	12	UJ
PYRENE	ug/kg	SW8270	3900	J	14000	J	8100	J	5200	J	26		12	U
SULFIDE	mg/kg	SW9030	5400	J	4060	J	111	J	943	J	178	J	69.3	J
pH	S.U.	SW9045	7.4		8.6		10.7		10.3		8.2		8	

Table 3A
Onondaga Lake Phase II Pre-Design Investigation
Summary of Sediment Analytical Results

		Location	OL-VC-20079		OL-VC-20079		OL-VC-20079		OL-VC-20079		OL-VC-20079		OL-VC-20079	
		Sample Depth	0.0-3.3 Ft		3.3-6.6 Ft		6.6-9.9 Ft		9.9-13.2 Ft		13.2-16.5 Ft		16.5-19.8 Ft	
		Field Sample ID	OL-0151-01		OL-0151-02		OL-0151-03		OL-0151-04		OL-0151-05		OL-0151-06	
		Matrix	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
		Sample Purpose	Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample	
		Sample Date	8/17/2006		8/17/2006		8/17/2006		8/17/2006		8/17/2006		8/17/2006	
		Sample Delivery Group	6H180214 C6H180250		6H180214 C6H180250		6H180214 C6H180250		6H180214 C6H180250		6H180214 C6H180250		6H180214 C6H180250	
Parameter Name	Units	Analytical Method												
SOLIDS, PERCENT	%	ASTM D2216	42.4		35.3		32.9		33.2		48.1		55.7	
SOLIDS, PERCENT	%	E160.3	40.4		32.2		36.3		29.9		47.9		59.3	
NITROGEN, AMMONIA (AS N)	mg/kg	E350.1	379	J	365	J	232	J	252	J	163	J	78.7	
TOTAL ORGANIC CARBON	mg/kg	Lloyd Kahn	31800	J	42500	J	23200	J	25400	J	29500	J	30300	
MERCURY	mg/kg	SW7471	5.1	J	1.4	J	2.8	J	0.4	J	0.3	J	0.02	J
AROCLOR-1016	ug/kg	SW8082	41	UJ	51	UJ	45	UJ	55	UJ	34	UJ	28	U
AROCLOR-1221	ug/kg	SW8082	41	UJ	51	UJ	45	UJ	55	UJ	34	UJ	28	U
AROCLOR-1232	ug/kg	SW8082	41	UJ	51	UJ	45	UJ	55	UJ	34	UJ	28	U
AROCLOR-1242	ug/kg	SW8082	41	UJ	51	UJ	45	UJ	55	UJ	34	UJ	28	U
AROCLOR-1248	ug/kg	SW8082	41	UJ	51	UJ	45	UJ	55	UJ	34	UJ	28	U
AROCLOR-1254	ug/kg	SW8082	41	UJ	51	UJ	45	UJ	55	UJ	34	UJ	28	U
AROCLOR-1260	ug/kg	SW8082	150	J	51	UJ	45	UJ	55	UJ	34	UJ	28	U
AROCLOR-1268	ug/kg	SW8082	41	UJ	51	UJ	45	UJ	55	UJ	34	UJ	28	U
PCBS, N.O.S.	ug/kg	SW8082	150	J	51	UJ	45	UJ	55	UJ	34	UJ	28	U
1,2,3-TRICHLOROBENZENE	ug/kg	SW8260	620	UJ	3900	UJ	6900	UJ	840	UJ	520	UJ	8.4	U
1,2,4-TRICHLOROBENZENE	ug/kg	SW8260	620	UJ	3900	UJ	6900	UJ	840	UJ	520	UJ	8.4	U
1,2-DICHLOROBENZENE	ug/kg	SW8260	110	J	3900	UJ	6900	UJ	840	UJ	520	UJ	8.4	U
1,3,5-TRICHLOROBENZENE	ug/kg	SW8260	620	UJ	3900	UJ	6900	UJ	840	UJ	520	UJ	8.4	U
1,3-DICHLOROBENZENE	ug/kg	SW8260	140	J	3900	UJ	6900	UJ	840	UJ	520	UJ	8.4	U
1,4-DICHLOROBENZENE	ug/kg	SW8260	730	J	3900	UJ	6900	UJ	840	UJ	520	UJ	8.4	U
BENZENE	ug/kg	SW8260	440	J	3900	UJ	6900	UJ	840	UJ	520	UJ	8.4	U
CHLOROBENZENE	ug/kg	SW8260	1600	J	3900	UJ	6900	UJ	840	UJ	520	UJ	8.4	U
ETHYLBENZENE	ug/kg	SW8260	620	UJ	1100	J	6900	UJ	840	UJ	520	UJ	8.4	U
NAPHTHALENE	ug/kg	SW8260	840	J	87000	J	190000	J	10000	J	1100	J	3.6	J
TOLUENE	ug/kg	SW8260	620	UJ	3000	J	2400	J	220	J	520	UJ	8.4	U
XYLENES, TOTAL	ug/kg	SW8260	380	J	21000	J	11000	J	920	J	1600	UJ	25	U
ACENAPHTHENE	ug/kg	SW8270	1100	J	7000	J	11000	J	460	J	74	J	6.4	J
ACENAPHTHYLENE	ug/kg	SW8270	940	J	1600	J	5000	J	1200	J	130	J	11	U
ANTHRACENE	ug/kg	SW8270	2200	J	7900	J	12000	J	2800	J	420	J	3.6	J
BENZO(A)ANTHRACENE	ug/kg	SW8270	2000	J	7500	J	10000	J	2400	J	550	J	7.7	J
BENZO(A)PYRENE	ug/kg	SW8270	1300	J	3200	J	6900	J	2200	J	600	J	6.9	J
BENZO(B)FLUORANTHENE	ug/kg	SW8270	1900	J	4900	J	8900	J	1800	J	520	J	9.4	J
BENZO(G,H,I)PERYLENE	ug/kg	SW8270	690	J	950	J	2900	J	1000	J	290	J	4.5	J
BENZO(K)FLUORANTHENE	ug/kg	SW8270	900	J	2000	J	4100	J	220	UJ	14	UJ	11	U
CHRYSENE	ug/kg	SW8270	2300	J	7200	J	9300	J	2100	J	470	J	7.7	J
DIBENZO(A,H)ANTHRACENE	ug/kg	SW8270	210	J	460	J	1300	J	220	J	63	J	11	U
FLUORANTHENE	ug/kg	SW8270	5100	J	27000	J	26000	J	3800	J	770	J	14	
FLUORENE	ug/kg	SW8270	330	UJ	12000	J	20000	J	1600	J	210	J	8	J
INDENO(1,2,3-CD)PYRENE	ug/kg	SW8270	620	J	980	J	3000	J	610	J	180	J	3.7	J
PHENANTHRENE	ug/kg	SW8270	4700	J	35000	J	43000	J	8500	J	1100	J	18	
PHENOL	ug/kg	SW8270	330	UJ	2300	J	2900	J	740	J	260	J	6.7	J
PYRENE	ug/kg	SW8270	3900	J	17000	J	13000	J	6700	J	1100	J	12	
SULFIDE	mg/kg	SW9030	3900	J	895	J	176	J	161	J	618	J	50.6	UJ
pH	S.U.	SW9045	8.1		10.3		11.3		11.5		10.5		8.4	

Table 3A
Onondaga Lake Phase II Pre-Design Investigation
Summary of Sediment Analytical Results

		Location	OL-VC-20079A		OL-VC-20079A		OL-VC-20079A		OL-VC-20079A		OL-VC-20079A		OL-VC-20079A	
		Sample Depth	0.0-3.3 Ft		3.3-6.6 Ft		6.6-9.9 Ft		9.9-13.2 Ft		13.2-16.5 Ft		16.5-19.8 Ft	
		Field Sample ID	OL-0151-07		OL-0151-08		OL-0151-09		OL-0151-10		OL-0151-11		OL-0151-12	
		Matrix	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
		Sample Purpose	Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample	
		Sample Date	8/17/2006		8/17/2006		8/17/2006		8/17/2006		8/17/2006		8/17/2006	
		Sample Delivery Group	6H180214 C6H180250		6H180214 C6H180250		6H180214 C6H180250		6H180214 C6H180250		6H180214 C6H180250		6H180214 C6H180250	
Parameter Name	Units	Analytical Method												
SOLIDS, PERCENT	%	ASTM D2216	40.7		28.5		30.2		34.6		46		57.9	
SOLIDS, PERCENT	%	E160.3	42.3		32.2		32.6		32.9		43.4		58.5	
NITROGEN, AMMONIA (AS N)	mg/kg	E350.1	426	J	334	J	225	J	236	J	170	J	91.6	
TOTAL ORGANIC CARBON	mg/kg	Lloyd Kahn	70000	J	48100	J	47400	J	31800	J	31200	J	34900	
MERCURY	mg/kg	SW7471	4.9	J	1.1	J	1.5	J	0.64	J	0.33	J	0.013	J
AROCLOR-1016	ug/kg	SW8082	39	UJ	51	UJ	51	UJ	50	UJ	38	UJ	28	U
AROCLOR-1221	ug/kg	SW8082	39	UJ	51	UJ	51	UJ	50	UJ	38	UJ	28	U
AROCLOR-1232	ug/kg	SW8082	39	UJ	51	UJ	51	UJ	50	UJ	38	UJ	28	U
AROCLOR-1242	ug/kg	SW8082	39	UJ	51	UJ	51	UJ	50	UJ	38	UJ	28	U
AROCLOR-1248	ug/kg	SW8082	39	UJ	51	UJ	51	UJ	50	UJ	38	UJ	28	U
AROCLOR-1254	ug/kg	SW8082	39	UJ	51	UJ	51	UJ	50	UJ	38	UJ	28	U
AROCLOR-1260	ug/kg	SW8082	110	J	51	UJ	51	UJ	50	UJ	38	UJ	28	U
AROCLOR-1268	ug/kg	SW8082	39	UJ	51	UJ	51	UJ	50	UJ	38	UJ	28	U
PCBS, N.O.S.	ug/kg	SW8082	110	J	51	UJ	51	UJ	50	UJ	38	UJ	28	U
1,2,3-TRICHLOROBENZENE	ug/kg	SW8260	590	UJ	7800	UJ	15000	UJ	760	UJ	580	UJ	430	U
1,2,4-TRICHLOROBENZENE	ug/kg	SW8260	590	UJ	7800	UJ	15000	UJ	760	UJ	580	UJ	430	U
1,2-DICHLOROBENZENE	ug/kg	SW8260	310	J	1400	J	15000	UJ	760	UJ	580	UJ	430	U
1,3,5-TRICHLOROBENZENE	ug/kg	SW8260	590	UJ	7800	UJ	15000	UJ	760	UJ	580	UJ	430	U
1,3-DICHLOROBENZENE	ug/kg	SW8260	190	J	7800	UJ	15000	UJ	760	UJ	580	UJ	430	U
1,4-DICHLOROBENZENE	ug/kg	SW8260	910	J	1400	J	15000	UJ	760	UJ	580	UJ	430	U
BENZENE	ug/kg	SW8260	290	J	1200	J	15000	UJ	760	UJ	580	UJ	430	U
CHLOROBENZENE	ug/kg	SW8260	530	J	7800	UJ	15000	UJ	760	UJ	580	UJ	430	U
ETHYLBENZENE	ug/kg	SW8260	200	J	3800	J	15000	UJ	190	J	580	UJ	430	U
NAPHTHALENE	ug/kg	SW8260	3900	J	200000	J	280000	J	27000	J	6500	J	440	
TOLUENE	ug/kg	SW8260	230	J	9800	J	15000	UJ	370	J	88	J	430	U
XYLENES, TOTAL	ug/kg	SW8260	1800	J	51000	J	19000	J	2200	J	450	J	1300	U
ACENAPHTHENE	ug/kg	SW8270	570	J	4200	J	16000	J	950	J	170	J	5.4	J
ACENAPHTHYLENE	ug/kg	SW8270	1200	J	980	J	3100	J	2000	J	450	J	11	U
ANTHRACENE	ug/kg	SW8270	2000	J	6000	J	13000	J	4200	J	1200	J	4.8	J
BENZO(A)ANTHRACENE	ug/kg	SW8270	1200	J	6200	J	5200	J	5000	J	1400	J	5.3	J
BENZO(A)PYRENE	ug/kg	SW8270	850	J	2500	J	2900	J	3900	J	1300	J	4.6	J
BENZO(B)FLUORANTHENE	ug/kg	SW8270	1200	J	4000	J	4000	J	4500	J	1100	J	5.3	J
BENZO(G,H,I)PERYLENE	ug/kg	SW8270	470	J	960	J	1300	J	2000	J	680	J	2.8	J
BENZO(K)FLUORANTHENE	ug/kg	SW8270	530	J	1400	J	1600	J	410	UJ	150	UJ	11	U
CHRYSENE	ug/kg	SW8270	1600	J	5300	J	4600	J	4700	J	1200	J	4.7	J
DIBENZO(A,H)ANTHRACENE	ug/kg	SW8270	150	J	440	J	540	J	530	J	150	J	11	U
FLUORANTHENE	ug/kg	SW8270	3300	J	23000	J	22000	J	7200	J	2100	J	9.2	J
FLUORENE	ug/kg	SW8270	390	UJ	7100	J	25000	J	2800	J	630	J	7.4	J
INDENO(1,2,3-CD)PYRENE	ug/kg	SW8270	410	J	840	J	1300	J	1400	J	410	J	11	U
PHENANTHRENE	ug/kg	SW8270	4300	J	27000	J	45000	J	13000	J	3600	J	20	
PHENOL	ug/kg	SW8270	390	UJ	3900	J	3200	J	1700	J	400	J	7.1	J
PYRENE	ug/kg	SW8270	2900	J	15000	J	12000	J	12000	J	4000	J	12	
SULFIDE	mg/kg	SW9030	776	J	796	J	147	J	97.4	J	627	J	41	J
pH	S.U.	SW9045	8.7		10.4		11.2		11.5		11		8.4	

Table 3A
Onondaga Lake Phase II Pre-Design Investigation
Summary of Sediment Analytical Results

		Location	OL-VC-20080		OL-VC-20080		OL-VC-20080		OL-VC-20080		OL-VC-20081		OL-VC-20081	
		Sample Depth	0.0-3.3 Ft		3.3-6.6 Ft		6.6-9.9 Ft		9.9-13.2 Ft		0.0-3.3 Ft		0.0-3.3 Ft	
		Field Sample ID	OL-0186-01		OL-0186-02		OL-0186-03		OL-0186-04		OL-0186-05		OL-0186-06	
		Matrix	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
		Sample Purpose	Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample		Field Duplicate	
		Sample Date	9/27/2006		9/27/2006		9/27/2006		9/27/2006		9/27/2006		9/27/2006	
		Sample Delivery Group	6I280203 C6I280213		6I280203 C6I280213		6I280203 C6I280213		6I280203 C6I280213		6I280203 C6I280213		6I280203 C6I280213	
Parameter Name	Units	Analytical Method												
SOLIDS, PERCENT	%	ASTM D2216	62.9		61.7		51.7		61.7		65.5		63.1	
SOLIDS, PERCENT	%	E160.3	67.4		60		52.6		59.4		64.1		64.1	
NITROGEN, AMMONIA (AS N)	mg/kg	E350.1	22.6	J	25.2	J	16.7	J	18.7	J	16.2	J	21.2	J
TOTAL ORGANIC CARBON	mg/kg	Lloyd Kahn	66800		43800		47400		37800		62200		59700	
MERCURY	mg/kg	SW7471	0.014	J	0.014	J	0.018	J	0.012	J	0.011	J	0.016	J
AROCLOR-1016	ug/kg	SW8082	24	U	27	U	31	U	28	U	26	U	26	U
AROCLOR-1221	ug/kg	SW8082	24	U	27	U	31	U	28	U	26	U	26	U
AROCLOR-1232	ug/kg	SW8082	24	U	27	U	31	U	28	U	26	U	26	U
AROCLOR-1242	ug/kg	SW8082	24	U	27	U	31	U	28	U	26	U	26	U
AROCLOR-1248	ug/kg	SW8082	24	U	27	U	31	U	28	U	26	U	26	U
AROCLOR-1254	ug/kg	SW8082	24	U	27	U	31	U	28	U	26	U	26	U
AROCLOR-1260	ug/kg	SW8082	24	U	27	U	31	U	28	U	26	U	26	U
AROCLOR-1268	ug/kg	SW8082	24	U	27	U	31	U	28	U	26	U	26	U
PCBS, N.O.S.	ug/kg	SW8082	24	U	27	U	31	U	28	U	26	U	26	U
1,2,3-TRICHLOROBENZENE	ug/kg	SW8260	7.4	U	8.3	U	9.5	U	8.4	U	7.8	U	7.8	U
1,2,4-TRICHLOROBENZENE	ug/kg	SW8260	7.4	U	8.3	U	9.5	U	8.4	U	7.8	U	7.8	U
1,2-DICHLOROBENZENE	ug/kg	SW8260	7.4	U	8.3	U	9.5	U	8.4	U	7.8	U	7.8	U
1,3,5-TRICHLOROBENZENE	ug/kg	SW8260	7.4	U	8.3	U	9.5	U	8.4	U	7.8	U	7.8	U
1,3-DICHLOROBENZENE	ug/kg	SW8260	7.4	U	8.3	U	9.5	U	8.4	U	7.8	U	7.8	U
1,4-DICHLOROBENZENE	ug/kg	SW8260	7.4	U	8.3	U	9.5	U	8.4	U	7.8	U	7.8	U
BENZENE	ug/kg	SW8260	220		94		10		8.4	U	4.9	J	16	
CHLOROBENZENE	ug/kg	SW8260	7.4	U	8.3	U	9.5	U	8.4	U	2	J	3.8	J
ETHYLBENZENE	ug/kg	SW8260	2.2	J	8.3	U	9.5	U	8.4	U	7.8	U	3.5	J
NAPHTHALENE	ug/kg	SW8260	7.4	U	8.3	U	9.5	U	8.4	U	3.9	J	7.5	J
TOLUENE	ug/kg	SW8260	7.4	U	8.3	U	9.5	U	8.4	U	7.8	U	7.8	U
XYLENES, TOTAL	ug/kg	SW8260	22	U	25	U	29	U	25	U	23	U	23	U
ACENAPHTHENE	ug/kg	SW8270	36		1.9	J	6.3	U	5.6	U	47	J	200	J
ACENAPHTHYLENE	ug/kg	SW8270	31		5.6	U	6.3	U	5.6	U	67	J	300	J
ANTHRACENE	ug/kg	SW8270	52		2.1	J	6.3	U	5.6	U	370		890	
BENZO(A)ANTHRACENE	ug/kg	SW8270	18		3.3	J	6.3	U	5.6	U	67	J	210	J
BENZO(A)PYRENE	ug/kg	SW8270	10		2	J	6.3	U	5.6	U	70		120	J
BENZO(B)FLUORANTHENE	ug/kg	SW8270	12		3.6	J	6.3	U	1.9	J	79	J	240	J
BENZO(G,H,I)PERYLENE	ug/kg	SW8270	3.6	J	1.8	J	6.3	U	1.2	J	24		58	J
BENZO(K)FLUORANTHENE	ug/kg	SW8270	5		5.6	U	6.3	U	5.6	U	21	U	160	U
CHRYSENE	ug/kg	SW8270	12		3	J	6.3	U	2.8	J	93		270	
DIBENZO(A,H)ANTHRACENE	ug/kg	SW8270	1.3	J	5.6	U	6.3	U	5.6	U	36		100	J
FLUORANTHENE	ug/kg	SW8270	41		3.8	J	6.3	U	5.6	U	230	J	700	J
FLUORENE	ug/kg	SW8270	57		3.1	J	2.6	J	2.8	J	21	U	160	U
INDENO(1,2,3-CD)PYRENE	ug/kg	SW8270	3.9	J	1.6	J	6.3	U	5.6	U	52		130	J
PHENANTHRENE	ug/kg	SW8270	140		9.4		8.6		7.9		430	J	1600	J
PHENOL	ug/kg	SW8270	8.6		5.6	U	6.3	U	5.6	U	8.6	J	160	U
PYRENE	ug/kg	SW8270	38		4.7	J	6.3	U	1.9	J	150		400	
SULFIDE	mg/kg	SW9030	223	UJ	250	UJ	285	UJ	253	UJ	234	UJ	234	UJ
pH	S.U.	SW9045	7.4		7.5		7.4		7.6		7.6		7.6	

Table 3A
Onondaga Lake Phase II Pre-Design Investigation
Summary of Sediment Analytical Results

		Location	OL-VC-20081		OL-VC-20081		OL-VC-20081		OL-VC-20082		OL-VC-20082		OL-VC-20082	
		Sample Depth	3.3-6.6 Ft		6.6-9.9 Ft		9.9-13.2 Ft		0.0-3.3 Ft		3.3-6.6 Ft		6.6-9.9 Ft	
		Field Sample ID	OL-0186-07		OL-0186-08		OL-0186-09		OL-0186-10		OL-0186-11		OL-0186-12	
		Matrix	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
		Sample Purpose	Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample	
		Sample Date	9/27/2006		9/27/2006		9/27/2006		9/27/2006		9/27/2006		9/27/2006	
		Sample Delivery Group	6I280203 C6I280213		6I280203 C6I280213		6I280203 C6I280213		6I280203 C6I280213		6I280203 C6I280213		6I280203 C6I280213	
Parameter Name	Units	Analytical Method												
SOLIDS, PERCENT	%	ASTM D2216	54.2		49.8		54.8		52		53.7		53.1	
SOLIDS, PERCENT	%	E160.3	53.2		54.3		57		62.1		57.8		51.3	
NITROGEN, AMMONIA (AS N)	mg/kg	E350.1	17.4	J	15.7	J	16.8	J	23.9	J	28.1	J	21.7	J
TOTAL ORGANIC CARBON	mg/kg	Lloyd Kahn	43600		66600		30900		60100		64900		27300	
MERCURY	mg/kg	SW7471	0.031	U	0.01	J	0.0079	J	0.022	J	0.029	U	0.015	J
AROCLOR-1016	ug/kg	SW8082	31	U	30	U	29	U	27	U	29	U	32	U
AROCLOR-1221	ug/kg	SW8082	31	U	30	U	29	U	27	U	29	U	32	U
AROCLOR-1232	ug/kg	SW8082	31	U	30	U	29	U	27	U	29	U	32	U
AROCLOR-1242	ug/kg	SW8082	31	U	30	U	29	U	27	U	29	U	32	U
AROCLOR-1248	ug/kg	SW8082	31	U	30	U	29	U	52		29	U	32	U
AROCLOR-1254	ug/kg	SW8082	31	U	30	U	29	U	25	J	29	U	32	U
AROCLOR-1260	ug/kg	SW8082	31	U	30	U	29	U	27	U	29	U	32	U
AROCLOR-1268	ug/kg	SW8082	31	U	30	U	29	U	27	U	29	U	32	U
PCBS, N.O.S.	ug/kg	SW8082	31	U	30	U	29	U	77		29	U	32	U
1,2,3-TRICHLOROBENZENE	ug/kg	SW8260	470	U	9.2	U	8.8	U	400	U	8.7	U	9.7	U
1,2,4-TRICHLOROBENZENE	ug/kg	SW8260	470	U	9.2	U	8.8	U	400	U	8.7	U	9.7	U
1,2-DICHLOROBENZENE	ug/kg	SW8260	470	U	9.2	U	8.8	U	400	U	8.7	U	9.7	U
1,3,5-TRICHLOROBENZENE	ug/kg	SW8260	470	U	9.2	U	8.8	U	400	U	8.7	U	9.7	U
1,3-DICHLOROBENZENE	ug/kg	SW8260	470	U	9.2	U	8.8	U	400	U	8.7	U	9.7	U
1,4-DICHLOROBENZENE	ug/kg	SW8260	470	U	9.2	U	8.8	U	400	U	8.7	U	9.7	U
BENZENE	ug/kg	SW8260	1400		58		8.8	U	2400		78		6	J
CHLOROBENZENE	ug/kg	SW8260	470	U	9.2	U	8.8	U	400	U	8.7	U	9.7	U
ETHYLBENZENE	ug/kg	SW8260	470	U	9.2	U	8.8	U	400	U	8.7	U	9.7	U
NAPHTHALENE	ug/kg	SW8260	470	U	9.2	U	8.8	U	400	U	8.7	U	9.7	U
TOLUENE	ug/kg	SW8260	470	U	9.2	U	8.8	U	400	U	8.7	U	9.7	U
XYLENES, TOTAL	ug/kg	SW8260	1400	U	28	U	26	U	1200	U	26	U	29	U
ACENAPHTHENE	ug/kg	SW8270	6.3	U	1.9	J	5.8	U	200		5.8	U	6.5	U
ACENAPHTHYLENE	ug/kg	SW8270	6.3	U	6.1	U	5.8	U	190		5.8	U	6.5	U
ANTHRACENE	ug/kg	SW8270	6.3	U	6.1	U	5.8	U	910		5.8	U	6.5	U
BENZO(A)ANTHRACENE	ug/kg	SW8270	6.3	U	6.1	U	5.8	U	820		8.5		6.5	U
BENZO(A)PYRENE	ug/kg	SW8270	6.3	U	6.1	U	5.8	U	730		6.5		6.5	U
BENZO(B)FLUORANTHENE	ug/kg	SW8270	6.3	U	1.4	J	5.8	U	800		14		6.5	U
BENZO(G,H,I)PERYLENE	ug/kg	SW8270	6.3	U	6.1	U	5.8	U	420		7.5		6.5	U
BENZO(K)FLUORANTHENE	ug/kg	SW8270	6.3	U	6.1	U	5.8	U	430		4.8	J	6.5	U
CHRYSENE	ug/kg	SW8270	6.3	U	6.1	U	5.8	U	910		8.8		6.5	U
DIBENZO(A,H)ANTHRACENE	ug/kg	SW8270	6.3	U	6.1	U	5.8	U	170		2.3	J	6.5	U
FLUORANTHENE	ug/kg	SW8270	6.3	U	2.1	J	5.8	U	1600		5.5	J	6.5	U
FLUORENE	ug/kg	SW8270	2.5	J	2.8	J	2.2	J	110	U	5.8	U	2.4	J
INDENO(1,2,3-CD)PYRENE	ug/kg	SW8270	6.3	U	6.1	U	5.8	U	430		7		6.5	U
PHENANTHRENE	ug/kg	SW8270	7.4		10		6		1900		3.8	J	6	J
PHENOL	ug/kg	SW8270	5.9	J	6.1	U	5.8	U	110	U	5.8	U	6.5	U
PYRENE	ug/kg	SW8270	6.3	U	2	J	5.8	U	1300		7.3		6.5	U
SULFIDE	mg/kg	SW9030	282	UJ	276	UJ	263	UJ	242	UJ	260	UJ	292	UJ
pH	S.U.	SW9045	7.4		7.4		7.5		7.4		7.4		7.4	

Table 3A
Onondaga Lake Phase II Pre-Design Investigation
Summary of Sediment Analytical Results

		Location	OL-VC-20082	
		Sample Depth	9.9-13.2 Ft	
		Field Sample ID	OL-0186-13	
		Matrix	SOIL	
		Sample Purpose	Regular Sample	
		Sample Date	9/27/2006	
		Sample Delivery Group	6I280203 C6I280213	
Parameter Name	Units	Analytical Method		
SOLIDS, PERCENT	%	ASTM D2216	61.1	
SOLIDS, PERCENT	%	E160.3	62.1	
NITROGEN, AMMONIA (AS N)	mg/kg	E350.1	21.9	J
TOTAL ORGANIC CARBON	mg/kg	Lloyd Kahn	19600	
MERCURY	mg/kg	SW7471	0.011	J
AROCLOR-1016	ug/kg	SW8082	27	U
AROCLOR-1221	ug/kg	SW8082	27	U
AROCLOR-1232	ug/kg	SW8082	27	U
AROCLOR-1242	ug/kg	SW8082	27	U
AROCLOR-1248	ug/kg	SW8082	27	U
AROCLOR-1254	ug/kg	SW8082	27	U
AROCLOR-1260	ug/kg	SW8082	27	U
AROCLOR-1268	ug/kg	SW8082	27	U
PCBS, N.O.S.	ug/kg	SW8082	27	U
1,2,3-TRICHLOROBENZENE	ug/kg	SW8260	8	U
1,2,4-TRICHLOROBENZENE	ug/kg	SW8260	8	U
1,2-DICHLOROBENZENE	ug/kg	SW8260	8	U
1,3,5-TRICHLOROBENZENE	ug/kg	SW8260	8	U
1,3-DICHLOROBENZENE	ug/kg	SW8260	8	U
1,4-DICHLOROBENZENE	ug/kg	SW8260	8	U
BENZENE	ug/kg	SW8260	8	U
CHLOROBENZENE	ug/kg	SW8260	8	U
ETHYLBENZENE	ug/kg	SW8260	8	U
NAPHTHALENE	ug/kg	SW8260	8	U
TOLUENE	ug/kg	SW8260	8	U
XYLENES, TOTAL	ug/kg	SW8260	24	U
ACENAPHTHENE	ug/kg	SW8270	5.4	U
ACENAPHTHYLENE	ug/kg	SW8270	5.4	U
ANTHRACENE	ug/kg	SW8270	5.4	U
BENZO(A)ANTHRACENE	ug/kg	SW8270	5.4	U
BENZO(A)PYRENE	ug/kg	SW8270	5.4	U
BENZO(B)FLUORANTHENE	ug/kg	SW8270	1.2	J
BENZO(G,H,I)PERYLENE	ug/kg	SW8270	1.2	J
BENZO(K)FLUORANTHENE	ug/kg	SW8270	5.4	U
CHRYSENE	ug/kg	SW8270	2	J
DIBENZO(A,H)ANTHRACENE	ug/kg	SW8270	5.4	U
FLUORANTHENE	ug/kg	SW8270	5.4	U
FLUORENE	ug/kg	SW8270	2.7	J
INDENO(1,2,3-CD)PYRENE	ug/kg	SW8270	5.4	U
PHENANTHRENE	ug/kg	SW8270	6.4	
PHENOL	ug/kg	SW8270	5.4	U
PYRENE	ug/kg	SW8270	1.1	J
SULFIDE	mg/kg	SW9030	241	UJ
pH	S.U.	SW9045	7.8	

Table 3A
Onondaga Lake Phase II Pre-Design Investigation
Summary of Sediment Analytical Results

		Location	OL-VC-30034		OL-VC-30034		OL-VC-30035		OL-VC-30035		OL-VC-30036		OL-VC-30036	
		Sample Depth	0.0-0.5 Ft		0.5-3.3 Ft		0.0-0.5 Ft		0.5-3.3 Ft		0.0-0.5 Ft		0.5-3.3 Ft	
		Field Sample ID	OL-0195-01		OL-0195-02		OL-0195-10		OL-0195-11		OL-0196-01		OL-0196-02	
		Matrix	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
		Sample Purpose	Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample	
		Sample Date	10/3/2006		10/3/2006		10/3/2006		10/3/2006		10/3/2006		10/3/2006	
		Sample Delivery Group	6J040161 C6J040170		6J040161 C6J040170		6J040161 C6J040170		6J040161 C6J040170		6J040164 C6J040175		6J040164 C6J040175	
Parameter Name	Units	Analytical Method												
SOLIDS, PERCENT	%	ASTM D2216	28.2		26.5		41.8		26.1		38.1		31.1	
SOLIDS, PERCENT	%	E160.3	29.5		26.7		39.1		26.6		39.4		34.5	
NITROGEN, AMMONIA (AS N)	mg/kg	E350.1	170	J	240	J	74.1	J	255	J	189	J	225	J
TOTAL ORGANIC CARBON	mg/kg	Lloyd Kahn	13900	J	35600	J	69800	J	32200	J	79500	J	66000	J
MERCURY	mg/kg	SW7471	0.44	J	0.52	J	2.5	J	7.1	J	4.6	J	8	J
AROCLOR-1016	ug/kg	SW8082	56	UJ	62	UJ	42	UJ	62	UJ	42	UJ	48	UJ
AROCLOR-1221	ug/kg	SW8082	56	UJ	62	UJ	42	UJ	62	UJ	42	UJ	48	UJ
AROCLOR-1232	ug/kg	SW8082	56	UJ	62	UJ	42	UJ	62	UJ	42	UJ	48	UJ
AROCLOR-1242	ug/kg	SW8082	56	UJ	62	UJ	42	UJ	62	UJ	42	UJ	48	UJ
AROCLOR-1248	ug/kg	SW8082	56	UJ	62	UJ	210	J	380	J	910	J	530	J
AROCLOR-1254	ug/kg	SW8082	56	UJ	20	J	42	UJ	320	J	520	J	380	J
AROCLOR-1260	ug/kg	SW8082	56	UJ	62	UJ	77	J	62	UJ	42	UJ	48	UJ
AROCLOR-1268	ug/kg	SW8082	56	UJ	62	UJ	42	UJ	62	UJ	42	UJ	48	UJ
PCBS, N.O.S.	ug/kg	SW8082	56	UJ	20	J	287	J	700	J	1430	J	910	J
1,2,3-TRICHLOROBENZENE	ug/kg	SW8260	17	UJ	19	UJ	13	UJ	19	UJ	13	UJ	14	UJ
1,2,4-TRICHLOROBENZENE	ug/kg	SW8260	17	UJ	19	UJ	13	UJ	19	UJ	13	UJ	14	UJ
1,2-DICHLOROBENZENE	ug/kg	SW8260	17	UJ	19	UJ	13	UJ	19	UJ	13	UJ	14	UJ
1,3,5-TRICHLOROBENZENE	ug/kg	SW8260	17	UJ	19	UJ	13	UJ	19	UJ	13	UJ	14	UJ
1,3-DICHLOROBENZENE	ug/kg	SW8260	17	UJ	19	UJ	13	UJ	19	UJ	13	UJ	14	UJ
1,4-DICHLOROBENZENE	ug/kg	SW8260	17	UJ	19	UJ	13	UJ	19	UJ	13	UJ	14	UJ
BENZENE	ug/kg	SW8260	8	J	19	UJ	13	UJ	19	UJ	13	UJ	14	UJ
CHLOROBENZENE	ug/kg	SW8260	17	UJ	19	UJ	13	UJ	19	UJ	13	UJ	14	UJ
ETHYLBENZENE	ug/kg	SW8260	17	UJ	19	UJ	13	UJ	19	UJ	13	UJ	14	UJ
NAPHTHALENE	ug/kg	SW8260	17	J	19	UJ	13	UJ	19	UJ	13	UJ	14	UJ
TOLUENE	ug/kg	SW8260	8.5	J	19	UJ	13	UJ	19	UJ	13	UJ	14	UJ
XYLENES, TOTAL	ug/kg	SW8260	18	J	56	UJ	38	UJ	56	UJ	38	UJ	43	UJ
ACENAPHTHENE	ug/kg	SW8270	57	UJ	120	UJ	17	J	40	J	42	J	73	J
ACENAPHTHYLENE	ug/kg	SW8270	27	J	120	UJ	54	J	130	J	120	J	210	J
ANTHRACENE	ug/kg	SW8270	41	J	69	J	82	J	170	J	190	J	330	J
BENZO(A)ANTHRACENE	ug/kg	SW8270	93	J	160	J	220	J	340	J	500	J	560	J
BENZO(A)PYRENE	ug/kg	SW8270	62	J	90	J	210	J	290	J	450	J	400	J
BENZO(B)FLUORANTHENE	ug/kg	SW8270	78	J	110	J	330	J	380	J	650	J	540	J
BENZO(G,H,I)PERYLENE	ug/kg	SW8270	43	J	56	J	210	J	220	J	410	J	280	J
BENZO(K)FLUORANTHENE	ug/kg	SW8270	33	J	120	UJ	110	J	160	J	270	J	190	J
CHRYSENE	ug/kg	SW8270	100	J	170	J	240	J	430	J	630	J	610	J
DIBENZO(A,H)ANTHRACENE	ug/kg	SW8270	57	UJ	120	UJ	50	J	52	J	100	J	70	J
FLUORANTHENE	ug/kg	SW8270	170	J	290	J	400	J	570	J	880	J	820	J
FLUORENE	ug/kg	SW8270	23	J	120	UJ	53	J	79	J	130	J	190	J
INDENO(1,2,3-CD)PYRENE	ug/kg	SW8270	36	J	46	J	180	J	180	J	340	J	230	J
PHENANTHRENE	ug/kg	SW8270	140	J	240	J	120	J	380	J	290	J	650	J
PHENOL	ug/kg	SW8270	2200	J	3400	J	34	UJ	4100	J	85	UJ	1400	J
PYRENE	ug/kg	SW8270	220	J	350	J	370	J	890	J	850	J	1200	J
SULFIDE	mg/kg	SW9030	509	UJ	561	UJ	384	UJ	150	J	203	J	232	J
pH	S.U.	SW9045	11.5		11.9		7.7		10.8		8.1		10.1	

Table 3A
Onondaga Lake Phase II Pre-Design Investigation
Summary of Sediment Analytical Results

		Location	OL-VC-30037		OL-VC-30037		OL-VC-30038		OL-VC-30038		OL-VC-30039		OL-VC-30039	
		Sample Depth	0.0-0.5 Ft		0.5-3.3 Ft		0.0-0.5 Ft		0.5-3.3 Ft		0.0-3.3 Ft		3.3-6.6 Ft	
		Field Sample ID	OL-0195-12		OL-0195-13		OL-0195-14		OL-0195-15		OL-0195-16		OL-0195-17	
		Matrix	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
		Sample Purpose	Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample	
		Sample Date	10/3/2006		10/3/2006		10/3/2006		10/3/2006		10/3/2006		10/3/2006	
		Sample Delivery Group	6J040161 C6J040170		6J040161 C6J040170		6J040161 C6J040170		6J040161 C6J040170		6J040161 C6J040170		6J040161 C6J040170	
Parameter Name	Units	Analytical Method												
SOLIDS, PERCENT	%	ASTM D2216	36.3		35.6		34		35.2		17.2		30.1	
SOLIDS, PERCENT	%	E160.3	34.7		35.7		34.1		18.6		33.9		32.6	
NITROGEN, AMMONIA (AS N)	mg/kg	E350.1	236	J	124	J	159	J	390	J	145	J	162	J
TOTAL ORGANIC CARBON	mg/kg	Lloyd Kahn	45300	J	27100	J	32900	J	9920	J	59000	J	17500	J
MERCURY	mg/kg	SW7471	7.6	J	0.4	J	0.43	J	0.1	J	0.15	J	0.11	J
AROCLOR-1016	ug/kg	SW8082	48	UJ	46	UJ	48	UJ	89	UJ	49	UJ	51	UJ
AROCLOR-1221	ug/kg	SW8082	48	UJ	46	UJ	48	UJ	89	UJ	49	UJ	51	UJ
AROCLOR-1232	ug/kg	SW8082	48	UJ	46	UJ	48	UJ	89	UJ	49	UJ	51	UJ
AROCLOR-1242	ug/kg	SW8082	48	UJ	46	UJ	48	UJ	89	UJ	49	UJ	51	UJ
AROCLOR-1248	ug/kg	SW8082	270	J	46	UJ	48	UJ	89	UJ	49	UJ	51	UJ
AROCLOR-1254	ug/kg	SW8082	48	UJ	46	UJ	48	UJ	89	UJ	49	UJ	51	UJ
AROCLOR-1260	ug/kg	SW8082	240	J	46	UJ	33	J	89	UJ	49	UJ	51	UJ
AROCLOR-1268	ug/kg	SW8082	48	UJ	46	UJ	48	UJ	89	UJ	49	UJ	51	UJ
PCBS, N.O.S.	ug/kg	SW8082	510	J	46	UJ	33	J	89	UJ	49	UJ	51	UJ
1,2,3-TRICHLOROBENZENE	ug/kg	SW8260	14	UJ	70	UJ	15	UJ	27	UJ	15	UJ	15	UJ
1,2,4-TRICHLOROBENZENE	ug/kg	SW8260	14	UJ	70	UJ	15	UJ	27	UJ	15	UJ	15	UJ
1,2-DICHLOROBENZENE	ug/kg	SW8260	14	UJ	70	UJ	15	UJ	27	UJ	15	UJ	15	UJ
1,3,5-TRICHLOROBENZENE	ug/kg	SW8260	14	UJ	70	UJ	15	UJ	27	UJ	15	UJ	15	UJ
1,3-DICHLOROBENZENE	ug/kg	SW8260	14	UJ	70	UJ	15	UJ	27	UJ	15	UJ	15	UJ
1,4-DICHLOROBENZENE	ug/kg	SW8260	14	UJ	70	UJ	15	UJ	27	UJ	15	UJ	15	UJ
BENZENE	ug/kg	SW8260	200	J	2000	J	25	J	9.5	J	3.3	J	15	UJ
CHLOROBENZENE	ug/kg	SW8260	14	UJ	70	UJ	15	UJ	27	UJ	15	UJ	15	UJ
ETHYLBENZENE	ug/kg	SW8260	14	UJ	70	UJ	15	UJ	27	UJ	15	UJ	15	UJ
NAPHTHALENE	ug/kg	SW8260	7.3	J	180	J	15	UJ	22	J	5	J	5	J
TOLUENE	ug/kg	SW8260	3.9	J	220	J	3.2	J	3.9	J	2.1	J	15	UJ
XYLENES, TOTAL	ug/kg	SW8260	43	UJ	59	J	44	UJ	81	UJ	44	UJ	46	UJ
ACENAPHTHENE	ug/kg	SW8270	90	J	36	J	34	J	180	UJ	98	UJ	100	UJ
ACENAPHTHYLENE	ug/kg	SW8270	250	J	130	J	150	J	180	UJ	44	J	100	UJ
ANTHRACENE	ug/kg	SW8270	270	J	140	J	150	J	180	UJ	47	J	36	J
BENZO(A)ANTHRACENE	ug/kg	SW8270	700	J	390	J	370	J	180	UJ	140	J	75	J
BENZO(A)PYRENE	ug/kg	SW8270	570	J	240	J	280	J	180	UJ	80	J	34	J
BENZO(B)FLUORANTHENE	ug/kg	SW8270	800	J	320	J	410	J	180	UJ	110	J	42	J
BENZO(G,H,I)PERYLENE	ug/kg	SW8270	410	J	160	J	230	J	180	UJ	55	J	21	J
BENZO(K)FLUORANTHENE	ug/kg	SW8270	280	J	120	J	160	J	180	UJ	41	J	100	UJ
CHRYSENE	ug/kg	SW8270	810	J	400	J	400	J	180	UJ	140	J	73	J
DIBENZO(A,H)ANTHRACENE	ug/kg	SW8270	110	J	41	J	57	J	180	UJ	98	UJ	100	UJ
FLUORANTHENE	ug/kg	SW8270	1100	J	520	J	590	J	120	J	230	J	150	J
FLUORENE	ug/kg	SW8270	220	J	93	J	84	J	180	UJ	98	UJ	100	UJ
INDENO(1,2,3-CD)PYRENE	ug/kg	SW8270	340	J	140	J	190	J	180	UJ	46	J	100	UJ
PHENANTHRENE	ug/kg	SW8270	690	J	330	J	370	J	51	J	150	J	110	J
PHENOL	ug/kg	SW8270	360	J	3300	J	8400	J	12000	J	8600	J	5500	J
PYRENE	ug/kg	SW8270	1800	J	780	J	730	J	140	J	310	J	230	J
SULFIDE	mg/kg	SW9030	433	UJ	420	UJ	352	J	808	UJ	443	UJ	460	UJ
pH	S.U.	SW9045	8.4		11.1		11.5		11.9		11.6		11.6	

Table 3A
Onondaga Lake Phase II Pre-Design Investigation
Summary of Sediment Analytical Results

		Location	OL-VC-30039		OL-VC-30040		OL-VC-30040		OL-VC-30040		OL-VC-30040		OL-VC-30041	
		Sample Depth	6.6-9.9 Ft		0.0-3.3 Ft		0.0-3.3 Ft		3.3-6.6 Ft		6.6-9.9 Ft		0.0-3.3 Ft	
		Field Sample ID	OL-0195-18		OL-0196-03		OL-0196-04		OL-0196-05		OL-0196-06		OL-0187-05	
		Matrix	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
		Sample Purpose	Regular Sample		Regular Sample		Field Duplicate		Regular Sample		Regular Sample		Regular Sample	
		Sample Date	10/3/2006		10/3/2006		10/3/2006		10/3/2006		10/3/2006		9/28/2006	
		Sample Delivery Group	6J040161 C6J040170		6J040164 C6J040175		6J040164 C6J040175		6J040164 C6J040175		6J040164 C6J040175		6I290214 C6I290234	
Parameter Name	Units	Analytical Method												
SOLIDS, PERCENT	%	ASTM D2216	26.7		28.2		28.7		31.4		30.2		28.3	
SOLIDS, PERCENT	%	E160.3	29.2		31.9		31.3		34		33.6		28.8	
NITROGEN, AMMONIA (AS N)	mg/kg	E350.1	209	J	243	J	126	J	112	J	112	J	61.9	J
TOTAL ORGANIC CARBON	mg/kg	Lloyd Kahn	11800	J	15400	J	9160	J	24600	J	34100	J	5020	J
MERCURY	mg/kg	SW7471	0.16	J	0.13	J	0.13	J	0.081	J	0.078	J	0.15	J
AROCLOR-1016	ug/kg	SW8082	57	UJ	52	UJ	53	UJ	49	UJ	49	UJ	57	UJ
AROCLOR-1221	ug/kg	SW8082	57	UJ	52	UJ	53	UJ	49	UJ	49	UJ	57	UJ
AROCLOR-1232	ug/kg	SW8082	57	UJ	52	UJ	53	UJ	49	UJ	49	UJ	57	UJ
AROCLOR-1242	ug/kg	SW8082	57	UJ	52	UJ	53	UJ	49	UJ	49	UJ	57	UJ
AROCLOR-1248	ug/kg	SW8082	57	UJ	52	UJ	53	UJ	49	UJ	49	UJ	57	UJ
AROCLOR-1254	ug/kg	SW8082	57	UJ	52	UJ	53	UJ	49	UJ	49	UJ	57	UJ
AROCLOR-1260	ug/kg	SW8082	57	UJ	52	UJ	53	UJ	49	UJ	49	UJ	57	UJ
AROCLOR-1268	ug/kg	SW8082	57	UJ	52	UJ	53	UJ	49	UJ	49	UJ	57	UJ
PCBS, N.O.S.	ug/kg	SW8082	57	UJ	52	UJ	53	UJ	49	UJ	49	UJ	57	UJ
1,2,3-TRICHLOROBENZENE	ug/kg	SW8260	17	UJ	78	UJ	80	UJ	74	UJ	74	UJ	17	UJ
1,2,4-TRICHLOROBENZENE	ug/kg	SW8260	17	UJ	78	UJ	80	UJ	74	UJ	74	UJ	17	UJ
1,2-DICHLOROBENZENE	ug/kg	SW8260	17	UJ	78	UJ	80	UJ	74	UJ	74	UJ	17	UJ
1,3,5-TRICHLOROBENZENE	ug/kg	SW8260	17	UJ	78	UJ	80	UJ	74	UJ	74	UJ	17	UJ
1,3-DICHLOROBENZENE	ug/kg	SW8260	17	UJ	78	UJ	80	UJ	74	UJ	74	UJ	17	UJ
1,4-DICHLOROBENZENE	ug/kg	SW8260	17	UJ	78	UJ	80	UJ	74	UJ	74	UJ	17	UJ
BENZENE	ug/kg	SW8260	17	UJ	2700	J	1600	J	1200	J	2600	J	160	J
CHLOROBENZENE	ug/kg	SW8260	17	UJ	78	UJ	80	UJ	74	UJ	74	UJ	17	UJ
ETHYLBENZENE	ug/kg	SW8260	17	UJ	78	UJ	80	UJ	74	UJ	74	UJ	17	UJ
NAPHTHALENE	ug/kg	SW8260	17	UJ	77	J	38	J	100	J	44	J	12	J
TOLUENE	ug/kg	SW8260	17	UJ	220	J	160	J	130	J	11	J	18	J
XYLENES, TOTAL	ug/kg	SW8260	51	UJ	230	UJ	240	UJ	220	UJ	220	UJ	52	UJ
ACENAPHTHENE	ug/kg	SW8270	57	UJ	19	J	9.7	J	8.5	J	50	UJ	6.7	J
ACENAPHTHYLENE	ug/kg	SW8270	57	UJ	11	J	5.8	J	5.7	J	50	UJ	58	UJ
ANTHRACENE	ug/kg	SW8270	57	UJ	44	J	27	J	25	J	25	J	160	J
BENZO(A)ANTHRACENE	ug/kg	SW8270	15	J	65	J	39	J	40	J	37	J	540	J
BENZO(A)PYRENE	ug/kg	SW8270	57	UJ	34	J	24	J	17	J	16	J	360	J
BENZO(B)FLUORANTHENE	ug/kg	SW8270	57	UJ	40	J	27	J	19	J	21	J	430	J
BENZO(G,H,I)PERYLENE	ug/kg	SW8270	57	UJ	19	J	16	J	11	J	11	J	190	J
BENZO(K)FLUORANTHENE	ug/kg	SW8270	57	UJ	15	J	12	J	7.3	J	50	UJ	180	J
CHRYSENE	ug/kg	SW8270	57	UJ	67	J	41	J	39	J	35	J	370	J
DIBENZO(A,H)ANTHRACENE	ug/kg	SW8270	57	UJ	4.3	J	3.3	J	2.4	J	50	UJ	54	J
FLUORANTHENE	ug/kg	SW8270	28	J	150	J	110	J	120	J	110	J	730	J
FLUORENE	ug/kg	SW8270	57	UJ	35	J	21	J	18	J	27	J	22	J
INDENO(1,2,3-CD)PYRENE	ug/kg	SW8270	57	UJ	17	J	13	J	9.2	J	50	UJ	190	J
PHENANTHRENE	ug/kg	SW8270	32	J	240	J	150	J	120	J	150	J	360	J
PHENOL	ug/kg	SW8270	4400	J	420	J	180	J	330	J	310	J	2400	J
PYRENE	ug/kg	SW8270	37	J	160	J	110	J	110	J	98	J	720	J
SULFIDE	mg/kg	SW9030	137	J	470	UJ	479	UJ	442	UJ	446	UJ	520	UJ
pH	S.U.	SW9045	12.1		11.6		11.6		11.7		11.6		12	

Table 3A
Onondaga Lake Phase II Pre-Design Investigation
Summary of Sediment Analytical Results

		Location	OL-VC-30041		OL-VC-30041		OL-VC-30041		OL-VC-30041		OL-VC-30041		OL-VC-30041	
		Sample Depth	3.3-6.6 Ft		3.3-6.6 Ft		6.6-9.9 Ft		9.9-13.2 Ft		13.2-16.5 Ft		16.5-19.8 Ft	
		Field Sample ID	OL-0187-06		OL-0187-07		OL-0187-08		OL-0187-09		OL-0187-10		OL-0187-11	
		Matrix	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
		Sample Purpose	Regular Sample		Field Duplicate		Regular Sample		Regular Sample		Regular Sample		Regular Sample	
		Sample Date	9/28/2006		9/28/2006		9/28/2006		9/28/2006		9/28/2006		9/28/2006	
		Sample Delivery Group	6I290214 C6I290234		6I290214 C6I290234		6I290214 C6I290234		6I290214 C6I290234		6I290214 C6I290234		6I290214 C6I290234	
Parameter Name	Units	Analytical Method												
SOLIDS, PERCENT	%	ASTM D2216	26.7		28.8		28.9		32.7		33.1		31.8	
SOLIDS, PERCENT	%	E160.3	29.6		30.2		31.8		34.1		32.5		32.2	
NITROGEN, AMMONIA (AS N)	mg/kg	E350.1	104	J	109	J	128	J	145	J	161	J	114	J
TOTAL ORGANIC CARBON	mg/kg	Lloyd Kahn	12100	J	12600	J	14600	J	14400	J	9970	J	14700	J
MERCURY	mg/kg	SW7471	0.31	J	0.33	J	0.29	J	0.34	J	0.099	J	0.066	J
AROCLOR-1016	ug/kg	SW8082	56	UJ	55	UJ	52	UJ	48	UJ	51	UJ	51	UJ
AROCLOR-1221	ug/kg	SW8082	56	UJ	55	UJ	52	UJ	48	UJ	51	UJ	51	UJ
AROCLOR-1232	ug/kg	SW8082	56	UJ	55	UJ	52	UJ	48	UJ	51	UJ	51	UJ
AROCLOR-1242	ug/kg	SW8082	56	UJ	55	UJ	52	UJ	48	UJ	51	UJ	51	UJ
AROCLOR-1248	ug/kg	SW8082	56	UJ	55	UJ	52	UJ	48	UJ	51	UJ	51	UJ
AROCLOR-1254	ug/kg	SW8082	56	UJ	55	UJ	52	UJ	48	UJ	51	UJ	51	UJ
AROCLOR-1260	ug/kg	SW8082	56	UJ	55	UJ	52	UJ	48	UJ	51	UJ	51	UJ
AROCLOR-1268	ug/kg	SW8082	56	UJ	55	UJ	52	UJ	48	UJ	51	UJ	51	UJ
PCBS, N.O.S.	ug/kg	SW8082	56	UJ	55	UJ	52	UJ	48	UJ	51	UJ	51	UJ
1,2,3-TRICHLOROBENZENE	ug/kg	SW8260	840	UJ	830	UJ	790	UJ	730	UJ	770	UJ	780	UJ
1,2,4-TRICHLOROBENZENE	ug/kg	SW8260	840	UJ	830	UJ	790	UJ	730	UJ	770	UJ	780	UJ
1,2-DICHLOROBENZENE	ug/kg	SW8260	840	UJ	830	UJ	790	UJ	730	UJ	770	UJ	780	UJ
1,3,5-TRICHLOROBENZENE	ug/kg	SW8260	840	UJ	830	UJ	790	UJ	730	UJ	770	UJ	780	UJ
1,3-DICHLOROBENZENE	ug/kg	SW8260	840	UJ	830	UJ	790	UJ	730	UJ	770	UJ	780	UJ
1,4-DICHLOROBENZENE	ug/kg	SW8260	840	UJ	830	UJ	790	UJ	730	UJ	770	UJ	780	UJ
BENZENE	ug/kg	SW8260	1300	J	1400	J	1600	J	4400	J	4800	J	9200	J
CHLOROBENZENE	ug/kg	SW8260	840	UJ	830	UJ	790	UJ	730	UJ	770	UJ	780	UJ
ETHYLBENZENE	ug/kg	SW8260	840	UJ	830	UJ	790	UJ	730	UJ	770	UJ	780	UJ
NAPHTHALENE	ug/kg	SW8260	840	UJ	830	UJ	790	UJ	380	J	300	J	640	J
TOLUENE	ug/kg	SW8260	130	J	130	J	120	J	390	J	300	J	790	J
XYLENES, TOTAL	ug/kg	SW8260	2500	UJ	2500	UJ	2400	UJ	290	J	2300	UJ	2300	UJ
ACENAPHTHENE	ug/kg	SW8270	19	J	110	UJ	51	J	92	J	100	UJ	100	UJ
ACENAPHTHYLENE	ug/kg	SW8270	110	UJ	110	UJ	100	UJ	98	UJ	100	UJ	100	UJ
ANTHRACENE	ug/kg	SW8270	40	J	49	J	100	UJ	120	J	27	J	100	UJ
BENZO(A)ANTHRACENE	ug/kg	SW8270	79	J	98	J	100	UJ	90	J	46	J	31	J
BENZO(A)PYRENE	ug/kg	SW8270	52	J	71	J	100	UJ	35	J	34	J	100	UJ
BENZO(B)FLUORANTHENE	ug/kg	SW8270	58	J	78	J	100	UJ	47	J	42	J	21	J
BENZO(G,H,I)PERYLENE	ug/kg	SW8270	35	J	38	J	100	UJ	98	UJ	20	J	100	UJ
BENZO(K)FLUORANTHENE	ug/kg	SW8270	25	J	110	UJ	100	UJ	98	UJ	100	UJ	100	UJ
CHRYSENE	ug/kg	SW8270	71	J	87	J	100	UJ	75	J	41	J	27	J
DIBENZO(A,H)ANTHRACENE	ug/kg	SW8270	8.5	J	110	UJ	100	UJ	98	UJ	100	UJ	100	UJ
FLUORANTHENE	ug/kg	SW8270	180	J	210	J	49	J	440	J	130	J	62	J
FLUORENE	ug/kg	SW8270	13	J	110	UJ	45	J	170	J	100	UJ	100	UJ
INDENO(1,2,3-CD)PYRENE	ug/kg	SW8270	32	J	37	J	100	UJ	98	UJ	100	UJ	100	UJ
PHENANTHRENE	ug/kg	SW8270	140	J	170	J	67	J	1000	J	110	J	65	J
PHENOL	ug/kg	SW8270	3700	J	4000	J	3800	J	3600	J	8100	J	6400	J
PYRENE	ug/kg	SW8270	170	J	200	J	46	J	380	J	120	J	77	J
SULFIDE	mg/kg	SW9030	506	UJ	497	UJ	471	UJ	440	UJ	461	UJ	465	UJ
pH	S.U.	SW9045	12		12		12		11.8		11.8		11.6	

Table 3A
Onondaga Lake Phase II Pre-Design Investigation
Summary of Sediment Analytical Results

		Location	OL-VC-30042		OL-VC-30042		OL-VC-30042		OL-VC-30042		OL-VC-30042		OL-VC-30042	
		Sample Depth	0.0-3.3 Ft		0.0-3.3 Ft		3.3-6.6 Ft		6.6-9.9 Ft		9.9-13.2 Ft		13.2-16.5 Ft	
		Field Sample ID	OL-0195-03		OL-0195-04		OL-0195-05		OL-0195-06		OL-0195-07		OL-0195-08	
		Matrix	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
		Sample Purpose	Regular Sample		Field Duplicate		Regular Sample		Regular Sample		Regular Sample		Regular Sample	
		Sample Date	10/3/2006		10/3/2006		10/3/2006		10/3/2006		10/3/2006		10/3/2006	
		Sample Delivery Group	6J040161 C6J040170		6J040161 C6J040170		6J040161 C6J040170		6J040161 C6J040170		6J040161 C6J040170		6J040161 C6J040170	
Parameter Name	Units	Analytical Method												
SOLIDS, PERCENT	%	ASTM D2216	38.1		38.9		25.4		25.6		28.8		30.7	
SOLIDS, PERCENT	%	E160.3	40.4		44.3		27.1		26.4		30		29.6	
NITROGEN, AMMONIA (AS N)	mg/kg	E350.1	118	J	114	J	209	J	229	J	193	J	184	J
TOTAL ORGANIC CARBON	mg/kg	Lloyd Kahn	39400	J	46000	J	26400	J	34500	J	35300	J	29900	J
MERCURY	mg/kg	SW7471	0.13	J	0.13	J	0.16	J	0.14	J	0.16	J	0.16	J
AROCLOR-1016	ug/kg	SW8082	41	UJ	37	UJ	61	UJ	62	UJ	55	UJ	56	UJ
AROCLOR-1221	ug/kg	SW8082	41	UJ	37	UJ	61	UJ	62	UJ	55	UJ	56	UJ
AROCLOR-1232	ug/kg	SW8082	41	UJ	37	UJ	61	UJ	62	UJ	55	UJ	56	UJ
AROCLOR-1242	ug/kg	SW8082	41	UJ	37	UJ	61	UJ	62	UJ	55	UJ	56	UJ
AROCLOR-1248	ug/kg	SW8082	41	UJ	37	UJ	61	UJ	62	UJ	55	UJ	56	UJ
AROCLOR-1254	ug/kg	SW8082	41	UJ	37	UJ	61	UJ	62	UJ	55	UJ	56	UJ
AROCLOR-1260	ug/kg	SW8082	41	UJ	37	UJ	61	UJ	62	UJ	55	UJ	56	UJ
AROCLOR-1268	ug/kg	SW8082	41	UJ	37	UJ	61	UJ	62	UJ	55	UJ	56	UJ
PCBS, N.O.S.	ug/kg	SW8082	41	UJ	37	UJ	61	UJ	62	UJ	55	UJ	56	UJ
1,2,3-TRICHLOROBENZENE	ug/kg	SW8260	12	UJ	11	UJ	18	UJ	19	UJ	17	UJ	17	UJ
1,2,4-TRICHLOROBENZENE	ug/kg	SW8260	12	UJ	11	UJ	18	UJ	19	UJ	17	UJ	17	UJ
1,2-DICHLOROBENZENE	ug/kg	SW8260	12	UJ	11	UJ	18	UJ	19	UJ	17	UJ	17	UJ
1,3,5-TRICHLOROBENZENE	ug/kg	SW8260	12	UJ	11	UJ	18	UJ	19	UJ	17	UJ	17	UJ
1,3-DICHLOROBENZENE	ug/kg	SW8260	12	UJ	11	UJ	18	UJ	19	UJ	17	UJ	17	UJ
1,4-DICHLOROBENZENE	ug/kg	SW8260	12	UJ	11	UJ	18	UJ	19	UJ	17	UJ	17	UJ
BENZENE	ug/kg	SW8260	12	UJ	11	UJ	18	UJ	160	J	17	UJ	5.6	J
CHLOROBENZENE	ug/kg	SW8260	12	UJ	11	UJ	18	UJ	19	UJ	17	UJ	17	UJ
ETHYLBENZENE	ug/kg	SW8260	12	UJ	11	UJ	18	UJ	19	UJ	17	UJ	17	UJ
NAPHTHALENE	ug/kg	SW8260	12	UJ	4.6	J	18	UJ	10	J	17	UJ	9.2	J
TOLUENE	ug/kg	SW8260	12	UJ	2.2	J	18	UJ	11	J	17	UJ	4.1	J
XYLENES, TOTAL	ug/kg	SW8260	37	UJ	34	UJ	55	UJ	57	UJ	50	UJ	51	UJ
ACENAPHTHENE	ug/kg	SW8270	83	UJ	75	UJ	120	UJ	63	UJ	56	UJ	56	UJ
ACENAPHTHYLENE	ug/kg	SW8270	39	J	43	J	42	J	63	UJ	56	UJ	56	UJ
ANTHRACENE	ug/kg	SW8270	60	J	57	J	48	J	17	J	42	J	50	J
BENZO(A)ANTHRACENE	ug/kg	SW8270	130	J	130	J	110	J	21	J	92	J	88	J
BENZO(A)PYRENE	ug/kg	SW8270	87	J	85	J	40	J	63	UJ	46	J	42	J
BENZO(B)FLUORANTHENE	ug/kg	SW8270	120	J	130	J	44	J	15	J	55	J	46	J
BENZO(G,H,I)PERYLENE	ug/kg	SW8270	63	J	61	J	23	J	63	UJ	25	J	24	J
BENZO(K)FLUORANTHENE	ug/kg	SW8270	50	J	41	J	120	UJ	63	UJ	21	J	56	UJ
CHRYSENE	ug/kg	SW8270	140	J	140	J	110	J	23	J	85	J	73	J
DIBENZO(A,H)ANTHRACENE	ug/kg	SW8270	83	UJ	75	UJ	120	UJ	63	UJ	56	UJ	56	UJ
FLUORANTHENE	ug/kg	SW8270	250	J	260	J	140	J	58	J	180	J	220	J
FLUORENE	ug/kg	SW8270	54	J	63	J	120	UJ	63	UJ	56	UJ	56	UJ
INDENO(1,2,3-CD)PYRENE	ug/kg	SW8270	52	J	53	J	120	UJ	63	UJ	23	J	16	J
PHENANTHRENE	ug/kg	SW8270	220	J	230	J	160	J	75	J	140	J	190	J
PHENOL	ug/kg	SW8270	6400	J	6300	J	5400	J	4000	J	3100	J	5700	J
PYRENE	ug/kg	SW8270	300	J	320	J	210	J	77	J	170	J	200	J
SULFIDE	mg/kg	SW9030	372	UJ	338	UJ	554	UJ	568	UJ	501	UJ	506	UJ
pH	S.U.	SW9045	11.6		11.6		11.9		12		12.1		12.1	

Table 3A
Onondaga Lake Phase II Pre-Design Investigation
Summary of Sediment Analytical Results

		Location	OL-VC-30042		OL-VC-30043		OL-VC-30043		OL-VC-30043		OL-VC-30043		OL-VC-30043	
		Sample Depth	16.5-19.8 Ft		0.0-3.3 Ft		3.3-6.6 Ft		6.6-9.9 Ft		9.9-13.2 Ft		13.2-16.5 Ft	
		Field Sample ID	OL-0195-09		OL-0187-12		OL-0187-13		OL-0187-14		OL-0187-15		OL-0187-16	
		Matrix	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
		Sample Purpose	Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample	
		Sample Date	10/3/2006		9/28/2006		9/28/2006		9/28/2006		9/28/2006		9/28/2006	
		Sample Delivery Group	6J040161 C6J040170		6I290214 C6I290234		6I290214 C6I290234		6I290214 C6I290234		6I290214 C6I290234		6I290214 C6I290234	
Parameter Name	Units	Analytical Method												
SOLIDS, PERCENT	%	ASTM D2216	33.2		33		28		40.9		49.9		55.2	
SOLIDS, PERCENT	%	E160.3	35.4		35.8		29.1		41.2		54.2		55.9	
NITROGEN, AMMONIA (AS N)	mg/kg	E350.1	128	J	36.4	J	104	J	56	J	47	J	125	J
TOTAL ORGANIC CARBON	mg/kg	Lloyd Kahn	40800	J	11600	J	3870	J	11600	J	40400	J	31500	
MERCURY	mg/kg	SW7471	0.17	J	0.084	J	0.084	J	0.091	J	0.031		0.0092	J
AROCLOR-1016	ug/kg	SW8082	47	UJ	46	UJ	57	UJ	40	UJ	30	U	30	U
AROCLOR-1221	ug/kg	SW8082	47	UJ	46	UJ	57	UJ	40	UJ	30	U	30	U
AROCLOR-1232	ug/kg	SW8082	47	UJ	46	UJ	57	UJ	40	UJ	30	U	30	U
AROCLOR-1242	ug/kg	SW8082	47	UJ	46	UJ	57	UJ	40	UJ	30	U	30	U
AROCLOR-1248	ug/kg	SW8082	47	UJ	46	UJ	57	UJ	40	UJ	30	U	30	U
AROCLOR-1254	ug/kg	SW8082	47	UJ	46	UJ	57	UJ	40	UJ	30	U	30	U
AROCLOR-1260	ug/kg	SW8082	47	UJ	46	UJ	57	UJ	40	UJ	30	U	30	U
AROCLOR-1268	ug/kg	SW8082	47	UJ	46	UJ	57	UJ	40	UJ	30	U	30	U
PCBS, N.O.S.	ug/kg	SW8082	47	UJ	46	UJ	57	UJ	40	UJ	30	U	30	U
1,2,3-TRICHLOROBENZENE	ug/kg	SW8260	14	UJ	700	UJ	860	UJ	610	UJ	460	U	450	U
1,2,4-TRICHLOROBENZENE	ug/kg	SW8260	14	UJ	700	UJ	860	UJ	610	UJ	460	U	450	U
1,2-DICHLOROBENZENE	ug/kg	SW8260	14	UJ	700	UJ	860	UJ	610	UJ	460	U	450	U
1,3,5-TRICHLOROBENZENE	ug/kg	SW8260	14	UJ	700	UJ	860	UJ	610	UJ	460	U	450	U
1,3-DICHLOROBENZENE	ug/kg	SW8260	14	UJ	700	UJ	860	UJ	610	UJ	460	U	450	U
1,4-DICHLOROBENZENE	ug/kg	SW8260	14	UJ	700	UJ	860	UJ	610	UJ	460	U	450	U
BENZENE	ug/kg	SW8260	3.8	J	6600	J	14000	J	7400	J	4400		5400	
CHLOROBENZENE	ug/kg	SW8260	14	UJ	700	UJ	860	UJ	610	UJ	460	U	450	U
ETHYLBENZENE	ug/kg	SW8260	14	UJ	700	UJ	860	UJ	610	UJ	460	U	450	U
NAPHTHALENE	ug/kg	SW8260	7.9	J	520	J	810	J	290	J	750		480	
TOLUENE	ug/kg	SW8260	2.4	J	2700	J	6200	J	2700	J	2500		2200	
XYLENES, TOTAL	ug/kg	SW8260	17	J	350	J	770	J	1800	UJ	610	J	280	J
ACENAPHTHENE	ug/kg	SW8270	94	UJ	93	UJ	110	UJ	49	J	61	U	60	U
ACENAPHTHYLENE	ug/kg	SW8270	94	UJ	35	J	36	J	160	J	61	U	60	U
ANTHRACENE	ug/kg	SW8270	31	J	67	J	55	J	250	J	61	U	60	U
BENZO(A)ANTHRACENE	ug/kg	SW8270	58	J	55	J	70	J	390	J	61	U	60	U
BENZO(A)PYRENE	ug/kg	SW8270	94	UJ	32	J	38	J	240	J	61	U	60	U
BENZO(B)FLUORANTHENE	ug/kg	SW8270	33	J	43	J	50	J	320	J	13	J	60	U
BENZO(G,H,I)PERYLENE	ug/kg	SW8270	18	J	20	J	21	J	150	J	61	U	60	U
BENZO(K)FLUORANTHENE	ug/kg	SW8270	94	UJ	93	UJ	110	UJ	130	J	61	U	60	U
CHRYSENE	ug/kg	SW8270	61	J	54	J	70	J	390	J	61	U	60	U
DIBENZO(A,H)ANTHRACENE	ug/kg	SW8270	94	UJ	93	UJ	110	UJ	58	J	61	U	60	U
FLUORANTHENE	ug/kg	SW8270	140	J	170	J	190	J	630	J	23	J	60	U
FLUORENE	ug/kg	SW8270	94	UJ	52	J	46	J	130	J	21	J	60	U
INDENO(1,2,3-CD)PYRENE	ug/kg	SW8270	94	UJ	93	UJ	110	UJ	150	J	61	U	60	U
PHENANTHRENE	ug/kg	SW8270	130	J	290	J	270	J	530	J	18	J	60	U
PHENOL	ug/kg	SW8270	5400	J	1500	J	2000	J	1500	J	890	J	1300	J
PYRENE	ug/kg	SW8270	140	J	160	J	210	J	710	J	20	J	60	U
SULFIDE	mg/kg	SW9030	424	UJ	419	UJ	516	UJ	486	J	277	U	268	U
pH	S.U.	SW9045	12		11.8		11.7		11.6		10.4		7.2	

Table 3A
Onondaga Lake Phase II Pre-Design Investigation
Summary of Sediment Analytical Results

		Location	OL-VC-30043	
		Sample Depth	16.5-19.4 Ft	
		Field Sample ID	OL-0187-17	
		Matrix	SOIL	
		Sample Purpose	Regular Sample	
		Sample Date	9/28/2006	
		Sample Delivery Group	6I290214 C6I290234	
Parameter Name	Units	Analytical Method		
SOLIDS, PERCENT	%	ASTM D2216	57.3	
SOLIDS, PERCENT	%	E160.3	57.9	
NITROGEN, AMMONIA (AS N)	mg/kg	E350.1	93.2	J
TOTAL ORGANIC CARBON	mg/kg	Lloyd Kahn	28600	
MERCURY	mg/kg	SW7471	0.0094	J
AROCLOR-1016	ug/kg	SW8082	28	U
AROCLOR-1221	ug/kg	SW8082	28	U
AROCLOR-1232	ug/kg	SW8082	28	U
AROCLOR-1242	ug/kg	SW8082	28	U
AROCLOR-1248	ug/kg	SW8082	28	U
AROCLOR-1254	ug/kg	SW8082	28	U
AROCLOR-1260	ug/kg	SW8082	28	U
AROCLOR-1268	ug/kg	SW8082	28	U
PCBS, N.O.S.	ug/kg	SW8082	28	U
1,2,3-TRICHLOROBENZENE	ug/kg	SW8260	430	U
1,2,4-TRICHLOROBENZENE	ug/kg	SW8260	430	U
1,2-DICHLOROBENZENE	ug/kg	SW8260	430	U
1,3,5-TRICHLOROBENZENE	ug/kg	SW8260	430	U
1,3-DICHLOROBENZENE	ug/kg	SW8260	430	U
1,4-DICHLOROBENZENE	ug/kg	SW8260	430	U
BENZENE	ug/kg	SW8260	2000	
CHLOROBENZENE	ug/kg	SW8260	430	U
ETHYLBENZENE	ug/kg	SW8260	430	U
NAPHTHALENE	ug/kg	SW8260	430	U
TOLUENE	ug/kg	SW8260	330	J
XYLENES, TOTAL	ug/kg	SW8260	1300	U
ACENAPHTHENE	ug/kg	SW8270	12	U
ACENAPHTHYLENE	ug/kg	SW8270	12	U
ANTHRACENE	ug/kg	SW8270	12	U
BENZO(A)ANTHRACENE	ug/kg	SW8270	12	U
BENZO(A)PYRENE	ug/kg	SW8270	12	U
BENZO(B)FLUORANTHENE	ug/kg	SW8270	12	U
BENZO(G,H,I)PERYLENE	ug/kg	SW8270	12	U
BENZO(K)FLUORANTHENE	ug/kg	SW8270	12	U
CHRYSENE	ug/kg	SW8270	12	U
DIBENZO(A,H)ANTHRACENE	ug/kg	SW8270	12	U
FLUORANTHENE	ug/kg	SW8270	12	U
FLUORENE	ug/kg	SW8270	12	U
INDENO(1,2,3-CD)PYRENE	ug/kg	SW8270	12	U
PHENANTHRENE	ug/kg	SW8270	6.8	J
PHENOL	ug/kg	SW8270	380	J
PYRENE	ug/kg	SW8270	12	U
SULFIDE	mg/kg	SW9030	259	U
pH	S.U.	SW9045	7.1	

Table 3A
Onondaga Lake Phase II Pre-Design Investigation
Summary of Sediment Analytical Results

		Location	OL-VC-40016		OL-VC-40016		OL-VC-40017		OL-VC-40017		OL-VC-40018		OL-VC-40018	
		Sample Depth	0.0-0.5 Ft		0.5-3.3 Ft		0.0-0.5 Ft		0.5-3.3 Ft		0.0-3.3 Ft		3.3-6.6 Ft	
		Field Sample ID	OL-0192-17		OL-0192-18		OL-0190-14		OL-0190-15		OL-0192-07		OL-0192-08	
		Matrix	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
		Sample Purpose	Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample	
		Sample Date	9/30/2006		9/30/2006		9/29/2006		9/29/2006		9/30/2006		9/30/2006	
		Sample Delivery Group	6J030151 C6J030176		6J030151 C6J030176		6I300162 C6I300167		6I300162 C6I300167		6J030151 C6J030176		6J030151 C6J030176	
Parameter Name	Units	Analytical Method												
SOLIDS, PERCENT	%	ASTM D2216	49.5		44.1		44.1		40.2		44.2		42.6	
SOLIDS, PERCENT	%	E160.3	43.7		43		41.9		45.1		48.2		47.5	
NITROGEN, AMMONIA (AS N)	mg/kg	E350.1	68.7	J	322	J	56.4	J	310	J	261	J	371	J
TOTAL ORGANIC CARBON	mg/kg	Lloyd Kahn	28500	J	21500	J	46000	J	55400	J	54700	J	46500	J
MERCURY	mg/kg	SW7471	3.5	J	30.6	J	4.8	J	18.5	J	42.3	J	49.4	J
AROCLOR-1016	ug/kg	SW8082												
AROCLOR-1221	ug/kg	SW8082												
AROCLOR-1232	ug/kg	SW8082												
AROCLOR-1242	ug/kg	SW8082												
AROCLOR-1248	ug/kg	SW8082												
AROCLOR-1254	ug/kg	SW8082												
AROCLOR-1260	ug/kg	SW8082												
AROCLOR-1268	ug/kg	SW8082												
PCBS, N.O.S.	ug/kg	SW8082												
1,2,3-TRICHLOROBENZENE	ug/kg	SW8260	11	UJ	12	UJ	12	UJ	11	UJ	10	UJ	11	UJ
1,2,4-TRICHLOROBENZENE	ug/kg	SW8260	11	UJ	12	UJ	12	UJ	11	UJ	10	UJ	11	UJ
1,2-DICHLOROBENZENE	ug/kg	SW8260	11	UJ	12	UJ	12	UJ	11	UJ	10	UJ	11	UJ
1,3,5-TRICHLOROBENZENE	ug/kg	SW8260	11	UJ	12	UJ	12	UJ	11	UJ	10	UJ	11	UJ
1,3-DICHLOROBENZENE	ug/kg	SW8260	11	UJ	4.5	J	12	UJ	5.7	J	5.6	J	8.1	J
1,4-DICHLOROBENZENE	ug/kg	SW8260	11	UJ	1.9	J	12	UJ	2.7	J	2.4	J	11	UJ
BENZENE	ug/kg	SW8260	11	UJ	1.8	J	12	UJ	11	UJ	2	J	4.8	J
CHLOROBENZENE	ug/kg	SW8260	11	UJ	3.2	J	12	UJ	11	UJ	8	J	9.1	J
ETHYLBENZENE	ug/kg	SW8260	11	UJ	12	UJ	12	UJ	11	UJ	10	UJ	11	UJ
NAPHTHALENE	ug/kg	SW8260	11	UJ	12	UJ	12	UJ	11	UJ	10	UJ	11	UJ
TOLUENE	ug/kg	SW8260	11	UJ	12	UJ	12	UJ	11	UJ	10	UJ	2.1	J
XYLENES, TOTAL	ug/kg	SW8260	34	UJ	35	UJ	36	UJ	33	UJ	31	UJ	9	J
ACENAPHTHENE	ug/kg	SW8270												
ACENAPHTHYLENE	ug/kg	SW8270												
ANTHRACENE	ug/kg	SW8270												
BENZO(A)ANTHRACENE	ug/kg	SW8270												
BENZO(A)PYRENE	ug/kg	SW8270												
BENZO(B)FLUORANTHENE	ug/kg	SW8270												
BENZO(G,H,I)PERYLENE	ug/kg	SW8270												
BENZO(K)FLUORANTHENE	ug/kg	SW8270												
CHRYSENE	ug/kg	SW8270												
DIBENZO(A,H)ANTHRACENE	ug/kg	SW8270												
FLUORANTHENE	ug/kg	SW8270												
FLUORENE	ug/kg	SW8270												
INDENO(1,2,3-CD)PYRENE	ug/kg	SW8270												
PHENANTHRENE	ug/kg	SW8270												
PHENOL	ug/kg	SW8270	23	UJ	16	UJ	40	UJ	30	UJ	21	UJ	25	J
PYRENE	ug/kg	SW8270												
SULFIDE	mg/kg	SW9030	344	UJ	349	UJ	763	J	443	J	166	J	316	UJ
pH	S.U.	SW9045	8		8		7.8		8.2		8.4		8.5	

Table 3A
Onondaga Lake Phase II Pre-Design Investigation
Summary of Sediment Analytical Results

		Location	OL-VC-40018		OL-VC-40019		OL-VC-40019		OL-VC-40020		OL-VC-40020		OL-VC-40021	
		Sample Depth	3.3-6.6 Ft		0.0-0.5 Ft		0.5-3.3 Ft		0.0-0.5 Ft		0.5-3.3 Ft		0.0-0.5 Ft	
		Field Sample ID	OL-0192-09		OL-0192-19		OL-0192-20		OL-0193-01		OL-0193-02		OL-0194-01	
		Matrix	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
		Sample Purpose	Field Duplicate		Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample	
		Sample Date	9/30/2006		9/30/2006		9/30/2006		10/2/2005		10/2/2005		10/2/2006	
		Sample Delivery Group	6J030151 C6J030176		6J030151 C6J030176		6J030151 C6J030176		6J030154 C6J030179		6J030154 C6J030179		6J030160 C6J030180	
Parameter Name	Units	Analytical Method												
SOLIDS, PERCENT	%	ASTM D2216	43.1		60		53.3		40.1		49.8		48.9	
SOLIDS, PERCENT	%	E160.3	44.3		60		52		49.9		53.9		44.5	
NITROGEN, AMMONIA (AS N)	mg/kg	E350.1	395	J	172		323		97	J	288	J	82.1	J
TOTAL ORGANIC CARBON	mg/kg	Lloyd Kahn	43500	J	27400	J	32800	J	44500	J	51700	J	40000	J
MERCURY	mg/kg	SW7471	60.6	J	1.6		5.9		1.3	J	1.7		1.6	J
AROCLOR-1016	ug/kg	SW8082												
AROCLOR-1221	ug/kg	SW8082												
AROCLOR-1232	ug/kg	SW8082												
AROCLOR-1242	ug/kg	SW8082												
AROCLOR-1248	ug/kg	SW8082												
AROCLOR-1254	ug/kg	SW8082												
AROCLOR-1260	ug/kg	SW8082												
AROCLOR-1268	ug/kg	SW8082												
PCBS, N.O.S.	ug/kg	SW8082												
1,2,3-TRICHLOROBENZENE	ug/kg	SW8260	11	UJ	8.3	U	9.6	U	10	UJ	9.3	U	11	UJ
1,2,4-TRICHLOROBENZENE	ug/kg	SW8260	11	UJ	8.3	U	9.6	U	10	UJ	9.3	U	11	UJ
1,2-DICHLOROBENZENE	ug/kg	SW8260	11	UJ	8.3	U	3.8	J	10	UJ	9.3	U	11	UJ
1,3,5-TRICHLOROBENZENE	ug/kg	SW8260	11	UJ	8.3	U	9.6	U	10	UJ	9.3	U	11	UJ
1,3-DICHLOROBENZENE	ug/kg	SW8260	13	J	7.4	J	24		10	UJ	2.3	J	11	UJ
1,4-DICHLOROBENZENE	ug/kg	SW8260	1.6	J	1.3	J	6.8	J	10	UJ	9.3	U	11	UJ
BENZENE	ug/kg	SW8260	11	J	3.6	J	8.4	J	10	UJ	9.3	U	11	UJ
CHLOROBENZENE	ug/kg	SW8260	17	J	6.6	J	29		10	UJ	2.5	J	11	UJ
ETHYLBENZENE	ug/kg	SW8260	11	UJ	8.3	U	3.2	J	10	UJ	9.3	U	11	UJ
NAPHTHALENE	ug/kg	SW8260	11	UJ	8.3	U	2.6	J	10	UJ	3.8	J	11	UJ
TOLUENE	ug/kg	SW8260	4.3	J	1.1	J	2.4	J	10	UJ	9.3	U	11	UJ
XYLENES, TOTAL	ug/kg	SW8260	17	J	11	J	75		30	UJ	28	U	34	UJ
ACENAPHTHENE	ug/kg	SW8270												
ACENAPHTHYLENE	ug/kg	SW8270												
ANTHRACENE	ug/kg	SW8270												
BENZO(A)ANTHRACENE	ug/kg	SW8270												
BENZO(A)PYRENE	ug/kg	SW8270												
BENZO(B)FLUORANTHENE	ug/kg	SW8270												
BENZO(G,H,I)PERYLENE	ug/kg	SW8270												
BENZO(K)FLUORANTHENE	ug/kg	SW8270												
CHRYSENE	ug/kg	SW8270												
DIBENZO(A,H)ANTHRACENE	ug/kg	SW8270												
FLUORANTHENE	ug/kg	SW8270												
FLUORENE	ug/kg	SW8270												
INDENO(1,2,3-CD)PYRENE	ug/kg	SW8270												
PHENANTHRENE	ug/kg	SW8270												
PHENOL	ug/kg	SW8270	23	UJ	4.3	J	6.4	U	20	J	6.2	U	37	UJ
PYRENE	ug/kg	SW8270												
SULFIDE	mg/kg	SW9030	90.4	J	66.7	J	288	UJ	301	UJ	278	UJ	337	UJ
pH	S.U.	SW9045	8.5		9.1		8.1		7.6		7.6		7.1	

Table 3A
Onondaga Lake Phase II Pre-Design Investigation
Summary of Sediment Analytical Results

		Location	OL-VC-40021		OL-VC-40022		OL-VC-40022		OL-VC-40022		OL-VC-40023		OL-VC-40023	
		Sample Depth	0.5-3.3 Ft		0.0-0.5 Ft		0.5-3.3 Ft		0.5-3.3 Ft		0.0-0.5 Ft		0.5-3.3 Ft	
		Field Sample ID	OL-0194-02		OL-0193-03		OL-0193-04		OL-0193-05		OL-0194-10		OL-0194-11	
		Matrix	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
		Sample Purpose	Regular Sample		Regular Sample		Regular Sample		Field Duplicate		Regular Sample		Regular Sample	
		Sample Date	10/2/2006		10/2/2006		10/2/2006		10/2/2006		10/2/2006		10/2/2006	
		Sample Delivery Group	6J030160 C6J030180		6J030154 C6J030179		6J030154 C6J030179		6J030154 C6J030179		6J030160 C6J030180		6J030160 C6J030180	
Parameter Name	Units	Analytical Method												
SOLIDS, PERCENT	%	ASTM D2216	46.8		57.5		47.1		52.9		45.3		45.7	
SOLIDS, PERCENT	%	E160.3	49.6		58.4		50.9		53.3		47.9		49.5	
NITROGEN, AMMONIA (AS N)	mg/kg	E350.1	402	J	56.5	J	329	J	299	J	64	J	289	J
TOTAL ORGANIC CARBON	mg/kg	Lloyd Kahn	28200	J	40900		35000	J	36200		32900	J	31400	J
MERCURY	mg/kg	SW7471	2.1	J	1.4		5.5		5		2.6	J	4	J
AROCLOR-1016	ug/kg	SW8082												
AROCLOR-1221	ug/kg	SW8082												
AROCLOR-1232	ug/kg	SW8082												
AROCLOR-1242	ug/kg	SW8082												
AROCLOR-1248	ug/kg	SW8082												
AROCLOR-1254	ug/kg	SW8082												
AROCLOR-1260	ug/kg	SW8082												
AROCLOR-1268	ug/kg	SW8082												
PCBS, N.O.S.	ug/kg	SW8082												
1,2,3-TRICHLOROBENZENE	ug/kg	SW8260	10	UJ	8.6	U	9.8	U	9.4	U	10	UJ	10	UJ
1,2,4-TRICHLOROBENZENE	ug/kg	SW8260	10	UJ	8.6	U	9.8	U	9.4	U	10	UJ	10	UJ
1,2-DICHLOROBENZENE	ug/kg	SW8260	2.7	J	8.6	U	9.8	U	9.4	U	10	UJ	10	UJ
1,3,5-TRICHLOROBENZENE	ug/kg	SW8260	10	UJ	8.6	U	9.8	U	9.4	U	10	UJ	10	UJ
1,3-DICHLOROBENZENE	ug/kg	SW8260	2	J	8.6	U	5	J	5.3	J	10	UJ	1.8	J
1,4-DICHLOROBENZENE	ug/kg	SW8260	2.1	J	8.6	U	2.4	J	1.9	J	10	UJ	10	UJ
BENZENE	ug/kg	SW8260	3.2	J	8.6	U	9.8	U	9.4	U	10	UJ	10	UJ
CHLOROBENZENE	ug/kg	SW8260	2.2	J	8.6	U	4.8	J	9.4	U	10	UJ	10	UJ
ETHYLBENZENE	ug/kg	SW8260	61	J	8.6	U	9.8	U	9.4	U	10	UJ	10	UJ
NAPHTHALENE	ug/kg	SW8260	3.4	J	8.6	U	9.8	U	9.4	U	10	UJ	10	UJ
TOLUENE	ug/kg	SW8260	2.8	J	8.6	U	9.8	U	9.4	U	10	UJ	10	UJ
XYLENES, TOTAL	ug/kg	SW8260	930	J	26	U	29	U	28	U	31	UJ	30	UJ
ACENAPHTHENE	ug/kg	SW8270												
ACENAPHTHYLENE	ug/kg	SW8270												
ANTHRACENE	ug/kg	SW8270												
BENZO(A)ANTHRACENE	ug/kg	SW8270												
BENZO(A)PYRENE	ug/kg	SW8270												
BENZO(B)FLUORANTHENE	ug/kg	SW8270												
BENZO(G,H,I)PERYLENE	ug/kg	SW8270												
BENZO(K)FLUORANTHENE	ug/kg	SW8270												
CHRYSENE	ug/kg	SW8270												
DIBENZO(A,H)ANTHRACENE	ug/kg	SW8270												
FLUORANTHENE	ug/kg	SW8270												
FLUORENE	ug/kg	SW8270												
INDENO(1,2,3-CD)PYRENE	ug/kg	SW8270												
PHENANTHRENE	ug/kg	SW8270												
PHENOL	ug/kg	SW8270	20	UJ	14		6.5	U	13	U	28	UJ	6.8	J
PYRENE	ug/kg	SW8270												
SULFIDE	mg/kg	SW9030	303	UJ	137	J	295	UJ	281	UJ	83.6	J	324	J
pH	S.U.	SW9045	7.4		7.6		7.6		7.6		7.4		7.5	

Table 3A
Onondaga Lake Phase II Pre-Design Investigation
Summary of Sediment Analytical Results

		Location	OL-VC-40024		OL-VC-40024		OL-VC-40025		OL-VC-40025		OL-VC-40025		OL-VC-40026	
		Sample Depth	0.0-0.5 Ft		0.5-3.3 Ft		0.0-3.3 Ft		3.3-6.6 Ft		6.6-9.9 Ft		0.0-3.3 Ft	
		Field Sample ID	OL-0193-06		OL-0193-07		OL-0189-14		OL-0189-15		OL-0189-16		OL-0192-10	
		Matrix	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
		Sample Purpose	Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample	
		Sample Date	10/2/2006		10/2/2006		9/29/2006		9/29/2006		9/29/2006		9/30/2006	
		Sample Delivery Group	6J030154 C6J030179		6J030154 C6J030179		6I300159 C6I300165		6I300159 C6I300165		6I300159 C6I300165		6J030151 C6J030176	
Parameter Name	Units	Analytical Method												
SOLIDS, PERCENT	%	ASTM D2216	47.5		50.2		45		36.9		47.5		43.4	
SOLIDS, PERCENT	%	E160.3	53		49.1		49.1		46.2		54.3		47.2	
NITROGEN, AMMONIA (AS N)	mg/kg	E350.1	91.4	J	246	J	228	J	304	J	249		187	J
TOTAL ORGANIC CARBON	mg/kg	Lloyd Kahn	37200	J	44600		25700	J	34900	J	56100	J	43500	J
MERCURY	mg/kg	SW7471	1.5		19.8	J	44.2	J	76.8	J	63.9		23.6	J
AROCLOR-1016	ug/kg	SW8082												
AROCLOR-1221	ug/kg	SW8082												
AROCLOR-1232	ug/kg	SW8082												
AROCLOR-1242	ug/kg	SW8082												
AROCLOR-1248	ug/kg	SW8082												
AROCLOR-1254	ug/kg	SW8082												
AROCLOR-1260	ug/kg	SW8082												
AROCLOR-1268	ug/kg	SW8082												
PCBS, N.O.S.	ug/kg	SW8082												
1,2,3-TRICHLOROBENZENE	ug/kg	SW8260	9.4	U	10	UJ	10	UJ	11	UJ	9.2	U	11	UJ
1,2,4-TRICHLOROBENZENE	ug/kg	SW8260	9.4	U	10	UJ	10	UJ	11	UJ	9.2	U	11	UJ
1,2-DICHLOROBENZENE	ug/kg	SW8260	9.4	U	10	UJ	5.7	J	11	UJ	9.2	U	5.3	J
1,3,5-TRICHLOROBENZENE	ug/kg	SW8260	9.4	U	10	UJ	5.2	J	11	UJ	9.2	U	11	UJ
1,3-DICHLOROBENZENE	ug/kg	SW8260	3.9	J	10	J	3.6	J	5.8	J	10		2.2	J
1,4-DICHLOROBENZENE	ug/kg	SW8260	1.4	J	2.7	J	2.1	J	11	UJ	1.6	J	3.6	J
BENZENE	ug/kg	SW8260	9.4	U	10	UJ	5.2	J	6.8	J	5.7	J	7.9	J
CHLOROBENZENE	ug/kg	SW8260	2.7	J	4.6	J	4.4	J	13	J	29		5.6	J
ETHYLBENZENE	ug/kg	SW8260	9.4	U	10	UJ	10	UJ	11	UJ	2.2	J	12	J
NAPHTHALENE	ug/kg	SW8260	9.4	U	10	UJ	10	UJ	11	UJ	9.2	U	11	UJ
TOLUENE	ug/kg	SW8260	9.4	U	10	UJ	10	UJ	2.1	J	1.9	J	13	J
XYLENES, TOTAL	ug/kg	SW8260	28	U	8.4	J	8.4	J	20	J	42		190	J
ACENAPHTHENE	ug/kg	SW8270												
ACENAPHTHYLENE	ug/kg	SW8270												
ANTHRACENE	ug/kg	SW8270												
BENZO(A)ANTHRACENE	ug/kg	SW8270												
BENZO(A)PYRENE	ug/kg	SW8270												
BENZO(B)FLUORANTHENE	ug/kg	SW8270												
BENZO(G,H,I)PERYLENE	ug/kg	SW8270												
BENZO(K)FLUORANTHENE	ug/kg	SW8270												
CHRYSENE	ug/kg	SW8270												
DIBENZO(A,H)ANTHRACENE	ug/kg	SW8270												
FLUORANTHENE	ug/kg	SW8270												
FLUORENE	ug/kg	SW8270												
INDENO(1,2,3-CD)PYRENE	ug/kg	SW8270												
PHENANTHRENE	ug/kg	SW8270												
PHENOL	ug/kg	SW8270	8	J	14	UJ	220	J	120	J	12	U	1300	J
PYRENE	ug/kg	SW8270												
SULFIDE	mg/kg	SW9030	283	UJ	305	UJ	306	UJ	325	UJ	276	UJ	318	UJ
pH	S.U.	SW9045	7.7		7.7		9.6		9		8.5		9.6	

Table 3A
Onondaga Lake Phase II Pre-Design Investigation
Summary of Sediment Analytical Results

		Location	OL-VC-40026		OL-VC-40026		OL-VC-40027		OL-VC-40027		OL-VC-40027		OL-VC-40027	
		Sample Depth	3.3-6.6 Ft		6.6-9.9 Ft		0.0-3.3 Ft		3.3-6.6 Ft		3.3-6.6 Ft		6.6-9.9 Ft	
		Field Sample ID	OL-0192-11		OL-0192-12		OL-0192-13		OL-0192-14		OL-0192-15		OL-0192-16	
		Matrix	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
		Sample Purpose	Regular Sample		Regular Sample		Regular Sample		Regular Sample		Field Duplicate		Regular Sample	
		Sample Date	9/30/2006		9/30/2006		9/30/2006		9/30/2006		9/30/2006		9/30/2006	
		Sample Delivery Group	6J030151 C6J030176		6J030151 C6J030176		6J030151 C6J030176		6J030151 C6J030176		6J030151 C6J030176		6J030151 C6J030176	
Parameter Name	Units	Analytical Method												
SOLIDS, PERCENT	%	ASTM D2216	48		43.4		51.8		42		37.5		42.6	
SOLIDS, PERCENT	%	E160.3	48.9		47.3		54.8		52		44.3		41.3	
NITROGEN, AMMONIA (AS N)	mg/kg	E350.1	259	J	243	J	307		256		290	J	382	J
TOTAL ORGANIC CARBON	mg/kg	Lloyd Kahn	45300	J	57500	J	41200	J	46900	J	55300	J	39200	J
MERCURY	mg/kg	SW7471	67.1	J	55.2	J	25.1		55		70.6	J	33.3	J
AROCLOR-1016	ug/kg	SW8082												
AROCLOR-1221	ug/kg	SW8082												
AROCLOR-1232	ug/kg	SW8082												
AROCLOR-1242	ug/kg	SW8082												
AROCLOR-1248	ug/kg	SW8082												
AROCLOR-1254	ug/kg	SW8082												
AROCLOR-1260	ug/kg	SW8082												
AROCLOR-1268	ug/kg	SW8082												
PCBS, N.O.S.	ug/kg	SW8082												
1,2,3-TRICHLOROBENZENE	ug/kg	SW8260	10	UJ	11	UJ	9.1	U	2.6	J	3.4	J	12	UJ
1,2,4-TRICHLOROBENZENE	ug/kg	SW8260	10	UJ	11	UJ	9.1	U	9.6	U	11	UJ	12	UJ
1,2-DICHLOROBENZENE	ug/kg	SW8260	4.3	J	11	UJ	9.1	U	9.6	U	11	UJ	12	UJ
1,3,5-TRICHLOROBENZENE	ug/kg	SW8260	6.8	J	11	UJ	9.1	U	9.6	U	11	UJ	12	UJ
1,3-DICHLOROBENZENE	ug/kg	SW8260	18	J	11	UJ	6.7	J	9.6	U	11	UJ	12	UJ
1,4-DICHLOROBENZENE	ug/kg	SW8260	4.5	J	11	UJ	1.9	J	9.6	U	11	UJ	12	UJ
BENZENE	ug/kg	SW8260	13	J	8.6	J	12		10		16	J	14	J
CHLOROBENZENE	ug/kg	SW8260	5.6	J	11	UJ	7	J	9.6	U	11	UJ	12	UJ
ETHYLBENZENE	ug/kg	SW8260	29	J	11	UJ	9.1	U	9.6	U	11	UJ	12	UJ
NAPHTHALENE	ug/kg	SW8260	2.6	J	11	UJ	9.1	U	9.6	U	11	UJ	12	UJ
TOLUENE	ug/kg	SW8260	16	J	3.6	J	9.1	U	4.9	J	5.7	J	6.8	J
XYLENES, TOTAL	ug/kg	SW8260	510	J	24	J	31		35		52	J	13	J
ACENAPHTHENE	ug/kg	SW8270												
ACENAPHTHYLENE	ug/kg	SW8270												
ANTHRACENE	ug/kg	SW8270												
BENZO(A)ANTHRACENE	ug/kg	SW8270												
BENZO(A)PYRENE	ug/kg	SW8270												
BENZO(B)FLUORANTHENE	ug/kg	SW8270												
BENZO(G,H,I)PERYLENE	ug/kg	SW8270												
BENZO(K)FLUORANTHENE	ug/kg	SW8270												
CHRYSENE	ug/kg	SW8270												
DIBENZO(A,H)ANTHRACENE	ug/kg	SW8270												
FLUORANTHENE	ug/kg	SW8270												
FLUORENE	ug/kg	SW8270												
INDENO(1,2,3-CD)PYRENE	ug/kg	SW8270												
PHENANTHRENE	ug/kg	SW8270												
PHENOL	ug/kg	SW8270	1100	J	800	J	28		2100		2000	J	2100	J
PYRENE	ug/kg	SW8270												
SULFIDE	mg/kg	SW9030	327	J	508	J	273	UJ	289	UJ	339	UJ	363	UJ
pH	S.U.	SW9045	9.3		9.4		8.1		9.4		9.4		9.9	

Table 3A
Onondaga Lake Phase II Pre-Design Investigation
Summary of Sediment Analytical Results

		Location	OL-VC-40028		OL-VC-40028		OL-VC-40028		OL-VC-40029		OL-VC-40029		OL-VC-40029	
		Sample Depth	0.0-3.3 Ft		3.3-6.6 Ft		6.6-9.9 Ft		0.0-3.3 Ft		3.3-6.6 Ft		6.6-9.9 Ft	
		Field Sample ID	OL-0194-12		OL-0194-13		OL-0194-14		OL-0193-08		OL-0193-09		OL-0193-10	
		Matrix	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
		Sample Purpose	Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample	
		Sample Date	10/2/2006		10/2/2006		10/2/2006		10/2/2006		10/2/2006		10/2/2006	
		Sample Delivery Group	6J030160 C6J030180		6J030160 C6J030180		6J030160 C6J030180		6J030154 C6J030179		6J030154 C6J030179		6J030154 C6J030179	
Parameter Name	Units	Analytical Method												
SOLIDS, PERCENT	%	ASTM D2216	56.4		54.9		45.2		52.4		55.2		45.2	
SOLIDS, PERCENT	%	E160.3	60.3		58.8		55.7		56.7		55.7		53	
NITROGEN, AMMONIA (AS N)	mg/kg	E350.1	224	J	389	J	412	J	230	J	413	J	530	J
TOTAL ORGANIC CARBON	mg/kg	Lloyd Kahn	19800	J	33700	J	48700	J	45300		56200		60400	J
MERCURY	mg/kg	SW7471	1.3		3.5		30.2		1.3		3		40.5	
AROCLOR-1016	ug/kg	SW8082												
AROCLOR-1221	ug/kg	SW8082												
AROCLOR-1232	ug/kg	SW8082												
AROCLOR-1242	ug/kg	SW8082												
AROCLOR-1248	ug/kg	SW8082												
AROCLOR-1254	ug/kg	SW8082												
AROCLOR-1260	ug/kg	SW8082												
AROCLOR-1268	ug/kg	SW8082												
PCBS, N.O.S.	ug/kg	SW8082												
1,2,3-TRICHLOROBENZENE	ug/kg	SW8260	8.3	U	8.5	U	9	U	8.8	U	9	U	9.4	U
1,2,4-TRICHLOROBENZENE	ug/kg	SW8260	8.3	U	8.5	U	9	U	8.8	U	9	U	9.4	U
1,2-DICHLOROBENZENE	ug/kg	SW8260	8.3	U	8.5	U	9	U	8.8	U	9	U	9.4	U
1,3,5-TRICHLOROBENZENE	ug/kg	SW8260	8.3	U	8.5	U	9	U	8.8	U	9	U	9.4	U
1,3-DICHLOROBENZENE	ug/kg	SW8260	8.3	U	2.6	J	4.2	J	8.8	U	5.8	J	8.3	J
1,4-DICHLOROBENZENE	ug/kg	SW8260	8.3	U	8.5	U	1.2	J	8.8	U	9	U	2.8	J
BENZENE	ug/kg	SW8260	8.3	U	8.5	U	1.6	J	8.8	U	1.9	J	3.5	J
CHLOROBENZENE	ug/kg	SW8260	8.3	U	1.5	J	6.4	J	1.6	J	4.4	J	19	
ETHYLBENZENE	ug/kg	SW8260	8.3	U	8.5	U	9	U	8.8	U	9	U	9.4	U
NAPHTHALENE	ug/kg	SW8260	8.3	U	8.5	U	9	U	8.8	U	9	U	9.4	U
TOLUENE	ug/kg	SW8260	8.3	U	8.5	U	9	U	8.8	U	9	U	9.4	U
XYLENES, TOTAL	ug/kg	SW8260	25	U	26	U	13	J	26	U	27	U	11	J
ACENAPHTHENE	ug/kg	SW8270												
ACENAPHTHYLENE	ug/kg	SW8270												
ANTHRACENE	ug/kg	SW8270												
BENZO(A)ANTHRACENE	ug/kg	SW8270												
BENZO(A)PYRENE	ug/kg	SW8270												
BENZO(B)FLUORANTHENE	ug/kg	SW8270												
BENZO(G,H,I)PERYLENE	ug/kg	SW8270												
BENZO(K)FLUORANTHENE	ug/kg	SW8270												
CHRYSENE	ug/kg	SW8270												
DIBENZO(A,H)ANTHRACENE	ug/kg	SW8270												
FLUORANTHENE	ug/kg	SW8270												
FLUORENE	ug/kg	SW8270												
INDENO(1,2,3-CD)PYRENE	ug/kg	SW8270												
PHENANTHRENE	ug/kg	SW8270												
PHENOL	ug/kg	SW8270	5.5	UJ	11	UJ	11	J	12	U	6	U	13	U
PYRENE	ug/kg	SW8270												
SULFIDE	mg/kg	SW9030	249	U	255	U	269	U	106	J	269	UJ	283	UJ
pH	S.U.	SW9045	7.6		7.6		7.9		7.5		7.6		7.8	

Table 3A
Onondaga Lake Phase II Pre-Design Investigation
Summary of Sediment Analytical Results

		Location	OL-VC-40030		OL-VC-40030		OL-VC-40030		OL-VC-40030		OL-VC-40031		OL-VC-40031	
		Sample Depth	0.0-3.3 Ft		3.3-6.6 Ft		6.6-9.9 Ft		6.6-9.9 Ft		0.0-3.3 Ft		3.3-6.6 Ft	
		Field Sample ID	OL-0189-01		OL-0189-02		OL-0189-03		OL-0189-04		OL-0193-11		OL-0193-12	
		Matrix	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
		Sample Purpose	Regular Sample		Regular Sample		Regular Sample		Field Duplicate		Regular Sample		Regular Sample	
		Sample Date	9/29/2006		9/29/2006		9/29/2006		9/29/2006		10/2/2006		10/2/2006	
		Sample Delivery Group	6I300159 C6I300165		6I300159 C6I300165		6I300159 C6I300165		6I300159 C6I300165		6J030154 C6J030179		6J030154 C6J030179	
Parameter Name	Units	Analytical Method												
SOLIDS, PERCENT	%	ASTM D2216	54.3		54.4		61.3		57.4		52.7		49.6	
SOLIDS, PERCENT	%	E160.3	55		50.3		61.5		55.5		48.1		55.6	
NITROGEN, AMMONIA (AS N)	mg/kg	E350.1	106		215		173		181		116	J	265	J
TOTAL ORGANIC CARBON	mg/kg	Lloyd Kahn	33900		56400		68900		72300		49600		52500	J
MERCURY	mg/kg	SW7471	4.9		34.3		0.7		1.4		35.8	J	0.39	
AROCLOR-1016	ug/kg	SW8082												
AROCLOR-1221	ug/kg	SW8082												
AROCLOR-1232	ug/kg	SW8082												
AROCLOR-1242	ug/kg	SW8082												
AROCLOR-1248	ug/kg	SW8082												
AROCLOR-1254	ug/kg	SW8082												
AROCLOR-1260	ug/kg	SW8082												
AROCLOR-1268	ug/kg	SW8082												
PCBS, N.O.S.	ug/kg	SW8082												
1,2,3-TRICHLOROBENZENE	ug/kg	SW8260	9.1	U	9.9	U	8.1	U	9	U	10	UJ	9	U
1,2,4-TRICHLOROBENZENE	ug/kg	SW8260	9.1	U	9.9	U	8.1	U	9	U	10	UJ	9	U
1,2-DICHLOROBENZENE	ug/kg	SW8260	9.1	U	9.9	U	8.1	U	9	U	10	UJ	9	U
1,3,5-TRICHLOROBENZENE	ug/kg	SW8260	9.1	U	9.9	U	8.1	U	9	U	10	UJ	9	U
1,3-DICHLOROBENZENE	ug/kg	SW8260	9.1	U	9.9	U	8.1	U	9	U	8.6	J	9	U
1,4-DICHLOROBENZENE	ug/kg	SW8260	9.1	U	9.9	U	8.1	U	9	U	1.8	J	9	U
BENZENE	ug/kg	SW8260	9.1	U	9.9	U	8.1	U	9	U	10	UJ	9	U
CHLOROBENZENE	ug/kg	SW8260	9.1	U	9.9	U	8.1	U	9	U	4.1	J	9	U
ETHYLBENZENE	ug/kg	SW8260	9.1	U	9.9	U	8.1	U	9	U	10	UJ	9	U
NAPHTHALENE	ug/kg	SW8260	9.1	U	9.9	U	8.1	U	9	U	10	UJ	9	U
TOLUENE	ug/kg	SW8260	9.1	U	9.9	U	8.1	U	9	U	10	UJ	9	U
XYLENES, TOTAL	ug/kg	SW8260	27	U	30	U	24	U	27	U	31	UJ	27	U
ACENAPHTHENE	ug/kg	SW8270												
ACENAPHTHYLENE	ug/kg	SW8270												
ANTHRACENE	ug/kg	SW8270												
BENZO(A)ANTHRACENE	ug/kg	SW8270												
BENZO(A)PYRENE	ug/kg	SW8270												
BENZO(B)FLUORANTHENE	ug/kg	SW8270												
BENZO(G,H,I)PERYLENE	ug/kg	SW8270												
BENZO(K)FLUORANTHENE	ug/kg	SW8270												
CHRYSENE	ug/kg	SW8270												
DIBENZO(A,H)ANTHRACENE	ug/kg	SW8270												
FLUORANTHENE	ug/kg	SW8270												
FLUORENE	ug/kg	SW8270												
INDENO(1,2,3-CD)PYRENE	ug/kg	SW8270												
PHENANTHRENE	ug/kg	SW8270												
PHENOL	ug/kg	SW8270	7.8	J	6.6	U	19		16		7.2	J	22	
PYRENE	ug/kg	SW8270												
SULFIDE	mg/kg	SW9030	273	UJ	298	UJ	244	UJ	270	UJ	312	UJ	270	UJ
pH	S.U.	SW9045	7.4		7.4		7.2		7.2		7.3		6.8	

Table 3A
Onondaga Lake Phase II Pre-Design Investigation
Summary of Sediment Analytical Results

		Location	OL-VC-40031			OL-VC-40032			OL-VC-40032			OL-VC-40032			OL-VC-40033			OL-VC-40033	
		Sample Depth	6.6-9.9 Ft			0.0-3.3 Ft			3.3-6.6 Ft			6.6-9.9 Ft			0.0-3.3 Ft			3.3-6.6 Ft	
		Field Sample ID	OL-0193-13			OL-0193-14			OL-0193-15			OL-0193-16			OL-0191-01			OL-0191-02	
		Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL	
		Sample Purpose	Regular Sample			Regular Sample			Regular Sample			Regular Sample			Regular Sample			Regular Sample	
		Sample Date	10/2/2006			10/2/2006			10/2/2006			10/2/2006			9/29/2006			9/29/2006	
		Sample Delivery Group	6J030154 C6J030179			6J030154 C6J030179			6J030154 C6J030179			6J030154 C6J030179			6I300163 C6I300173			6I300163 C6I300173	
Parameter Name	Units	Analytical Method																	
SOLIDS, PERCENT	%	ASTM D2216	48.9			39.9			31.7			47.2			56.5			56.5	
SOLIDS, PERCENT	%	E160.3	50.3			44.3			30.5			49.2			60			55	
NITROGEN, AMMONIA (AS N)	mg/kg	E350.1	359	J		195	J		223	J		334	J		14.7	UJ		18.2	UJ
TOTAL ORGANIC CARBON	mg/kg	Lloyd Kahn	78000	J		58400	J		25400	J		63400	J		48200			38500	
MERCURY	mg/kg	SW7471	0.091			35.5	J		0.69	J		0.046	J		0.028	U		0.03	U
AROCLOR-1016	ug/kg	SW8082																	
AROCLOR-1221	ug/kg	SW8082																	
AROCLOR-1232	ug/kg	SW8082																	
AROCLOR-1242	ug/kg	SW8082																	
AROCLOR-1248	ug/kg	SW8082																	
AROCLOR-1254	ug/kg	SW8082																	
AROCLOR-1260	ug/kg	SW8082																	
AROCLOR-1268	ug/kg	SW8082																	
PCBS, N.O.S.	ug/kg	SW8082																	
1,2,3-TRICHLOROBENZENE	ug/kg	SW8260	9.9	U		11	UJ		16	UJ		10	UJ		8.3	U		9.1	U
1,2,4-TRICHLOROBENZENE	ug/kg	SW8260	9.9	U		11	UJ		16	UJ		10	UJ		8.3	U		9.1	U
1,2-DICHLOROBENZENE	ug/kg	SW8260	9.9	U		11	UJ		16	UJ		10	UJ		8.3	U		9.1	U
1,3,5-TRICHLOROBENZENE	ug/kg	SW8260	9.9	U		11	UJ		16	UJ		10	UJ		8.3	U		9.1	U
1,3-DICHLOROBENZENE	ug/kg	SW8260	9.9	U		11	UJ		16	UJ		10	UJ		8.3	U		9.1	U
1,4-DICHLOROBENZENE	ug/kg	SW8260	9.9	U		11	UJ		16	UJ		10	UJ		8.3	U		9.1	U
BENZENE	ug/kg	SW8260	9.9	U		11	UJ		16	UJ		10	UJ		8.3	U		9.1	U
CHLOROBENZENE	ug/kg	SW8260	9.9	U		11	UJ		16	UJ		10	UJ		8.3	U		9.1	U
ETHYLBENZENE	ug/kg	SW8260	9.9	U		11	UJ		16	UJ		10	UJ		8.3	U		9.1	U
NAPHTHALENE	ug/kg	SW8260	9.9	U		11	UJ		5.8	J		10	UJ		8.3	U		9.1	U
TOLUENE	ug/kg	SW8260	9.9	U		11	UJ		16	UJ		10	UJ		8.3	U		9.1	U
XYLENES, TOTAL	ug/kg	SW8260	30	U		34	UJ		49	UJ		31	UJ		25	U		27	U
ACENAPHTHENE	ug/kg	SW8270																	
ACENAPHTHYLENE	ug/kg	SW8270																	
ANTHRACENE	ug/kg	SW8270																	
BENZO(A)ANTHRACENE	ug/kg	SW8270																	
BENZO(A)PYRENE	ug/kg	SW8270																	
BENZO(B)FLUORANTHENE	ug/kg	SW8270																	
BENZO(G,H,I)PERYLENE	ug/kg	SW8270																	
BENZO(K)FLUORANTHENE	ug/kg	SW8270																	
CHRYSENE	ug/kg	SW8270																	
DIBENZO(A,H)ANTHRACENE	ug/kg	SW8270																	
FLUORANTHENE	ug/kg	SW8270																	
FLUORENE	ug/kg	SW8270																	
INDENO(1,2,3-CD)PYRENE	ug/kg	SW8270																	
PHENANTHRENE	ug/kg	SW8270																	
PHENOL	ug/kg	SW8270	6.6	U		15	UJ		50	J		14	UJ		5.6	U		6.1	U
PYRENE	ug/kg	SW8270																	
SULFIDE	mg/kg	SW9030	298	UJ		339	UJ		492	UJ		305	UJ		66.6	J		273	UJ
pH	S.U.	SW9045	6.9			9			10.4			7.5			7.5			7.4	

Table 3A
Onondaga Lake Phase II Pre-Design Investigation
Summary of Sediment Analytical Results

		Location	OL-VC-40033		OL-VC-40033		OL-VC-40033		OL-VC-40033		OL-VC-40034		OL-VC-40034	
		Sample Depth	6.6-9.9 Ft		9.9-13.2 Ft		13.2-16.5 Ft		16.5-19.8 Ft		0.0-3.3 Ft		3.3-6.6 Ft	
		Field Sample ID	OL-0191-03		OL-0191-04		OL-0191-05		OL-0191-06		OL-0192-01		OL-0192-02	
		Matrix	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
		Sample Purpose	Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample	
		Sample Date	9/29/2006		9/29/2006		9/29/2006		9/29/2006		9/30/2006		9/30/2006	
		Sample Delivery Group	6I300163 C6I300173		6I300163 C6I300173		6I300163 C6I300173		6I300163 C6I300173		6J030151 C6J030176		6J030151 C6J030176	
Parameter Name	Units	Analytical Method												
SOLIDS, PERCENT	%	ASTM D2216	60.9		63.6		56.9		53.9		57.8		48.9	
SOLIDS, PERCENT	%	E160.3	63		64.5		62.2		59.8		59.6		61.9	
NITROGEN, AMMONIA (AS N)	mg/kg	E350.1	14.7	UJ	23.3	UJ	21.2	UJ	21.7	UJ	21.8		17.3	
TOTAL ORGANIC CARBON	mg/kg	Lloyd Kahn	50400		30300		26800		34400		42200	J	44700	J
MERCURY	mg/kg	SW7471	0.0066	J	0.024	J	0.015	J	0.013	J	0.023	J	0.0065	J
AROCLOR-1016	ug/kg	SW8082												
AROCLOR-1221	ug/kg	SW8082												
AROCLOR-1232	ug/kg	SW8082												
AROCLOR-1242	ug/kg	SW8082												
AROCLOR-1248	ug/kg	SW8082												
AROCLOR-1254	ug/kg	SW8082												
AROCLOR-1260	ug/kg	SW8082												
AROCLOR-1268	ug/kg	SW8082												
PCBS, N.O.S.	ug/kg	SW8082												
1,2,3-TRICHLOROBENZENE	ug/kg	SW8260	7.9	U	7.8	U	8	U	8.4	U	8.4	U	8.1	U
1,2,4-TRICHLOROBENZENE	ug/kg	SW8260	7.9	U	7.8	U	8	U	8.4	U	8.4	U	8.1	U
1,2-DICHLOROBENZENE	ug/kg	SW8260	7.9	U	7.8	U	8	U	8.4	U	8.4	U	8.1	U
1,3,5-TRICHLOROBENZENE	ug/kg	SW8260	7.9	U	7.8	U	8	U	8.4	U	8.4	U	8.1	U
1,3-DICHLOROBENZENE	ug/kg	SW8260	7.9	U	7.8	U	8	U	8.4	U	8.4	U	8.1	U
1,4-DICHLOROBENZENE	ug/kg	SW8260	7.9	U	7.8	U	8	U	8.4	U	8.4	U	8.1	U
BENZENE	ug/kg	SW8260	7.9	U	7.8	U	8	U	8.4	U	8.4	U	8.1	U
CHLOROBENZENE	ug/kg	SW8260	7.9	U	7.8	U	8	U	8.4	U	8.4	U	8.1	U
ETHYLBENZENE	ug/kg	SW8260	7.9	U	7.8	U	8	U	8.4	U	8.4	U	8.1	U
NAPHTHALENE	ug/kg	SW8260	7.9	U	7.8	U	8	U	8.4	U	8.4	U	8.1	U
TOLUENE	ug/kg	SW8260	7.9	U	7.8	U	8	U	8.4	U	8.4	U	8.1	U
XYLENES, TOTAL	ug/kg	SW8260	24	U	23	U	24	U	25	U	25	U	24	U
ACENAPHTHENE	ug/kg	SW8270												
ACENAPHTHYLENE	ug/kg	SW8270												
ANTHRACENE	ug/kg	SW8270												
BENZO(A)ANTHRACENE	ug/kg	SW8270												
BENZO(A)PYRENE	ug/kg	SW8270												
BENZO(B)FLUORANTHENE	ug/kg	SW8270												
BENZO(G,H,I)PERYLENE	ug/kg	SW8270												
BENZO(K)FLUORANTHENE	ug/kg	SW8270												
CHRYSENE	ug/kg	SW8270												
DIBENZO(A,H)ANTHRACENE	ug/kg	SW8270												
FLUORANTHENE	ug/kg	SW8270												
FLUORENE	ug/kg	SW8270												
INDENO(1,2,3-CD)PYRENE	ug/kg	SW8270												
PHENANTHRENE	ug/kg	SW8270												
PHENOL	ug/kg	SW8270	5.3	U	5.2	U	5.4	U	5.6	U	5.6	U	5.4	U
PYRENE	ug/kg	SW8270												
SULFIDE	mg/kg	SW9030	238	UJ	233	UJ	241	UJ	251	UJ	252	UJ	243	UJ
pH	S.U.	SW9045	7.5		7.6		7.6		7.7		7.5		7.4	

Table 3A
Onondaga Lake Phase II Pre-Design Investigation
Summary of Sediment Analytical Results

		Location	OL-VC-40034		OL-VC-40034		OL-VC-40034		OL-VC-40034		OL-VC-40035		OL-VC-40035	
		Sample Depth	6.6-9.9 Ft		9.9-13.2 Ft		13.2-16.5 Ft		16.5-17.8 Ft		0.0-3.3 Ft		3.3-6.6 Ft	
		Field Sample ID	OL-0192-03		OL-0192-04		OL-0192-05		OL-0192-06		OL-0188-01		OL-0188-02	
		Matrix	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
		Sample Purpose	Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample	
		Sample Date	9/30/2006		9/30/2006		9/30/2006		9/30/2006		9/28/2006		9/28/2006	
		Sample Delivery Group	6J030151 C6J030176		6J030151 C6J030176		6J030151 C6J030176		6J030151 C6J030176		6I290225 C6I290240		6I290225 C6I290240	
Parameter Name	Units	Analytical Method												
SOLIDS, PERCENT	%	ASTM D2216	61.6		61.8		61.2		57.4		49.2		49.9	
SOLIDS, PERCENT	%	E160.3	61.8		65.8		66.4		65		52.2		50.4	
NITROGEN, AMMONIA (AS N)	mg/kg	E350.1	15.8		22.7		21.5		48.5		112		114	
TOTAL ORGANIC CARBON	mg/kg	Lloyd Kahn	45000	J	27600	J	19100	J	27100	J	54900	J	60000	J
MERCURY	mg/kg	SW7471	0.0078	J	0.027		0.016	J	0.016	J	57.1		5.8	
AROCLOR-1016	ug/kg	SW8082												
AROCLOR-1221	ug/kg	SW8082												
AROCLOR-1232	ug/kg	SW8082												
AROCLOR-1242	ug/kg	SW8082												
AROCLOR-1248	ug/kg	SW8082												
AROCLOR-1254	ug/kg	SW8082												
AROCLOR-1260	ug/kg	SW8082												
AROCLOR-1268	ug/kg	SW8082												
PCBS, N.O.S.	ug/kg	SW8082												
1,2,3-TRICHLOROBENZENE	ug/kg	SW8260	8.1	U	7.6	U	7.5	U	7.7	U	9.6	U	9.9	U
1,2,4-TRICHLOROBENZENE	ug/kg	SW8260	8.1	U	7.6	U	7.5	U	7.7	U	9.6	U	9.9	U
1,2-DICHLOROBENZENE	ug/kg	SW8260	8.1	U	7.6	U	7.5	U	7.7	U	7.5	J	9.9	U
1,3,5-TRICHLOROBENZENE	ug/kg	SW8260	8.1	U	7.6	U	7.5	U	7.7	U	9.6	U	9.9	U
1,3-DICHLOROBENZENE	ug/kg	SW8260	8.1	U	7.6	U	7.5	U	7.7	U	13		4.8	J
1,4-DICHLOROBENZENE	ug/kg	SW8260	8.1	U	7.6	U	7.5	U	7.7	U	11		9.9	U
BENZENE	ug/kg	SW8260	8.1	U	7.6	U	7.5	U	7.7	U	9.6	U	9.9	U
CHLOROBENZENE	ug/kg	SW8260	8.1	U	7.6	U	7.5	U	7.7	U	72		15	
ETHYLBENZENE	ug/kg	SW8260	8.1	U	7.6	U	7.5	U	7.7	U	10		9.9	U
NAPHTHALENE	ug/kg	SW8260	8.1	U	7.6	U	7.5	U	7.7	U	9.6	U	9.9	U
TOLUENE	ug/kg	SW8260	8.1	U	7.6	U	7.5	U	7.7	U	9.6	U	9.9	U
XYLENES, TOTAL	ug/kg	SW8260	24	U	23	U	23	U	23	U	140		60	
ACENAPHTHENE	ug/kg	SW8270												
ACENAPHTHYLENE	ug/kg	SW8270												
ANTHRACENE	ug/kg	SW8270												
BENZO(A)ANTHRACENE	ug/kg	SW8270												
BENZO(A)PYRENE	ug/kg	SW8270												
BENZO(B)FLUORANTHENE	ug/kg	SW8270												
BENZO(G,H,I)PERYLENE	ug/kg	SW8270												
BENZO(K)FLUORANTHENE	ug/kg	SW8270												
CHRYSENE	ug/kg	SW8270												
DIBENZO(A,H)ANTHRACENE	ug/kg	SW8270												
FLUORANTHENE	ug/kg	SW8270												
FLUORENE	ug/kg	SW8270												
INDENO(1,2,3-CD)PYRENE	ug/kg	SW8270												
PHENANTHRENE	ug/kg	SW8270												
PHENOL	ug/kg	SW8270	5.4	U	5.1	U	5	U	5.1	U	6.4	U	6.6	U
PYRENE	ug/kg	SW8270												
SULFIDE	mg/kg	SW9030	243	UJ	228	UJ	2260	UJ	231	UJ	766	J	298	UJ
pH	S.U.	SW9045	7.4		7.6		7.6		7.7		8.7		8.1	

Table 3A
Onondaga Lake Phase II Pre-Design Investigation
Summary of Sediment Analytical Results

		Location	OL-VC-40035		OL-VC-40035		OL-VC-40035		OL-VC-40035		OL-VC-40035		OL-VC-40036	
		Sample Depth	6.6-9.9 Ft		6.6-9.9 Ft		9.9-13.2 Ft		13.2-16.5 Ft		16.5-19.8 Ft		0.0-3.3 Ft	
		Field Sample ID	OL-0188-03		OL-0188-04		OL-0188-05		OL-0188-06		OL-0188-07		OL-0190-01	
		Matrix	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
		Sample Purpose	Regular Sample		Field Duplicate		Regular Sample		Regular Sample		Regular Sample		Regular Sample	
		Sample Date	9/28/2006		9/28/2006		9/28/2006		9/28/2006		9/28/2006		9/29/2006	
		Sample Delivery Group	6I290225 C6I290240		6I290225 C6I290240		6I290225 C6I290240		6I290225 C6I290240		6I290225 C6I290240		6I300162 C6I300167	
Parameter Name	Units	Analytical Method												
SOLIDS, PERCENT	%	ASTM D2216	47.7		49		50.7		50.3		61.4		62.6	
SOLIDS, PERCENT	%	E160.3	48.3		48		54.8		52.1		58.1		58.5	
NITROGEN, AMMONIA (AS N)	mg/kg	E350.1	68.1	J	92.2	J	30		38		31.8		88.3	
TOTAL ORGANIC CARBON	mg/kg	Lloyd Kahn	39200	J	41500	J	55900		56000		49400		38700	
MERCURY	mg/kg	SW7471	0.055	J	0.07	J	0.01	J	0.0094	J	0.008	J	63.9	
AROCLOR-1016	ug/kg	SW8082												
AROCLOR-1221	ug/kg	SW8082												
AROCLOR-1232	ug/kg	SW8082												
AROCLOR-1242	ug/kg	SW8082												
AROCLOR-1248	ug/kg	SW8082												
AROCLOR-1254	ug/kg	SW8082												
AROCLOR-1260	ug/kg	SW8082												
AROCLOR-1268	ug/kg	SW8082												
PCBS, N.O.S.	ug/kg	SW8082												
1,2,3-TRICHLOROBENZENE	ug/kg	SW8260	10	UJ	10	UJ	9.1	U	9.6	U	8.6	U	430	U
1,2,4-TRICHLOROBENZENE	ug/kg	SW8260	10	UJ	10	UJ	9.1	U	9.6	U	8.6	U	430	U
1,2-DICHLOROBENZENE	ug/kg	SW8260	10	UJ	10	UJ	9.1	U	9.6	U	8.6	U	430	U
1,3,5-TRICHLOROBENZENE	ug/kg	SW8260	10	UJ	10	UJ	9.1	U	9.6	U	8.6	U	430	U
1,3-DICHLOROBENZENE	ug/kg	SW8260	10	UJ	10	UJ	9.1	U	9.6	U	8.6	U	430	U
1,4-DICHLOROBENZENE	ug/kg	SW8260	10	UJ	10	UJ	9.1	U	9.6	U	8.6	U	430	U
BENZENE	ug/kg	SW8260	10	UJ	10	UJ	9.1	U	9.6	U	8.6	U	430	U
CHLOROBENZENE	ug/kg	SW8260	10	UJ	10	UJ	9.1	U	9.6	U	8.6	U	430	U
ETHYLBENZENE	ug/kg	SW8260	10	UJ	10	UJ	9.1	U	9.6	U	8.6	U	220	J
NAPHTHALENE	ug/kg	SW8260	10	UJ	10	UJ	9.1	U	9.6	U	8.6	U	430	U
TOLUENE	ug/kg	SW8260	10	UJ	10	UJ	9.1	U	9.6	U	8.6	U	430	U
XYLENES, TOTAL	ug/kg	SW8260	31	UJ	31	UJ	27	U	29	U	26	U	3500	
ACENAPHTHENE	ug/kg	SW8270												
ACENAPHTHYLENE	ug/kg	SW8270												
ANTHRACENE	ug/kg	SW8270												
BENZO(A)ANTHRACENE	ug/kg	SW8270												
BENZO(A)PYRENE	ug/kg	SW8270												
BENZO(B)FLUORANTHENE	ug/kg	SW8270												
BENZO(G,H,I)PERYLENE	ug/kg	SW8270												
BENZO(K)FLUORANTHENE	ug/kg	SW8270												
CHRYSENE	ug/kg	SW8270												
DIBENZO(A,H)ANTHRACENE	ug/kg	SW8270												
FLUORANTHENE	ug/kg	SW8270												
FLUORENE	ug/kg	SW8270												
INDENO(1,2,3-CD)PYRENE	ug/kg	SW8270												
PHENANTHRENE	ug/kg	SW8270												
PHENOL	ug/kg	SW8270	6.6	J	6.9	UJ	6.1	U	6.4	U	5.7	U	5.7	U
PYRENE	ug/kg	SW8270												
SULFIDE	mg/kg	SW9030	311	UJ	312	UJ	274	UJ	288	UJ	258	UJ	137	J
pH	S.U.	SW9045	7.7		7.7		7.5		7.5		7.4		8.6	

Table 3A
Onondaga Lake Phase II Pre-Design Investigation
Summary of Sediment Analytical Results

		Location	OL-VC-40036		OL-VC-40036		OL-VC-40036		OL-VC-40036		OL-VC-40036		OL-VC-40036	
		Sample Depth	0.0-3.3 Ft		3.3-6.6 Ft		6.6-9.9 Ft		9.9-13.2 Ft		13.2-16.5 Ft		16.5-17.3 Ft	
		Field Sample ID	OL-0190-02		OL-0190-03		OL-0190-04		OL-0190-05		OL-0190-06		OL-0190-07	
		Matrix	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
		Sample Purpose	Field Duplicate		Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample	
		Sample Date	9/29/2006		9/29/2006		9/29/2006		9/29/2006		9/29/2006		9/29/2006	
		Sample Delivery Group	6I300162 C6I300167		6I300162 C6I300167		6I300162 C6I300167		6I300162 C6I300167		6I300162 C6I300167		6I300162 C6I300167	
Parameter Name	Units	Analytical Method												
SOLIDS, PERCENT	%	ASTM D2216	60.3		63.3		64.2		58.9		56		48.7	
SOLIDS, PERCENT	%	E160.3	61.7		62.9		61.6		55.3		54.4		51.8	
NITROGEN, AMMONIA (AS N)	mg/kg	E350.1	88.2		158		140		202		213		216	
TOTAL ORGANIC CARBON	mg/kg	Lloyd Kahn	55400		50600		72100		111000		209000		58500	J
MERCURY	mg/kg	SW7471	65.3		93.1		0.15		0.14		0.29		0.61	
AROCLOR-1016	ug/kg	SW8082												
AROCLOR-1221	ug/kg	SW8082												
AROCLOR-1232	ug/kg	SW8082												
AROCLOR-1242	ug/kg	SW8082												
AROCLOR-1248	ug/kg	SW8082												
AROCLOR-1254	ug/kg	SW8082												
AROCLOR-1260	ug/kg	SW8082												
AROCLOR-1268	ug/kg	SW8082												
PCBS, N.O.S.	ug/kg	SW8082												
1,2,3-TRICHLOROBENZENE	ug/kg	SW8260	400	U	7.9	U	8.1	U	9	U	9.2	U	9.6	U
1,2,4-TRICHLOROBENZENE	ug/kg	SW8260	400	U	7.9	U	8.1	U	9	U	9.2	U	9.6	U
1,2-DICHLOROBENZENE	ug/kg	SW8260	400	U	7.9	U	8.1	U	9	U	9.2	U	9.6	U
1,3,5-TRICHLOROBENZENE	ug/kg	SW8260	400	U	7.9	U	8.1	U	9	U	9.2	U	9.6	U
1,3-DICHLOROBENZENE	ug/kg	SW8260	400	U	7.9	U	8.1	U	9	U	9.2	U	9.6	U
1,4-DICHLOROBENZENE	ug/kg	SW8260	400	U	7.9	U	8.1	U	9	U	9.2	U	9.6	U
BENZENE	ug/kg	SW8260	400	U	1.4	J	8.1	U	9	U	9.2	U	9.6	U
CHLOROBENZENE	ug/kg	SW8260	400	U	7.9	U	8.1	U	9	U	9.2	U	9.6	U
ETHYLBENZENE	ug/kg	SW8260	120	J	3.9	J	8.1	U	9	U	9.2	U	9.6	U
NAPHTHALENE	ug/kg	SW8260	400	U	7.9	U	8.1	U	9	U	9.2	U	9.6	U
TOLUENE	ug/kg	SW8260	400	U	1	J	8.1	U	9	U	9.2	U	9.6	U
XYLENES, TOTAL	ug/kg	SW8260	2000		54		24	U	27	U	28	U	29	U
ACENAPHTHENE	ug/kg	SW8270												
ACENAPHTHYLENE	ug/kg	SW8270												
ANTHRACENE	ug/kg	SW8270												
BENZO(A)ANTHRACENE	ug/kg	SW8270												
BENZO(A)PYRENE	ug/kg	SW8270												
BENZO(B)FLUORANTHENE	ug/kg	SW8270												
BENZO(G,H,I)PERYLENE	ug/kg	SW8270												
BENZO(K)FLUORANTHENE	ug/kg	SW8270												
CHRYSENE	ug/kg	SW8270												
DIBENZO(A,H)ANTHRACENE	ug/kg	SW8270												
FLUORANTHENE	ug/kg	SW8270												
FLUORENE	ug/kg	SW8270												
INDENO(1,2,3-CD)PYRENE	ug/kg	SW8270												
PHENANTHRENE	ug/kg	SW8270												
PHENOL	ug/kg	SW8270	54	U	59		44		42		57		41	
PYRENE	ug/kg	SW8270												
SULFIDE	mg/kg	SW9030	243	UJ	191	J	195	J	217	J	588	J	232	J
pH	S.U.	SW9045	8.7		9		7.8		9.1		7.5		7.1	

Table 3A
Onondaga Lake Phase II Pre-Design Investigation
Summary of Sediment Analytical Results

		Location	OL-VC-40037		OL-VC-40037		OL-VC-40037		OL-VC-40037		OL-VC-40037		OL-VC-40037	
		Sample Depth	0.0-3.3 Ft		3.3-6.6 Ft		3.3-6.6 Ft		6.6-9.9 Ft		9.9-13.2 Ft		13.2-16.5 Ft	
		Field Sample ID	OL-0194-03		OL-0194-04		OL-0194-05		OL-0194-06		OL-0194-07		OL-0194-08	
		Matrix	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
		Sample Purpose	Regular Sample		Regular Sample		Field Duplicate		Regular Sample		Regular Sample		Regular Sample	
		Sample Date	10/2/2006		10/2/2006		10/2/2006		10/2/2006		10/2/2006		10/2/2006	
		Sample Delivery Group	6J030160 C6J030180		6J030160 C6J030180		6J030160 C6J030180		6J030160 C6J030180		6J030160 C6J030180		6J030160 C6J030180	
Parameter Name	Units	Analytical Method												
SOLIDS, PERCENT	%	ASTM D2216	48.1		46.2		54.5		50.6		58.4		40.1	
SOLIDS, PERCENT	%	E160.3	54.7		54.7		54.9		55.3		54.6		48.9	
NITROGEN, AMMONIA (AS N)	mg/kg	E350.1	86.7	J	141	J	170	J	271	J	412	J	378	J
TOTAL ORGANIC CARBON	mg/kg	Lloyd Kahn	40300	J	50300	J	35900	J	33900	J	27300	J	51000	J
MERCURY	mg/kg	SW7471	29		38.7		39.2		65.4		110		23.7	J
AROCLOR-1016	ug/kg	SW8082												
AROCLOR-1221	ug/kg	SW8082												
AROCLOR-1232	ug/kg	SW8082												
AROCLOR-1242	ug/kg	SW8082												
AROCLOR-1248	ug/kg	SW8082												
AROCLOR-1254	ug/kg	SW8082												
AROCLOR-1260	ug/kg	SW8082												
AROCLOR-1268	ug/kg	SW8082												
PCBS, N.O.S.	ug/kg	SW8082												
1,2,3-TRICHLOROBENZENE	ug/kg	SW8260	9.1	U	460	U	460	U	9	U	460	U	10	UJ
1,2,4-TRICHLOROBENZENE	ug/kg	SW8260	9.1	U	460	U	460	U	9	U	460	U	10	UJ
1,2-DICHLOROBENZENE	ug/kg	SW8260	9.1	U	460	U	460	U	1.7	J	460	U	10	UJ
1,3,5-TRICHLOROBENZENE	ug/kg	SW8260	9.1	U	460	U	460	U	9	U	1300		10	UJ
1,3-DICHLOROBENZENE	ug/kg	SW8260	9.1	U	460	U	460	U	6.1	J	170	J	10	UJ
1,4-DICHLOROBENZENE	ug/kg	SW8260	9.1	U	460	U	460	U	1.9	J	460	U	10	UJ
BENZENE	ug/kg	SW8260	9.1	U	460	U	460	U	5.3	J	460	U	10	UJ
CHLOROBENZENE	ug/kg	SW8260	9.1	U	460	U	460	U	19		120	J	10	UJ
ETHYLBENZENE	ug/kg	SW8260	9.1	U	610		980		50		140	J	3.3	J
NAPHTHALENE	ug/kg	SW8260	9.1	U	460	U	460	U	2.8	J	460	U	10	UJ
TOLUENE	ug/kg	SW8260	9.1	U	460	U	460	U	3.5	J	460	U	2	J
XYLENES, TOTAL	ug/kg	SW8260	27	U	14000		19000		690		3200		77	J
ACENAPHTHENE	ug/kg	SW8270												
ACENAPHTHYLENE	ug/kg	SW8270												
ANTHRACENE	ug/kg	SW8270												
BENZO(A)ANTHRACENE	ug/kg	SW8270												
BENZO(A)PYRENE	ug/kg	SW8270												
BENZO(B)FLUORANTHENE	ug/kg	SW8270												
BENZO(G,H,I)PERYLENE	ug/kg	SW8270												
BENZO(K)FLUORANTHENE	ug/kg	SW8270												
CHRYSENE	ug/kg	SW8270												
DIBENZO(A,H)ANTHRACENE	ug/kg	SW8270												
FLUORANTHENE	ug/kg	SW8270												
FLUORENE	ug/kg	SW8270												
INDENO(1,2,3-CD)PYRENE	ug/kg	SW8270												
PHENANTHRENE	ug/kg	SW8270												
PHENOL	ug/kg	SW8270	410		600		630		130		210		3400	J
PYRENE	ug/kg	SW8270												
SULFIDE	mg/kg	SW9030	274	U	274	U	273	U	271	U	275	U	307	UJ
pH	S.U.	SW9045	9.8		10.2		10.3		9.1		8.2		9.3	

Table 3A
Onondaga Lake Phase II Pre-Design Investigation
Summary of Sediment Analytical Results

		Location	OL-VC-40037		OL-VC-40038		OL-VC-40038		OL-VC-40038		OL-VC-40038		OL-VC-40038	
		Sample Depth	16.5-19.8 Ft		0.0-3.3 Ft		3.3-6.6 Ft		6.6-9.9 Ft		9.9-13.2 Ft		13.2-16.5 Ft	
		Field Sample ID	OL-0194-09		OL-0188-08		OL-0188-09		OL-0188-10		OL-0188-11		OL-0188-12	
		Matrix	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
		Sample Purpose	Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample	
		Sample Date	10/2/2006		9/28/2006		9/28/2006		9/28/2006		9/28/2006		9/28/2006	
		Sample Delivery Group	6J030160 C6J030180		6I290225 C6I290240		6I290225 C6I290240		6I290225 C6I290240		6I290225 C6I290240		6I290225 C6I290240	
Parameter Name	Units	Analytical Method												
SOLIDS, PERCENT	%	ASTM D2216	40.3		45.6		58.2		55.6		51.1		57.2	
SOLIDS, PERCENT	%	E160.3	49.4		49		54.2		59.6		55.6		52.2	
NITROGEN, AMMONIA (AS N)	mg/kg	E350.1	300	J	56.7	J	36		7.6	J	41.9		36.9	
TOTAL ORGANIC CARBON	mg/kg	Lloyd Kahn	64800	J	66300	J	34800		49600		64500		44200	
MERCURY	mg/kg	SW7471	14.8	J	0.47	J	0.012	J	0.0094	J	0.0096	J	0.0097	J
AROCLOR-1016	ug/kg	SW8082												
AROCLOR-1221	ug/kg	SW8082												
AROCLOR-1232	ug/kg	SW8082												
AROCLOR-1242	ug/kg	SW8082												
AROCLOR-1248	ug/kg	SW8082												
AROCLOR-1254	ug/kg	SW8082												
AROCLOR-1260	ug/kg	SW8082												
AROCLOR-1268	ug/kg	SW8082												
PCBS, N.O.S.	ug/kg	SW8082												
1,2,3-TRICHLOROBENZENE	ug/kg	SW8260	10	UJ	10	UJ	9.2	U	8.4	U	9	U	9.6	U
1,2,4-TRICHLOROBENZENE	ug/kg	SW8260	10	UJ	10	UJ	9.2	U	8.4	U	9	U	9.6	U
1,2-DICHLOROBENZENE	ug/kg	SW8260	10	UJ	10	UJ	9.2	U	8.4	U	9	U	9.6	U
1,3,5-TRICHLOROBENZENE	ug/kg	SW8260	10	UJ	10	UJ	9.2	U	8.4	U	9	U	9.6	U
1,3-DICHLOROBENZENE	ug/kg	SW8260	10	UJ	10	UJ	9.2	U	8.4	U	9	U	9.6	U
1,4-DICHLOROBENZENE	ug/kg	SW8260	10	UJ	10	UJ	9.2	U	8.4	U	9	U	9.6	U
BENZENE	ug/kg	SW8260	10	UJ	10	UJ	9.2	U	8.4	U	9	U	9.6	U
CHLOROBENZENE	ug/kg	SW8260	10	UJ	10	UJ	9.2	U	8.4	U	9	U	9.6	U
ETHYLBENZENE	ug/kg	SW8260	10	UJ	10	UJ	9.2	U	8.4	U	9	U	9.6	U
NAPHTHALENE	ug/kg	SW8260	10	UJ	10	UJ	9.2	U	8.4	U	9	U	9.6	U
TOLUENE	ug/kg	SW8260	10	UJ	10	UJ	9.2	U	8.4	U	9	U	9.6	U
XYLENES, TOTAL	ug/kg	SW8260	30	UJ	31	UJ	28	U	25	U	27	U	29	U
ACENAPHTHENE	ug/kg	SW8270												
ACENAPHTHYLENE	ug/kg	SW8270												
ANTHRACENE	ug/kg	SW8270												
BENZO(A)ANTHRACENE	ug/kg	SW8270												
BENZO(A)PYRENE	ug/kg	SW8270												
BENZO(B)FLUORANTHENE	ug/kg	SW8270												
BENZO(G,H,I)PERYLENE	ug/kg	SW8270												
BENZO(K)FLUORANTHENE	ug/kg	SW8270												
CHRYSENE	ug/kg	SW8270												
DIBENZO(A,H)ANTHRACENE	ug/kg	SW8270												
FLUORANTHENE	ug/kg	SW8270												
FLUORENE	ug/kg	SW8270												
INDENO(1,2,3-CD)PYRENE	ug/kg	SW8270												
PHENANTHRENE	ug/kg	SW8270												
PHENOL	ug/kg	SW8270	5900	J	14	J	10	J	5.6	U	6	U	6.4	U
PYRENE	ug/kg	SW8270												
SULFIDE	mg/kg	SW9030	303	UJ	306	UJ	147	J	252	UJ	270	UJ	287	UJ
pH	S.U.	SW9045	9.8		7.6		7.1		7		7.2		7.2	

Table 3A
Onondaga Lake Phase II Pre-Design Investigation
Summary of Sediment Analytical Results

		Location	OL-VC-40038		OL-VC-40039		OL-VC-40039		OL-VC-40039		OL-VC-40039		OL-VC-40039	
		Sample Depth	16.5-19.8 Ft		0.0-3.3 Ft		3.3-6.6 Ft		6.6-9.9 Ft		9.9-13.2 Ft		13.2-16.5 Ft	
		Field Sample ID	OL-0188-13		OL-0189-05		OL-0189-06		OL-0189-07		OL-0189-08		OL-0189-09	
		Matrix	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
		Sample Purpose	Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample	
		Sample Date	9/28/2006		9/29/2006		9/29/2006		9/29/2006		9/29/2006		9/29/2006	
		Sample Delivery Group	6I290225 C6I290240		6I300159 C6I300165		6I300159 C6I300165		6I300159 C6I300165		6I300159 C6I300165		6I300159 C6I300165	
Parameter Name	Units	Analytical Method												
SOLIDS, PERCENT	%	ASTM D2216	47.2		66.7		54.3		54.2		51		46.8	
SOLIDS, PERCENT	%	E160.3	49.1		66.4		56.3		53		48.7		51.5	
NITROGEN, AMMONIA (AS N)	mg/kg	E350.1	42.9	J	100		404		341		327	J	259	
TOTAL ORGANIC CARBON	mg/kg	Lloyd Kahn	34300	J	39800		42500		34600		39600		51000	J
MERCURY	mg/kg	SW7471	0.0099	J	1.9		4.9		24.8		97	J	93.9	
AROCLOR-1016	ug/kg	SW8082												
AROCLOR-1221	ug/kg	SW8082												
AROCLOR-1232	ug/kg	SW8082												
AROCLOR-1242	ug/kg	SW8082												
AROCLOR-1248	ug/kg	SW8082												
AROCLOR-1254	ug/kg	SW8082												
AROCLOR-1260	ug/kg	SW8082												
AROCLOR-1268	ug/kg	SW8082												
PCBS, N.O.S.	ug/kg	SW8082												
1,2,3-TRICHLOROBENZENE	ug/kg	SW8260	10	UJ	7.5	U	8.9	U	9.4	U	10	UJ	9.7	U
1,2,4-TRICHLOROBENZENE	ug/kg	SW8260	10	UJ	7.5	U	8.9	U	9.4	U	10	UJ	9.7	U
1,2-DICHLOROBENZENE	ug/kg	SW8260	10	UJ	7.5	U	8.9	U	3.1	J	2	J	9.7	U
1,3,5-TRICHLOROBENZENE	ug/kg	SW8260	10	UJ	7.5	U	8.9	U	9.4	U	10	UJ	35	
1,3-DICHLOROBENZENE	ug/kg	SW8260	10	UJ	3	J	5.6	J	8.6	J	17	J	14	
1,4-DICHLOROBENZENE	ug/kg	SW8260	10	UJ	7.5	U	8.9	U	3.3	J	3.2	J	1.7	J
BENZENE	ug/kg	SW8260	10	UJ	7.5	U	8.9	U	4.1	J	8.3	J	5.9	J
CHLOROBENZENE	ug/kg	SW8260	10	UJ	5.2	J	12		20		39	J	6.5	J
ETHYLBENZENE	ug/kg	SW8260	10	UJ	7.5	U	8.9	U	6.2	J	17	J	25	
NAPHTHALENE	ug/kg	SW8260	10	UJ	7.5	U	8.9	U	9.4	U	10	UJ	9.7	U
TOLUENE	ug/kg	SW8260	10	UJ	7.5	U	8.9	U	1.7	J	4.3	J	8.5	J
XYLENES, TOTAL	ug/kg	SW8260	31	UJ	23	U	27	U	140		500	J	410	
ACENAPHTHENE	ug/kg	SW8270												
ACENAPHTHYLENE	ug/kg	SW8270												
ANTHRACENE	ug/kg	SW8270												
BENZO(A)ANTHRACENE	ug/kg	SW8270												
BENZO(A)PYRENE	ug/kg	SW8270												
BENZO(B)FLUORANTHENE	ug/kg	SW8270												
BENZO(G,H,I)PERYLENE	ug/kg	SW8270												
BENZO(K)FLUORANTHENE	ug/kg	SW8270												
CHRYSENE	ug/kg	SW8270												
DIBENZO(A,H)ANTHRACENE	ug/kg	SW8270												
FLUORANTHENE	ug/kg	SW8270												
FLUORENE	ug/kg	SW8270												
INDENO(1,2,3-CD)PYRENE	ug/kg	SW8270												
PHENANTHRENE	ug/kg	SW8270												
PHENOL	ug/kg	SW8270	6.8	UJ	5	U	11		6.3	U	9.2	J	38	J
PYRENE	ug/kg	SW8270												
SULFIDE	mg/kg	SW9030	81.5	J	226	UJ	266	UJ	283	UJ	308	UJ	291	UJ
pH	S.U.	SW9045	7.2		7.6		7.6		8		8.3		8.8	

Table 3A
Onondaga Lake Phase II Pre-Design Investigation
Summary of Sediment Analytical Results

		Location	OL-VC-40039		OL-VC-40040		OL-VC-40040		OL-VC-40040		OL-VC-40040		OL-VC-40040	
		Sample Depth	16.5-19.8 Ft		0.0-3.3 Ft		3.3-6.6 Ft		6.6-9.9 Ft		9.9-13.2 Ft		13.2-16.5 Ft	
		Field Sample ID	OL-0189-10		OL-0190-08		OL-0190-09		OL-0190-10		OL-0190-11		OL-0190-12	
		Matrix	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
		Sample Purpose	Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample	
		Sample Date	9/29/2006		9/29/2006		9/29/2006		9/29/2006		9/29/2006		9/29/2006	
		Sample Delivery Group	6I300159 C6I300165		6I300162 C6I300167		6I300162 C6I300167		6I300162 C6I300167		6I300162 C6I300167		6I300162 C6I300167	
Parameter Name	Units	Analytical Method												
SOLIDS, PERCENT	%	ASTM D2216	59.3		48.7		42.5		48.1		44.7		50.8	
SOLIDS, PERCENT	%	E160.3	53		47.2		48		42.5		42.5		49.7	
NITROGEN, AMMONIA (AS N)	mg/kg	E350.1	277		205	J	366	J	473	J	508	J	408	J
TOTAL ORGANIC CARBON	mg/kg	Lloyd Kahn	41600		52700	J	62600	J	49700	J	34200	J	56100	
MERCURY	mg/kg	SW7471	87.9		36.9	J	80.6	J	28	J	5.1	J	0.91	J
AROCLOR-1016	ug/kg	SW8082												
AROCLOR-1221	ug/kg	SW8082												
AROCLOR-1232	ug/kg	SW8082												
AROCLOR-1242	ug/kg	SW8082												
AROCLOR-1248	ug/kg	SW8082												
AROCLOR-1254	ug/kg	SW8082												
AROCLOR-1260	ug/kg	SW8082												
AROCLOR-1268	ug/kg	SW8082												
PCBS, N.O.S.	ug/kg	SW8082												
1,2,3-TRICHLOROBENZENE	ug/kg	SW8260	9.4	U	11	UJ	10	UJ	12	UJ	12	UJ	10	UJ
1,2,4-TRICHLOROBENZENE	ug/kg	SW8260	9.4	U	11	UJ	10	UJ	12	UJ	12	UJ	10	UJ
1,2-DICHLOROBENZENE	ug/kg	SW8260	9.4	U	11	UJ	10	UJ	12	UJ	12	UJ	10	UJ
1,3,5-TRICHLOROBENZENE	ug/kg	SW8260	55		11	UJ	10	UJ	12	UJ	12	UJ	10	UJ
1,3-DICHLOROBENZENE	ug/kg	SW8260	3.9	J	31	J	4.7	J	12	UJ	12	UJ	10	UJ
1,4-DICHLOROBENZENE	ug/kg	SW8260	9.4	U	3.3	J	10	UJ	12	UJ	12	UJ	10	UJ
BENZENE	ug/kg	SW8260	9.4	U	2.2	J	10	UJ	12	UJ	12	UJ	10	UJ
CHLOROBENZENE	ug/kg	SW8260	9.4	U	28	J	4.6	J	12	UJ	12	UJ	10	UJ
ETHYLBENZENE	ug/kg	SW8260	2.1	J	3.8	J	10	UJ	12	UJ	12	UJ	10	UJ
NAPHTHALENE	ug/kg	SW8260	9.4	U	11	UJ	10	UJ	12	UJ	12	UJ	10	UJ
TOLUENE	ug/kg	SW8260	1.6	J	2.4	J	10	UJ	12	UJ	12	UJ	10	UJ
XYLENES, TOTAL	ug/kg	SW8260	33		220	J	35	J	35	UJ	35	UJ	30	UJ
ACENAPHTHENE	ug/kg	SW8270												
ACENAPHTHYLENE	ug/kg	SW8270												
ANTHRACENE	ug/kg	SW8270												
BENZO(A)ANTHRACENE	ug/kg	SW8270												
BENZO(A)PYRENE	ug/kg	SW8270												
BENZO(B)FLUORANTHENE	ug/kg	SW8270												
BENZO(G,H,I)PERYLENE	ug/kg	SW8270												
BENZO(K)FLUORANTHENE	ug/kg	SW8270												
CHRYSENE	ug/kg	SW8270												
DIBENZO(A,H)ANTHRACENE	ug/kg	SW8270												
FLUORANTHENE	ug/kg	SW8270												
FLUORENE	ug/kg	SW8270												
INDENO(1,2,3-CD)PYRENE	ug/kg	SW8270												
PHENANTHRENE	ug/kg	SW8270												
PHENOL	ug/kg	SW8270	6.3	U	7.1	UJ	9.3	J	25	J	19	J	27	J
PYRENE	ug/kg	SW8270												
SULFIDE	mg/kg	SW9030	283	UJ	84.7	J	500	J	471	J	94.1	J	242	J
pH	S.U.	SW9045	8.6		8.4		8.4		8.6		8.4		8.2	

Table 3A
Onondaga Lake Phase II Pre-Design Investigation
Summary of Sediment Analytical Results

		Location	OL-VC-40040		OL-VC-40041		OL-VC-40041		OL-VC-40041		OL-VC-40041		OL-VC-40041	
		Sample Depth	16.5-19.8 Ft		0.0-3.3 Ft		3.3-6.6 Ft		6.6-9.9 Ft		9.9-13.2 Ft		13.2-16.5 Ft	
		Field Sample ID	OL-0190-13		OL-0188-14		OL-0188-15		OL-0188-16		OL-0188-17		OL-0188-18	
		Matrix	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
		Sample Purpose	Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample	
		Sample Date	9/29/2006		9/28/2006		9/28/2006		9/28/2006		9/28/2006		9/28/2006	
		Sample Delivery Group	6I300162 C6I300167		6I290225 C6I290240		6I290225 C6I290240		6I290225 C6I290240		6I290225 C6I290240		6I290225 C6I290240	
Parameter Name	Units	Analytical Method												
SOLIDS, PERCENT	%	ASTM D2216	45.7		57.5		60.5		63.4		60.7		70.3	
SOLIDS, PERCENT	%	E160.3	47.4		59		59.1		58.7		63.1		72.8	
NITROGEN, AMMONIA (AS N)	mg/kg	E350.1	369	J	51.7		46.2		51.5		39.2		54.9	
TOTAL ORGANIC CARBON	mg/kg	Lloyd Kahn	104000	J	29400		49900		55400		43800		24300	
MERCURY	mg/kg	SW7471	0.6	J	0.93		0.0099	J	0.0099	J	0.012	J	0.023	
AROCLOR-1016	ug/kg	SW8082												
AROCLOR-1221	ug/kg	SW8082												
AROCLOR-1232	ug/kg	SW8082												
AROCLOR-1242	ug/kg	SW8082												
AROCLOR-1248	ug/kg	SW8082												
AROCLOR-1254	ug/kg	SW8082												
AROCLOR-1260	ug/kg	SW8082												
AROCLOR-1268	ug/kg	SW8082												
PCBS, N.O.S.	ug/kg	SW8082												
1,2,3-TRICHLOROBENZENE	ug/kg	SW8260	11	UJ	8.5	U	420	U	8.5	U	7.9	U	6.9	U
1,2,4-TRICHLOROBENZENE	ug/kg	SW8260	11	UJ	8.5	U	420	U	8.5	U	7.9	U	6.9	U
1,2-DICHLOROBENZENE	ug/kg	SW8260	11	UJ	8.5	U	420	U	8.5	U	7.9	U	6.9	U
1,3,5-TRICHLOROBENZENE	ug/kg	SW8260	11	UJ	8.5	U	420	U	8.5	U	7.9	U	6.9	U
1,3-DICHLOROBENZENE	ug/kg	SW8260	11	UJ	8.5	U	420	U	8.5	U	7.9	U	6.9	U
1,4-DICHLOROBENZENE	ug/kg	SW8260	11	UJ	8.5	U	420	U	8.5	U	7.9	U	6.9	U
BENZENE	ug/kg	SW8260	11	UJ	72		450		100		51		45	
CHLOROBENZENE	ug/kg	SW8260	11	UJ	8.5	U	420	U	8.5	U	7.9	U	6.9	U
ETHYLBENZENE	ug/kg	SW8260	11	UJ	8.5	U	420	U	8.5	U	7.9	U	6.9	U
NAPHTHALENE	ug/kg	SW8260	11	UJ	8.5	U	420	U	8.5	U	7.9	U	6.9	U
TOLUENE	ug/kg	SW8260	11	UJ	8.5	U	420	U	8.5	U	7.9	U	6.9	U
XYLENES, TOTAL	ug/kg	SW8260	32	UJ	25	U	1300	U	26	U	24	U	21	U
ACENAPHTHENE	ug/kg	SW8270												
ACENAPHTHYLENE	ug/kg	SW8270												
ANTHRACENE	ug/kg	SW8270												
BENZO(A)ANTHRACENE	ug/kg	SW8270												
BENZO(A)PYRENE	ug/kg	SW8270												
BENZO(B)FLUORANTHENE	ug/kg	SW8270												
BENZO(G,H,I)PERYLENE	ug/kg	SW8270												
BENZO(K)FLUORANTHENE	ug/kg	SW8270												
CHRYSENE	ug/kg	SW8270												
DIBENZO(A,H)ANTHRACENE	ug/kg	SW8270												
FLUORANTHENE	ug/kg	SW8270												
FLUORENE	ug/kg	SW8270												
INDENO(1,2,3-CD)PYRENE	ug/kg	SW8270												
PHENANTHRENE	ug/kg	SW8270												
PHENOL	ug/kg	SW8270	49	J	940		670		770		1000		700	
PYRENE	ug/kg	SW8270												
SULFIDE	mg/kg	SW9030	253	J	136	J	67.6	J	256	UJ	238	UJ	110	J
pH	S.U.	SW9045	7.9		7		6.8		6.8		6.9		6.9	

Table 3A
Onondaga Lake Phase II Pre-Design Investigation
Summary of Sediment Analytical Results

		Location	OL-VC-40041			OL-VC-40042			OL-VC-40042			OL-VC-40042	
		Sample Depth	16.5-19.3 Ft			0.0-3.3 Ft			3.3-6.6 Ft			6.6-9.9 Ft	
		Field Sample ID	OL-0188-19			OL-0189-11			OL-0189-12			OL-0189-13	
		Matrix	SOIL			SOIL			SOIL			SOIL	
		Sample Purpose	Regular Sample			Regular Sample			Regular Sample			Regular Sample	
		Sample Date	9/28/2006			9/29/2006			9/29/2006			9/29/2006	
		Sample Delivery Group	6I290225 C6I290240			6I300159 C6I300165			6I300159 C6I300165			6I300159 C6I300165	
Parameter Name	Units	Analytical Method											
SOLIDS, PERCENT	%	ASTM D2216	74.4			59.5			60.5			55	
SOLIDS, PERCENT	%	E160.3	73.3			64.2			59.3			58.1	
NITROGEN, AMMONIA (AS N)	mg/kg	E350.1	44.5			56.4			82.9			104	
TOTAL ORGANIC CARBON	mg/kg	Lloyd Kahn	26900			20400			21300			31600	
MERCURY	mg/kg	SW7471	0.028			0.023	J		0.028	U		0.029	U
AROCLOR-1016	ug/kg	SW8082											
AROCLOR-1221	ug/kg	SW8082											
AROCLOR-1232	ug/kg	SW8082											
AROCLOR-1242	ug/kg	SW8082											
AROCLOR-1248	ug/kg	SW8082											
AROCLOR-1254	ug/kg	SW8082											
AROCLOR-1260	ug/kg	SW8082											
AROCLOR-1268	ug/kg	SW8082											
PCBS, N.O.S.	ug/kg	SW8082											
1,2,3-TRICHLOROBENZENE	ug/kg	SW8260	6.8	U		7.8	U		8.4	U		8.6	U
1,2,4-TRICHLOROBENZENE	ug/kg	SW8260	6.8	U		7.8	U		8.4	U		8.6	U
1,2-DICHLOROBENZENE	ug/kg	SW8260	6.8	U		7.8	U		8.4	U		8.6	U
1,3,5-TRICHLOROBENZENE	ug/kg	SW8260	6.8	U		7.8	U		8.4	U		8.6	U
1,3-DICHLOROBENZENE	ug/kg	SW8260	6.8	U		7.8	U		8.4	U		8.6	U
1,4-DICHLOROBENZENE	ug/kg	SW8260	6.8	U		7.8	U		8.4	U		8.6	U
BENZENE	ug/kg	SW8260	71			7.8	U		2.8	J		3.1	J
CHLOROBENZENE	ug/kg	SW8260	6.8	U		7.8	U		8.4	U		8.6	U
ETHYLBENZENE	ug/kg	SW8260	6.8	U		7.8	U		8.4	U		8.6	U
NAPHTHALENE	ug/kg	SW8260	6.8	U		7.8	U		8.4	U		8.6	U
TOLUENE	ug/kg	SW8260	6.8	U		7.8	U		8.4	U		8.6	U
XYLENES, TOTAL	ug/kg	SW8260	20	U		23	U		25	U		26	U
ACENAPHTHENE	ug/kg	SW8270											
ACENAPHTHYLENE	ug/kg	SW8270											
ANTHRACENE	ug/kg	SW8270											
BENZO(A)ANTHRACENE	ug/kg	SW8270											
BENZO(A)PYRENE	ug/kg	SW8270											
BENZO(B)FLUORANTHENE	ug/kg	SW8270											
BENZO(G,H,I)PERYLENE	ug/kg	SW8270											
BENZO(K)FLUORANTHENE	ug/kg	SW8270											
CHRYSENE	ug/kg	SW8270											
DIBENZO(A,H)ANTHRACENE	ug/kg	SW8270											
FLUORANTHENE	ug/kg	SW8270											
FLUORENE	ug/kg	SW8270											
INDENO(1,2,3-CD)PYRENE	ug/kg	SW8270											
PHENANTHRENE	ug/kg	SW8270											
PHENOL	ug/kg	SW8270	580			400			860			1400	
PYRENE	ug/kg	SW8270											
SULFIDE	mg/kg	SW9030	218	J		234	UJ		253	UJ		258	UJ
pH	S.U.	SW9045	7.1			6.8			6.6			6.6	

Table 3A
Onondaga Lake Phase II Pre-Design Investigation
Summary of Sediment Analytical Results

		Location	OL-VC-50001		OL-VC-50002		OL-VC-50002		OL-VC-50003		OL-VC-50004		OL-VC-50005	
		Sample Depth	0.0-0.5 Ft		0.0-0.5 Ft		0.0-0.5 Ft		0.0-0.5 Ft		0.0-0.5 Ft		0.0-0.5 Ft	
		Field Sample ID	OL-0204-09		OL-0204-10		OL-0204-11		OL-0204-01		OL-0204-02		OL-0204-03	
		Matrix	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
		Sample Purpose	Regular Sample		Regular Sample		Field Duplicate		Regular Sample		Regular Sample		Regular Sample	
		Sample Date	10/6/2006		10/6/2006		10/6/2006		10/6/2006		10/6/2006		10/6/2006	
		Sample Delivery Group	6J070164 C6J070176		6J070164 C6J070176		6J070164 C6J070176		6J070164 C6J070176		6J070164 C6J070176		6J070164 C6J070176	
Parameter Name	Units	Analytical Method												
SOLIDS, PERCENT	%	ASTM D2216	56.4		57.5		56.4		57.2		54		53.5	
SOLIDS, PERCENT	%	E160.3	56.2		57.1		56.6		56		54.5		59.8	
NITROGEN, AMMONIA (AS N)	mg/kg	E350.1												
TOTAL ORGANIC CARBON	mg/kg	Lloyd Kahn	39500	J	50500	J	62500	J	48100	J	47500	J	49800	J
MERCURY	mg/kg	SW7471	3.6		2.9		3.2		1.7		2.7		0.59	
AROCLOR-1016	ug/kg	SW8082												
AROCLOR-1221	ug/kg	SW8082												
AROCLOR-1232	ug/kg	SW8082												
AROCLOR-1242	ug/kg	SW8082												
AROCLOR-1248	ug/kg	SW8082												
AROCLOR-1254	ug/kg	SW8082												
AROCLOR-1260	ug/kg	SW8082												
AROCLOR-1268	ug/kg	SW8082												
PCBS, N.O.S.	ug/kg	SW8082												
1,2,3-TRICHLOROBENZENE	ug/kg	SW8260												
1,2,4-TRICHLOROBENZENE	ug/kg	SW8260												
1,2-DICHLOROBENZENE	ug/kg	SW8260												
1,3,5-TRICHLOROBENZENE	ug/kg	SW8260												
1,3-DICHLOROBENZENE	ug/kg	SW8260												
1,4-DICHLOROBENZENE	ug/kg	SW8260												
BENZENE	ug/kg	SW8260												
CHLOROBENZENE	ug/kg	SW8260												
ETHYLBENZENE	ug/kg	SW8260												
NAPHTHALENE	ug/kg	SW8260												
TOLUENE	ug/kg	SW8260												
XYLENES, TOTAL	ug/kg	SW8260												
ACENAPHTHENE	ug/kg	SW8270												
ACENAPHTHYLENE	ug/kg	SW8270												
ANTHRACENE	ug/kg	SW8270												
BENZO(A)ANTHRACENE	ug/kg	SW8270												
BENZO(A)PYRENE	ug/kg	SW8270												
BENZO(B)FLUORANTHENE	ug/kg	SW8270												
BENZO(G,H,I)PERYLENE	ug/kg	SW8270												
BENZO(K)FLUORANTHENE	ug/kg	SW8270												
CHRYSENE	ug/kg	SW8270												
DIBENZO(A,H)ANTHRACENE	ug/kg	SW8270												
FLUORANTHENE	ug/kg	SW8270												
FLUORENE	ug/kg	SW8270												
INDENO(1,2,3-CD)PYRENE	ug/kg	SW8270												
PHENANTHRENE	ug/kg	SW8270												
PHENOL	ug/kg	SW8270												
PYRENE	ug/kg	SW8270												
SULFIDE	mg/kg	SW9030												
pH	S.U.	SW9045												

Table 3A
Onondaga Lake Phase II Pre-Design Investigation
Summary of Sediment Analytical Results

		Location	OL-VC-50006		OL-VC-50007		OL-VC-50008		OL-VC-50009		OL-VC-50010		OL-VC-50011	
		Sample Depth	0.0-0.5 Ft		0.0-0.5 Ft		0.0-0.5 Ft		0.0-0.5 Ft		0.0-0.5 Ft		0.0-0.5 Ft	
		Field Sample ID	OL-0204-04		OL-0204-05		OL-0204-06		OL-0204-07		OL-0204-08		OL-0202-15	
		Matrix	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
		Sample Purpose	Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample	
		Sample Date	10/6/2006		10/6/2006		10/6/2006		10/6/2006		10/6/2006		10/5/2006	
		Sample Delivery Group	6J070164 C6J070176		6J070164 C6J070176		6J070164 C6J070176		6J070164 C6J070176		6J070164 C6J070176		6J060207 C6J060215	
Parameter Name	Units	Analytical Method												
SOLIDS, PERCENT	%	ASTM D2216	55		57.1		57.7		62.6		81.9		48	
SOLIDS, PERCENT	%	E160.3	57		58.4		57.9		61		87.6		53.7	
NITROGEN, AMMONIA (AS N)	mg/kg	E350.1												
TOTAL ORGANIC CARBON	mg/kg	Lloyd Kahn	57100	J	49300	J	50800	J	53000	J	16500	J	33400	J
MERCURY	mg/kg	SW7471	2.1		0.67		0.78		2.3		0.06		1.5	
AROCLOR-1016	ug/kg	SW8082												
AROCLOR-1221	ug/kg	SW8082												
AROCLOR-1232	ug/kg	SW8082												
AROCLOR-1242	ug/kg	SW8082												
AROCLOR-1248	ug/kg	SW8082												
AROCLOR-1254	ug/kg	SW8082												
AROCLOR-1260	ug/kg	SW8082												
AROCLOR-1268	ug/kg	SW8082												
PCBS, N.O.S.	ug/kg	SW8082												
1,2,3-TRICHLOROBENZENE	ug/kg	SW8260												
1,2,4-TRICHLOROBENZENE	ug/kg	SW8260												
1,2-DICHLOROBENZENE	ug/kg	SW8260												
1,3,5-TRICHLOROBENZENE	ug/kg	SW8260												
1,3-DICHLOROBENZENE	ug/kg	SW8260												
1,4-DICHLOROBENZENE	ug/kg	SW8260												
BENZENE	ug/kg	SW8260												
CHLOROBENZENE	ug/kg	SW8260												
ETHYLBENZENE	ug/kg	SW8260												
NAPHTHALENE	ug/kg	SW8260												
TOLUENE	ug/kg	SW8260												
XYLENES, TOTAL	ug/kg	SW8260												
ACENAPHTHENE	ug/kg	SW8270												
ACENAPHTHYLENE	ug/kg	SW8270												
ANTHRACENE	ug/kg	SW8270												
BENZO(A)ANTHRACENE	ug/kg	SW8270												
BENZO(A)PYRENE	ug/kg	SW8270												
BENZO(B)FLUORANTHENE	ug/kg	SW8270												
BENZO(G,H,I)PERYLENE	ug/kg	SW8270												
BENZO(K)FLUORANTHENE	ug/kg	SW8270												
CHRYSENE	ug/kg	SW8270												
DIBENZO(A,H)ANTHRACENE	ug/kg	SW8270												
FLUORANTHENE	ug/kg	SW8270												
FLUORENE	ug/kg	SW8270												
INDENO(1,2,3-CD)PYRENE	ug/kg	SW8270												
PHENANTHRENE	ug/kg	SW8270												
PHENOL	ug/kg	SW8270												
PYRENE	ug/kg	SW8270												
SULFIDE	mg/kg	SW9030												
pH	S.U.	SW9045												

Table 3A
Onondaga Lake Phase II Pre-Design Investigation
Summary of Sediment Analytical Results

		Location	OL-VC-50012		OL-VC-50013		OL-VC-50014		OL-VC-50015		OL-VC-50016		OL-VC-50017	
		Sample Depth	0.0-0.5 Ft		0.0-0.5 Ft		0.0-0.5 Ft		0.0-0.5 Ft		0.0-0.5 Ft		0.0-0.5 Ft	
		Field Sample ID	OL-0202-16		OL-0202-17		OL-0202-18		OL-0202-19		OL-0202-20		OL-0203-01	
		Matrix	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
		Sample Purpose	Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample	
		Sample Date	10/5/2006		10/5/2006		10/5/2006		10/5/2006		10/5/2006		10/5/2006	
		Sample Delivery Group	6J060207 C6J060215		6J060207 C6J060215		6J060207 C6J060215		6J060207 C6J060215		6J060207 C6J060215		6J060212 C6J060223	
Parameter Name	Units	Analytical Method												
SOLIDS, PERCENT	%	ASTM D2216	37.5		38.8		34		36		34.5		34.8	
SOLIDS, PERCENT	%	E160.3	40.8		36.7		33.5		38.1		33		35.1	
NITROGEN, AMMONIA (AS N)	mg/kg	E350.1												
TOTAL ORGANIC CARBON	mg/kg	Lloyd Kahn	50800	J	43800	J	51400	J	45000	J	39600	J	43400	J
MERCURY	mg/kg	SW7471	2.2	J	1.2	J	0.92	J	1	J	1.1	J	1.1	J
AROCLOR-1016	ug/kg	SW8082												
AROCLOR-1221	ug/kg	SW8082												
AROCLOR-1232	ug/kg	SW8082												
AROCLOR-1242	ug/kg	SW8082												
AROCLOR-1248	ug/kg	SW8082												
AROCLOR-1254	ug/kg	SW8082												
AROCLOR-1260	ug/kg	SW8082												
AROCLOR-1268	ug/kg	SW8082												
PCBS, N.O.S.	ug/kg	SW8082												
1,2,3-TRICHLOROBENZENE	ug/kg	SW8260												
1,2,4-TRICHLOROBENZENE	ug/kg	SW8260												
1,2-DICHLOROBENZENE	ug/kg	SW8260												
1,3,5-TRICHLOROBENZENE	ug/kg	SW8260												
1,3-DICHLOROBENZENE	ug/kg	SW8260												
1,4-DICHLOROBENZENE	ug/kg	SW8260												
BENZENE	ug/kg	SW8260												
CHLOROBENZENE	ug/kg	SW8260												
ETHYLBENZENE	ug/kg	SW8260												
NAPHTHALENE	ug/kg	SW8260												
TOLUENE	ug/kg	SW8260												
XYLENES, TOTAL	ug/kg	SW8260												
ACENAPHTHENE	ug/kg	SW8270												
ACENAPHTHYLENE	ug/kg	SW8270												
ANTHRACENE	ug/kg	SW8270												
BENZO(A)ANTHRACENE	ug/kg	SW8270												
BENZO(A)PYRENE	ug/kg	SW8270												
BENZO(B)FLUORANTHENE	ug/kg	SW8270												
BENZO(G,H,I)PERYLENE	ug/kg	SW8270												
BENZO(K)FLUORANTHENE	ug/kg	SW8270												
CHRYSENE	ug/kg	SW8270												
DIBENZO(A,H)ANTHRACENE	ug/kg	SW8270												
FLUORANTHENE	ug/kg	SW8270												
FLUORENE	ug/kg	SW8270												
INDENO(1,2,3-CD)PYRENE	ug/kg	SW8270												
PHENANTHRENE	ug/kg	SW8270												
PHENOL	ug/kg	SW8270												
PYRENE	ug/kg	SW8270												
SULFIDE	mg/kg	SW9030												
pH	S.U.	SW9045												

Table 3A
Onondaga Lake Phase II Pre-Design Investigation
Summary of Sediment Analytical Results

		Location	OL-VC-50017		OL-VC-50018		OL-VC-50019		OL-VC-50020		OL-VC-50021		OL-VC-50022	
		Sample Depth	0.0-0.5 Ft		0.0-0.5 Ft		0.0-0.5 Ft		0.0-0.5 Ft		0.0-0.5 Ft		0.0-0.5 Ft	
		Field Sample ID	OL-0203-02		OL-0203-03		OL-0203-04		OL-0203-05		OL-0203-06		OL-0203-07	
		Matrix	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
		Sample Purpose	Field Duplicate		Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample	
		Sample Date	10/5/2006		10/5/2006		10/5/2006		10/5/2006		10/5/2006		10/5/2006	
		Sample Delivery Group	6J060212 C6J060223		6J060212 C6J060223		6J060212 C6J060223		6J060212 C6J060223		6J060212 C6J060223		6J060212 C6J060223	
Parameter Name	Units	Analytical Method												
SOLIDS, PERCENT	%	ASTM D2216	36.2		68.6		67.5		62.8		63		66.3	
SOLIDS, PERCENT	%	E160.3	37.4		66.8		64.8		63.3		64.2		64.4	
NITROGEN, AMMONIA (AS N)	mg/kg	E350.1			11.2		8.5		13.7		16.3		12.7	
TOTAL ORGANIC CARBON	mg/kg	Lloyd Kahn	33800	J	30100		43500		58700		56600		54400	
MERCURY	mg/kg	SW7471	1	J	0.18		0.064		0.086		0.1		0.091	
AROCLOR-1016	ug/kg	SW8082			25	U	25	U	26	U	26	U	26	U
AROCLOR-1221	ug/kg	SW8082			25	U	25	U	26	U	26	U	26	U
AROCLOR-1232	ug/kg	SW8082			25	U	25	U	26	U	26	U	26	U
AROCLOR-1242	ug/kg	SW8082			25	U	25	U	26	U	26	U	26	U
AROCLOR-1248	ug/kg	SW8082			20	J	25	U	26	U	26	U	26	U
AROCLOR-1254	ug/kg	SW8082			25	U	210		26	U	26	U	26	U
AROCLOR-1260	ug/kg	SW8082			52		25	U	26	U	26	U	26	U
AROCLOR-1268	ug/kg	SW8082			25	U	25	U	26	U	26	U	26	U
PCBS, N.O.S.	ug/kg	SW8082			72		210		26	U	26	U	26	U
1,2,3-TRICHLOROBENZENE	ug/kg	SW8260			7.5	U	7.7	U	7.9	U	7.8	U	7.8	U
1,2,4-TRICHLOROBENZENE	ug/kg	SW8260			7.5	U	7.7	U	7.9	U	7.8	U	7.8	U
1,2-DICHLOROBENZENE	ug/kg	SW8260			7.5	U	7.7	U	7.9	U	7.8	U	7.8	U
1,3,5-TRICHLOROBENZENE	ug/kg	SW8260			7.5	U	7.7	U	7.9	U	7.8	U	7.8	U
1,3-DICHLOROBENZENE	ug/kg	SW8260			7.5	U	7.7	U	7.9	U	7.8	U	7.8	U
1,4-DICHLOROBENZENE	ug/kg	SW8260			7.5	U	7.7	U	7.9	U	7.8	U	7.8	U
BENZENE	ug/kg	SW8260			7.5	U	7.7	U	7.9	U	7.8	U	7.8	U
CHLOROBENZENE	ug/kg	SW8260			7.5	U	7.7	U	7.9	U	7.8	U	7.8	U
ETHYLBENZENE	ug/kg	SW8260			7.5	U	7.7	U	7.9	U	7.8	U	7.8	U
NAPHTHALENE	ug/kg	SW8260			7.5	U	7.7	U	7.9	U	7.8	U	7.8	U
TOLUENE	ug/kg	SW8260			7.5	U	7.7	U	7.9	U	7.8	U	7.8	U
XYLENES, TOTAL	ug/kg	SW8260			22	U	23	U	24	U	23	U	23	U
ACENAPHTHENE	ug/kg	SW8270			10		4.4	J	14		32		10	U
ACENAPHTHYLENE	ug/kg	SW8270			11		6.1	J	6.7	J	13		5.2	J
ANTHRACENE	ug/kg	SW8270			45		19		49		80		11	
BENZO(A)ANTHRACENE	ug/kg	SW8270			200		66		200		250		49	
BENZO(A)PYRENE	ug/kg	SW8270			200		71		180		230		57	
BENZO(B)FLUORANTHENE	ug/kg	SW8270			240		85		220		290		78	
BENZO(G,H,I)PERYLENE	ug/kg	SW8270			120		45		110		130		41	
BENZO(K)FLUORANTHENE	ug/kg	SW8270			96		36		95		120		25	
CHRYSENE	ug/kg	SW8270			220		73		220		260		58	
DIBENZO(A,H)ANTHRACENE	ug/kg	SW8270			36		13		34		41		11	
FLUORANTHENE	ug/kg	SW8270			330		100		300		420		85	
FLUORENE	ug/kg	SW8270			15		6.6	J	19		36		4.4	J
INDENO(1,2,3-CD)PYRENE	ug/kg	SW8270			120		44		110		130		39	
PHENANTHRENE	ug/kg	SW8270			160		44		200		290		34	
PHENOL	ug/kg	SW8270			67		10	U	14		10	U	11	
PYRENE	ug/kg	SW8270			310		110		350		420		88	
SULFIDE	mg/kg	SW9030			225	U	231	U	237	U	234	U	233	U
pH	S.U.	SW9045			7.8		7.9		8		10.1		7.9	

Table 3A
Onondaga Lake Phase II Pre-Design Investigation
Summary of Sediment Analytical Results

		Location	OL-VC-60054		OL-VC-60054		OL-VC-60055		OL-VC-60055		OL-VC-60055		OL-VC-60056	
		Sample Depth	0.0-0.5 Ft		0.5-3.3 Ft		0.0-0.5 Ft		0.5-3.3 Ft		0.5-3.3 Ft		0.0-0.5 Ft	
		Field Sample ID	OL-0196-07		OL-0196-08		OL-0201-01		OL-0201-02		OL-0201-03		OL-0201-04	
		Matrix	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
		Sample Purpose	Regular Sample		Regular Sample		Regular Sample		Regular Sample		Field Duplicate		Regular Sample	
		Sample Date	10/3/2006		10/3/2006		10/4/2006		10/4/2006		10/4/2006		10/4/2006	
		Sample Delivery Group	6J040164 C6J040175		6J040164 C6J040175		6J050217 C6J050235		6J050217 C6J050235		6J050217 C6J050235		6J050217 C6J050235	
Parameter Name	Units	Analytical Method												
SOLIDS, PERCENT	%	ASTM D2216	38.6		33		35.7		34.5		34.1		33.3	
SOLIDS, PERCENT	%	E160.3	39.6		32.5		34.1		36.5		36		33	
NITROGEN, AMMONIA (AS N)	mg/kg	E350.1	355	J	992	J	491	J	830	J	883	J	459	J
TOTAL ORGANIC CARBON	mg/kg	Lloyd Kahn	72200	J	95500	J	48300	J	43100	J	81800	J	50500	J
MERCURY	mg/kg	SW7471	1.7	J	8.3	J	2.1	J	4.4	J	4.3	J	3	J
AROCLOR-1016	ug/kg	SW8082	120	UJ	1000	UJ	48	UJ	450	UJ	460	UJ	50	UJ
AROCLOR-1221	ug/kg	SW8082	120	UJ	1000	UJ	48	UJ	450	UJ	460	UJ	50	UJ
AROCLOR-1232	ug/kg	SW8082	120	UJ	1000	UJ	48	UJ	450	UJ	460	UJ	50	UJ
AROCLOR-1242	ug/kg	SW8082	120	UJ	1000	UJ	48	UJ	450	UJ	460	UJ	50	UJ
AROCLOR-1248	ug/kg	SW8082	1500	J	13000	J	610	J	5000	J	4700	J	440	J
AROCLOR-1254	ug/kg	SW8082	760	J	5000	J	48	UJ	450	UJ	460	UJ	50	UJ
AROCLOR-1260	ug/kg	SW8082	120	UJ	1000	UJ	200	J	1000	J	1000	J	160	J
AROCLOR-1268	ug/kg	SW8082	120	UJ	1000	UJ	48	UJ	450	UJ	460	UJ	50	UJ
PCBS, N.O.S.	ug/kg	SW8082	2260	J	18000	J	810	J	6000	J	5700	J	600	J
1,2,3-TRICHLOROBENZENE	ug/kg	SW8260	13	UJ	15	UJ	15	UJ	14	UJ	14	UJ	15	UJ
1,2,4-TRICHLOROBENZENE	ug/kg	SW8260	13	UJ	15	UJ	15	UJ	14	UJ	14	UJ	15	UJ
1,2-DICHLOROBENZENE	ug/kg	SW8260	13	UJ	14	J	15	UJ	3.3	J	14	UJ	15	UJ
1,3,5-TRICHLOROBENZENE	ug/kg	SW8260	13	UJ	15	UJ	15	UJ	14	UJ	14	UJ	15	UJ
1,3-DICHLOROBENZENE	ug/kg	SW8260	13	UJ	13	J	15	UJ	3.9	J	2.5	J	15	UJ
1,4-DICHLOROBENZENE	ug/kg	SW8260	13	UJ	29	J	15	UJ	11	J	6.2	J	4.3	J
BENZENE	ug/kg	SW8260	13	UJ	7.7	J	15	UJ	14	UJ	14	UJ	15	UJ
CHLOROBENZENE	ug/kg	SW8260	13	UJ	51	J	15	UJ	27	J	17	J	7.4	J
ETHYLBENZENE	ug/kg	SW8260	13	UJ	15	UJ	15	UJ	14	UJ	14	UJ	15	UJ
NAPHTHALENE	ug/kg	SW8260	13	UJ	15	UJ	15	UJ	14	UJ	14	UJ	15	UJ
TOLUENE	ug/kg	SW8260	13	UJ	1.9	J	15	UJ	14	UJ	14	UJ	15	UJ
XYLENES, TOTAL	ug/kg	SW8260	38	UJ	28	J	44	UJ	41	UJ	42	UJ	45	UJ
ACENAPHTHENE	ug/kg	SW8270	260	J	570	J	170	J	680	J	670	J	150	J
ACENAPHTHYLENE	ug/kg	SW8270	660	J	910	J	550	J	650	J	650	J	520	J
ANTHRACENE	ug/kg	SW8270	990	J	2800	J	730	J	1300	J	1300	J	690	J
BENZO(A)ANTHRACENE	ug/kg	SW8270	2200	J	3400	J	1900	J	2400	J	2700	J	1800	J
BENZO(A)PYRENE	ug/kg	SW8270	2100	J	2800	J	1800	J	2200	J	2200	J	1800	J
BENZO(B)FLUORANTHENE	ug/kg	SW8270	2700	J	3900	J	2200	J	2800	J	2800	J	2300	J
BENZO(G,H,I)PERYLENE	ug/kg	SW8270	1800	J	2300	J	1500	J	1500	J	1500	J	1600	J
BENZO(K)FLUORANTHENE	ug/kg	SW8270	1000	J	1500	J	920	J	1000	J	840	J	750	J
CHRYSENE	ug/kg	SW8270	2600	J	4300	J	2000	J	2800	J	3200	J	2000	J
DIBENZO(A,H)ANTHRACENE	ug/kg	SW8270	410	J	530	J	380	J	410	J	360	J	390	J
FLUORANTHENE	ug/kg	SW8270	3700	J	8400	J	2800	J	4700	J	4800	J	2700	J
FLUORENE	ug/kg	SW8270	360	J	410	UJ	290	J	910	J	940	J	260	J
INDENO(1,2,3-CD)PYRENE	ug/kg	SW8270	1400	J	2000	J	1300	J	1300	J	1300	J	1300	J
PHENANTHRENE	ug/kg	SW8270	1800	J	5800	J	1100	J	3100	J	3100	J	1000	J
PHENOL	ug/kg	SW8270	170	UJ	410	UJ	200	UJ	180	UJ	190	UJ	200	UJ
PYRENE	ug/kg	SW8270	3900	J	7700	J	3100	J	4500	J	4300	J	2900	J
SULFIDE	mg/kg	SW9030	606	J	1970	J	1640	J	1320	J	777	J	1570	J
pH	S.U.	SW9045	7.8		7.8		7.5		7.5		7.6		7.5	

Table 3A
Onondaga Lake Phase II Pre-Design Investigation
Summary of Sediment Analytical Results

		Location	OL-VC-60056		OL-VC-60057		OL-VC-60057		OL-VC-60057		OL-VC-60058		OL-VC-60058	
		Sample Depth	0.5-3.3 Ft		0.0-0.5 Ft		0.5-3.3 Ft		0.5-3.3 Ft		0.0-0.5 Ft		0.5-3.3 Ft	
		Field Sample ID	OL-0201-05		OL-0202-01		OL-0202-02		OL-0202-03		OL-0202-04		OL-0202-05	
		Matrix	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
		Sample Purpose	Regular Sample		Regular Sample		Regular Sample		Field Duplicate		Regular Sample		Regular Sample	
		Sample Date	10/4/2006		10/5/2006		10/5/2006		10/5/2006		10/5/2006		10/5/2006	
		Sample Delivery Group	6J050217 C6J050235		6J060207 C6J060215		6J060207 C6J060215		6J060207 C6J060215		6J060207 C6J060215		6J060207 C6J060215	
Parameter Name	Units	Analytical Method												
SOLIDS, PERCENT	%	ASTM D2216	36.7		47.9		41.9		41.4		28.8		35.9	
SOLIDS, PERCENT	%	E160.3	36.4		47.5		43.5		43.7		31.6		38.1	
NITROGEN, AMMONIA (AS N)	mg/kg	E350.1	746	J	295	J	1030	J	962	J	897	J	1060	J
TOTAL ORGANIC CARBON	mg/kg	Lloyd Kahn	56200	J	66400	J	53700	J	46100	J	52600	J	50200	J
MERCURY	mg/kg	SW7471	2.7	J	4.4	J	3.4	J	3	J	5.4	J	4.4	J
AROCLOR-1016	ug/kg	SW8082	45	UJ	35	UJ	38	UJ	38	UJ	52	UJ	43	UJ
AROCLOR-1221	ug/kg	SW8082	45	UJ	35	UJ	38	UJ	38	UJ	52	UJ	43	UJ
AROCLOR-1232	ug/kg	SW8082	45	UJ	35	UJ	38	UJ	38	UJ	52	UJ	43	UJ
AROCLOR-1242	ug/kg	SW8082	45	UJ	35	UJ	38	UJ	38	UJ	52	UJ	43	UJ
AROCLOR-1248	ug/kg	SW8082	1300	J	390	J	930	J	960	J	230	J	360	J
AROCLOR-1254	ug/kg	SW8082	45	UJ	35	UJ	38	UJ	38	UJ	52	UJ	43	UJ
AROCLOR-1260	ug/kg	SW8082	340	J	250	J	370	J	390	J	180	J	200	J
AROCLOR-1268	ug/kg	SW8082	45	UJ	35	UJ	38	UJ	38	UJ	52	UJ	43	UJ
PCBS, N.O.S.	ug/kg	SW8082	1640	J	640	J	1300	J	1350	J	410	J	560	J
1,2,3-TRICHLOROBENZENE	ug/kg	SW8260	14	UJ	11	UJ	12	UJ	11	UJ	16	UJ	13	UJ
1,2,4-TRICHLOROBENZENE	ug/kg	SW8260	14	UJ	11	UJ	12	UJ	11	UJ	16	UJ	13	UJ
1,2-DICHLOROBENZENE	ug/kg	SW8260	14	UJ	2.7	J	12	UJ	11	UJ	16	UJ	13	UJ
1,3,5-TRICHLOROBENZENE	ug/kg	SW8260	14	UJ	11	UJ	12	UJ	11	UJ	16	UJ	13	UJ
1,3-DICHLOROBENZENE	ug/kg	SW8260	14	UJ	11	UJ	2.9	J	3.5	J	16	UJ	13	UJ
1,4-DICHLOROBENZENE	ug/kg	SW8260	7.5	J	9.6	J	10	J	11	J	19	J	3.5	J
BENZENE	ug/kg	SW8260	14	UJ	11	UJ	3	J	2.7	J	2.6	J	13	UJ
CHLOROBENZENE	ug/kg	SW8260	18	J	23	J	38	J	36	J	39	J	12	J
ETHYLBENZENE	ug/kg	SW8260	14	UJ	11	UJ	12	UJ	11	UJ	16	UJ	13	UJ
NAPHTHALENE	ug/kg	SW8260	14	UJ	11	UJ	12	UJ	11	UJ	16	UJ	13	UJ
TOLUENE	ug/kg	SW8260	14	UJ	11	UJ	12	UJ	11	UJ	16	UJ	13	UJ
XYLENES, TOTAL	ug/kg	SW8260	41	UJ	32	UJ	35	UJ	34	UJ	48	UJ	39	UJ
ACENAPHTHENE	ug/kg	SW8270	160	J	180	J	220	J	84	J	150	J	550	J
ACENAPHTHYLENE	ug/kg	SW8270	440	J	560	J	680	J	310	J	450	J	2200	J
ANTHRACENE	ug/kg	SW8270	690	J	770	J	990	J	540	J	710	J	2200	J
BENZO(A)ANTHRACENE	ug/kg	SW8270	1500	J	1600	J	2100	J	670	J	1100	J	4800	J
BENZO(A)PYRENE	ug/kg	SW8270	1400	J	1500	J	1900	J	600	J	1100	J	4900	J
BENZO(B)FLUORANTHENE	ug/kg	SW8270	1700	J	1900	J	2100	J	740	J	1400	J	5600	J
BENZO(G,H,I)PERYLENE	ug/kg	SW8270	1000	J	950	J	1100	J	470	J	790	J	3500	J
BENZO(K)FLUORANTHENE	ug/kg	SW8270	710	J	560	J	860	J	290	J	440	J	2000	J
CHRYSENE	ug/kg	SW8270	1800	J	1800	J	2300	J	760	J	1300	J	4900	J
DIBENZO(A,H)ANTHRACENE	ug/kg	SW8270	280	J	260	J	320	J	110	J	200	J	910	J
FLUORANTHENE	ug/kg	SW8270	2500	J	2500	J	3000	J	1400	J	2100	J	7800	J
FLUORENE	ug/kg	SW8270	330	J	330	J	300	J	110	J	260	J	850	J
INDENO(1,2,3-CD)PYRENE	ug/kg	SW8270	890	J	820	J	1000	J	410	J	620	J	2800	J
PHENANTHRENE	ug/kg	SW8270	1200	J	1100	J	1400	J	620	J	990	J	3400	J
PHENOL	ug/kg	SW8270	92	UJ	32	J	77	UJ	150	UJ	58	J	260	UJ
PYRENE	ug/kg	SW8270	2500	J	2400	J	2700	J	1000	J	2000	J	7600	J
SULFIDE	mg/kg	SW9030	988	J	169	J	92	J	343	UJ	475	UJ	394	UJ
pH	S.U.	SW9045	7.5		7.4	J	7.7	J	7.6	J	7.7	J	7.6	J

Table 3A
Onondaga Lake Phase II Pre-Design Investigation
Summary of Sediment Analytical Results

		Location	OL-VC-60059		OL-VC-60059		OL-VC-60059		OL-VC-60060		OL-VC-60060		OL-VC-60060	
		Sample Depth	0.0-3.3 Ft		3.3-6.6 Ft		6.6-9.9 Ft		0.0-3.3 Ft		3.3-6.6 Ft		6.6-9.9 Ft	
		Field Sample ID	OL-0201-06		OL-0201-07		OL-0201-08		OL-0199-01		OL-0199-02		OL-0199-03	
		Matrix	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
		Sample Purpose	Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample	
		Sample Date	10/4/2006		10/4/2006		10/4/2006		10/4/2006		10/4/2006		10/4/2006	
		Sample Delivery Group	6J050217 C6J050235		6J050217 C6J050235		6J050217 C6J050235		6J050210 C6J050219		6J050210 C6J050219		6J050210 C6J050219	
Parameter Name	Units	Analytical Method												
SOLIDS, PERCENT	%	ASTM D2216	49.3		48.9		53		42.2		48.1		50.3	
SOLIDS, PERCENT	%	E160.3	50.2		50.2		52.7		42		49		50	
NITROGEN, AMMONIA (AS N)	mg/kg	E350.1	75.1	J	126	J	157	J	608	J	758	J	926	J
TOTAL ORGANIC CARBON	mg/kg	Lloyd Kahn	36800	J	47800	J	34000		79200	J	62200	J	77200	J
MERCURY	mg/kg	SW7471	0.033	U	0.033	U	0.032	U	5.3	J	1.1	J	1.4	
AROCLOR-1016	ug/kg	SW8082	33	U	33	U	31	U	200	UJ	34	UJ	33	U
AROCLOR-1221	ug/kg	SW8082	33	U	33	U	31	U	200	UJ	34	UJ	33	U
AROCLOR-1232	ug/kg	SW8082	33	U	33	U	31	U	200	UJ	34	UJ	33	U
AROCLOR-1242	ug/kg	SW8082	33	U	33	U	31	U	200	UJ	34	UJ	33	U
AROCLOR-1248	ug/kg	SW8082	33	U	33	U	31	U	2800	J	18	J	33	U
AROCLOR-1254	ug/kg	SW8082	33	U	33	U	31	U	1300	J	14	J	33	U
AROCLOR-1260	ug/kg	SW8082	33	U	33	U	31	U	200	UJ	34	UJ	33	U
AROCLOR-1268	ug/kg	SW8082	33	U	33	U	31	U	200	UJ	34	UJ	33	U
PCBS, N.O.S.	ug/kg	SW8082	33	U	33	U	31	U	4100	J	32	J	33	U
1,2,3-TRICHLOROBENZENE	ug/kg	SW8260	10	U	10	U	9.5	U	12	UJ	10	UJ	10	U
1,2,4-TRICHLOROBENZENE	ug/kg	SW8260	10	U	10	U	9.5	U	12	UJ	10	UJ	10	U
1,2-DICHLOROBENZENE	ug/kg	SW8260	10	U	10	U	9.5	U	12	UJ	10	UJ	10	U
1,3,5-TRICHLOROBENZENE	ug/kg	SW8260	10	U	10	U	9.5	U	12	UJ	10	UJ	10	U
1,3-DICHLOROBENZENE	ug/kg	SW8260	10	U	10	U	9.5	U	12	UJ	10	UJ	10	U
1,4-DICHLOROBENZENE	ug/kg	SW8260	10	U	10	U	9.5	U	12	UJ	10	UJ	10	U
BENZENE	ug/kg	SW8260	10	U	10	U	9.5	U	12	UJ	10	UJ	10	U
CHLOROBENZENE	ug/kg	SW8260	10	U	10	U	9.5	U	12	UJ	10	UJ	10	U
ETHYLBENZENE	ug/kg	SW8260	10	U	10	U	9.5	U	12	UJ	10	UJ	10	U
NAPHTHALENE	ug/kg	SW8260	10	U	10	U	9.5	U	30	J	240	J	8	J
TOLUENE	ug/kg	SW8260	10	U	10	U	9.5	U	12	UJ	10	UJ	10	U
XYLENES, TOTAL	ug/kg	SW8260	30	U	30	U	28	U	6.9	J	9.1	J	30	U
ACENAPHTHENE	ug/kg	SW8270	3.7	J	13	U	13	U	3600	J	5200	J	2000	
ACENAPHTHYLENE	ug/kg	SW8270	6.6	U	13	U	13	U	3100	J	3000	J	1500	
ANTHRACENE	ug/kg	SW8270	6.6	U	13	U	13	U	6700	J	8000	J	6000	
BENZO(A)ANTHRACENE	ug/kg	SW8270	6.6	U	13	U	13	U	10000	J	9000	J	9000	
BENZO(A)PYRENE	ug/kg	SW8270	6.6	U	13	U	13	U	7400	J	5600	J	6500	
BENZO(B)FLUORANTHENE	ug/kg	SW8270	6.6	U	13	U	13	U	8100	J	5100	J	5300	
BENZO(G,H,I)PERYLENE	ug/kg	SW8270	6.6	U	13	U	13	U	4800	J	3300	J	4500	
BENZO(K)FLUORANTHENE	ug/kg	SW8270	6.6	U	13	U	13	U	2800	J	1600	J	2100	
CHRYSENE	ug/kg	SW8270	6.6	U	13	U	13	U	10000	J	7900	J	7500	
DIBENZO(A,H)ANTHRACENE	ug/kg	SW8270	6.6	U	13	U	13	U	1300	J	960	J	1000	
FLUORANTHENE	ug/kg	SW8270	6.6	U	13	U	13	U	17000	J	11000	J	11000	
FLUORENE	ug/kg	SW8270	6.6	U	13	U	13	U	4000	J	5300	J	2500	
INDENO(1,2,3-CD)PYRENE	ug/kg	SW8270	6.6	U	13	U	13	U	3900	J	2600	J	3000	
PHENANTHRENE	ug/kg	SW8270	5.9	J	4.4	J	4.3	J	16000	J	20000	J	14000	
PHENOL	ug/kg	SW8270	6.6	U	13	U	13	U	400	UJ	340	UJ	330	UJ
PYRENE	ug/kg	SW8270	1.5	J	13	U	13	U	18000	J	17000	J	18000	
SULFIDE	mg/kg	SW9030	299	UJ	299	UJ	285	UJ	286	J	163	J	80	J
pH	S.U.	SW9045	7.7		7.5		7.4		7.6		7.6		7.4	

Table 3A
Onondaga Lake Phase II Pre-Design Investigation
Summary of Sediment Analytical Results

		Location	OL-VC-60060			OL-VC-60061			OL-VC-60061			OL-VC-60061			OL-VC-60062			OL-VC-60062	
		Sample Depth	3.3-6.6 Ft			0.0-3.3 Ft			3.3-6.6 Ft			6.6-9.9 Ft			0.0-3.3 Ft			3.3-6.6 Ft	
		Field Sample ID	OL-0199-04			OL-0199-05			OL-0199-06			OL-0199-07			OL-0201-09			OL-0201-10	
		Matrix	SOIL			SOIL			SOIL			SOIL			SOIL			SOIL	
		Sample Purpose	Field Duplicate			Regular Sample			Regular Sample			Regular Sample			Regular Sample			Regular Sample	
		Sample Date	10/4/2006			10/4/2006			10/4/2006			10/4/2006			10/4/2006			10/4/2006	
		Sample Delivery Group	6J050210 C6J050219			6J050210 C6J050219			6J050210 C6J050219			6J050210 C6J050219			6J050217 C6J050235			6J050217 C6J050235	
Parameter Name	Units	Analytical Method																	
SOLIDS, PERCENT	%	ASTM D2216	48.2			50.4			53.3			53.7			49.4			59.5	
SOLIDS, PERCENT	%	E160.3	46.4			50.2			52.4			48.9			49.7			57.7	
NITROGEN, AMMONIA (AS N)	mg/kg	E350.1	882	J		636	J		1080	J		1090	J		610	J		442	J
TOTAL ORGANIC CARBON	mg/kg	Lloyd Kahn	68800	J		69800	J		75100	J		64400	J		80100	J		41800	
MERCURY	mg/kg	SW7471	1.2	J		4.2			2.1			2.4	J		3.8	J		1.2	
AROCLOR-1016	ug/kg	SW8082	36	UJ		99	U		32	U		34	UJ		33	UJ		29	U
AROCLOR-1221	ug/kg	SW8082	36	UJ		99	U		32	U		34	UJ		33	UJ		29	U
AROCLOR-1232	ug/kg	SW8082	36	UJ		99	U		32	U		34	UJ		33	UJ		29	U
AROCLOR-1242	ug/kg	SW8082	36	UJ		99	U		32	U		34	UJ		33	UJ		29	U
AROCLOR-1248	ug/kg	SW8082	18	J		970			32	U		34	UJ		210	J		29	U
AROCLOR-1254	ug/kg	SW8082	12	J		990			68			34	UJ		33	UJ		29	U
AROCLOR-1260	ug/kg	SW8082	36	UJ		99	U		32	U		34	UJ		400	J		29	U
AROCLOR-1268	ug/kg	SW8082	36	UJ		99	U		32	U		34	UJ		33	UJ		29	U
PCBS, N.O.S.	ug/kg	SW8082	30	J		1960			68			34	UJ		610	J		29	U
1,2,3-TRICHLOROBENZENE	ug/kg	SW8260	11	UJ		10	U		48	U		51	UJ		50	UJ		8.7	U
1,2,4-TRICHLOROBENZENE	ug/kg	SW8260	11	UJ		10	U		48	U		51	UJ		50	UJ		8.7	U
1,2-DICHLOROBENZENE	ug/kg	SW8260	11	UJ		10	U		48	U		51	UJ		50	UJ		8.7	U
1,3,5-TRICHLOROBENZENE	ug/kg	SW8260	11	UJ		10	U		48	U		51	UJ		50	UJ		8.7	U
1,3-DICHLOROBENZENE	ug/kg	SW8260	11	UJ		10	U		48	U		51	UJ		50	UJ		8.7	U
1,4-DICHLOROBENZENE	ug/kg	SW8260	11	UJ		10	U		48	U		51	UJ		50	UJ		8.7	U
BENZENE	ug/kg	SW8260	11	UJ		4.6	J		60			51	UJ		6.8	J		8.7	U
CHLOROBENZENE	ug/kg	SW8260	11	UJ		10	U		48	U		51	UJ		50	UJ		8.7	U
ETHYLBENZENE	ug/kg	SW8260	11	UJ		10	U		40	J		34	J		17	J		8.7	U
NAPHTHALENE	ug/kg	SW8260	250	J		140			1200	J		1200	J		890	J		53	
TOLUENE	ug/kg	SW8260	11	UJ		10	U		48	U		8.3	J		50	UJ		8.7	U
XYLENES, TOTAL	ug/kg	SW8260	8.5	J		29	J		59	J		98	J		130	J		26	U
ACENAPHTHENE	ug/kg	SW8270	5300	J		4500			36000			14000	J		6100	J		7300	
ACENAPHTHYLENE	ug/kg	SW8270	2900	J		2600			8800			4600	J		2300	J		2600	
ANTHRACENE	ug/kg	SW8270	7600	J		6900			30000			15000	J		6700	J		12000	
BENZO(A)ANTHRACENE	ug/kg	SW8270	8500	J		10000			24000			13000	J		7800	J		13000	
BENZO(A)PYRENE	ug/kg	SW8270	5400	J		7000			13000			8000	J		5900	J		9900	
BENZO(B)FLUORANTHENE	ug/kg	SW8270	4600	J		8200			12000			6900	J		6000	J		8400	
BENZO(G,H,I)PERYLENE	ug/kg	SW8270	3200	J		4700			6900	J		4600	J		3000	J		4900	
BENZO(K)FLUORANTHENE	ug/kg	SW8270	1800	J		2600			4800			2400	J		2300	J		3200	
CHRYSENE	ug/kg	SW8270	8000	J		10000			21000			11000	J		7300	J		10000	
DIBENZO(A,H)ANTHRACENE	ug/kg	SW8270	860	J		1300			2100			1300	J		970	J		1400	
FLUORANTHENE	ug/kg	SW8270	11000	J		19000			33000	J		19000	J		13000	J		22000	
FLUORENE	ug/kg	SW8270	5200	J		4500			25000			11000	J		4900	J		7200	
INDENO(1,2,3-CD)PYRENE	ug/kg	SW8270	2400	J		3900			5700			3600	J		2700	J		4200	
PHENANTHRENE	ug/kg	SW8270	19000	J		19000			79000	J		36000	J		18000	J		29000	
PHENOL	ug/kg	SW8270	360	UJ		330	UJ		320	U		680	UJ		200	UJ		580	U
PYRENE	ug/kg	SW8270	17000	J		20000			47000			26000	J		15000	J		24000	J
SULFIDE	mg/kg	SW9030	259	J		79.8	J		76.4	J		81.7	J		302	UJ		260	UJ
pH	S.U.	SW9045	7.6			7.6			7.6			7.7			7.6			7.2	

Table 3A
Onondaga Lake Phase II Pre-Design Investigation
Summary of Sediment Analytical Results

		Location	OL-VC-60062		OL-VC-60063		OL-VC-60063		OL-VC-60063		OL-VC-60064		OL-VC-60064	
		Sample Depth	6.6-9.9 Ft		0.0-3.3 Ft		3.3-6.6 Ft		6.6-9.9 Ft		0.0-3.3 Ft		3.3-6.6 Ft	
		Field Sample ID	OL-0201-11		OL-0202-06		OL-0202-07		OL-0202-08		OL-0202-09		OL-0202-10	
		Matrix	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
		Sample Purpose	Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample	
		Sample Date	10/4/2006		10/5/2006		10/5/2006		10/5/2006		10/5/2006		10/5/2006	
		Sample Delivery Group	6J050217 C6J050235		6J060207 C6J060215		6J060207 C6J060215		6J060207 C6J060215		6J060207 C6J060215		6J060207 C6J060215	
Parameter Name	Units	Analytical Method												
SOLIDS, PERCENT	%	ASTM D2216	59		44.6		49.8		53.1		44.8		51.4	
SOLIDS, PERCENT	%	E160.3	56.1		46		48.9		54.7		45.1		52.5	
NITROGEN, AMMONIA (AS N)	mg/kg	E350.1	506	J	764	J	1030	J	897	J	646	J	739	J
TOTAL ORGANIC CARBON	mg/kg	Lloyd Kahn	32800		69600	J	76700	J	53900	J	62400	J	63000	J
MERCURY	mg/kg	SW7471	0.25		5.6	J	3.1	J	2.8		4.4	J	4.6	
AROCLOR-1016	ug/kg	SW8082	29	U	360	UJ	68	UJ	30	U	370	UJ	130	U
AROCLOR-1221	ug/kg	SW8082	29	U	360	UJ	68	UJ	30	U	370	UJ	130	U
AROCLOR-1232	ug/kg	SW8082	29	U	360	UJ	68	UJ	30	U	370	UJ	130	U
AROCLOR-1242	ug/kg	SW8082	29	U	360	UJ	68	UJ	30	U	370	UJ	130	U
AROCLOR-1248	ug/kg	SW8082	29	U	4100	J	300	J	30	U	2600	J	890	
AROCLOR-1254	ug/kg	SW8082	29	U	360	UJ	68	UJ	30	U	370	UJ	130	U
AROCLOR-1260	ug/kg	SW8082	29	U	1500	J	490	J	30	U	1100	J	370	
AROCLOR-1268	ug/kg	SW8082	29	U	360	UJ	68	UJ	30	U	370	UJ	130	U
PCBS, N.O.S.	ug/kg	SW8082	29	U	5600	J	790	J	30	U	3700	J	1260	
1,2,3-TRICHLOROBENZENE	ug/kg	SW8260	8.9	U	11	UJ	10	UJ	46	U	11	UJ	9.5	U
1,2,4-TRICHLOROBENZENE	ug/kg	SW8260	8.9	U	11	UJ	10	UJ	46	U	11	UJ	9.5	U
1,2-DICHLOROBENZENE	ug/kg	SW8260	8.9	U	8.2	J	10	UJ	46	U	13	J	9.5	U
1,3,5-TRICHLOROBENZENE	ug/kg	SW8260	8.9	U	11	UJ	10	UJ	46	U	9.1	J	9.5	U
1,3-DICHLOROBENZENE	ug/kg	SW8260	8.9	U	2.8	J	10	UJ	46	U	4.4	J	9.5	U
1,4-DICHLOROBENZENE	ug/kg	SW8260	8.9	U	17	J	10	UJ	46	U	29	J	3.3	J
BENZENE	ug/kg	SW8260	8.9	U	9.7	J	3.7	J	55		3.3	J	2.7	J
CHLOROBENZENE	ug/kg	SW8260	8.9	U	17	J	10	UJ	46	U	83	J	14	
ETHYLBENZENE	ug/kg	SW8260	8.9	U	11	UJ	5.4	J	47		11	UJ	9.5	U
NAPHTHALENE	ug/kg	SW8260	8.9	U	92	J	110	J	1200		6.5	J	12	
TOLUENE	ug/kg	SW8260	8.9	U	2.1	J	1.9	J	46	U	1.4	J	9.5	U
XYLENES, TOTAL	ug/kg	SW8260	27	U	87	J	33	J	72	J	33	UJ	5.6	J
ACENAPHTHENE	ug/kg	SW8270	240		7700	J	9400	J	39000		490	J	3500	
ACENAPHTHYLENE	ug/kg	SW8270	76		3200	J	5000	J	9800		1100	J	1500	
ANTHRACENE	ug/kg	SW8270	820		9700	J	11000	J	31000		1500	J	4400	
BENZO(A)ANTHRACENE	ug/kg	SW8270	1400		8400	J	12000	J	25000		3100	J	3500	
BENZO(A)PYRENE	ug/kg	SW8270	1000		6400	J	8500	J	15000		2500	J	2100	
BENZO(B)FLUORANTHENE	ug/kg	SW8270	1000		6900	J	9400	J	9900		3100	J	1800	
BENZO(G,H,I)PERYLENE	ug/kg	SW8270	460		3900	J	4700	J	5400		1800	J	980	
BENZO(K)FLUORANTHENE	ug/kg	SW8270	400		2600	J	3400	J	4600		980	J	770	
CHRYSENE	ug/kg	SW8270	1100		9200	J	12000	J	21000		3300	J	3100	
DIBENZO(A,H)ANTHRACENE	ug/kg	SW8270	160		1000	J	1500	J	1800		470	J	310	
FLUORANTHENE	ug/kg	SW8270	2300		20000	J	23000	J	34000		5700	J	5800	
FLUORENE	ug/kg	SW8270	430		6700	J	7800	J	29000		880	J	3300	
INDENO(1,2,3-CD)PYRENE	ug/kg	SW8270	470		3100	J	4000	J	4500		1400	J	810	
PHENANTHRENE	ug/kg	SW8270	1600		25000	J	28000	J	86000	J	3300	J	11000	
PHENOL	ug/kg	SW8270	41		730	UJ	680	UJ	610	U	740	UJ	130	U
PYRENE	ug/kg	SW8270	2100		21000	J	24000	J	51000		5200	J	6900	
SULFIDE	mg/kg	SW9030	267	UJ	326	UJ	164	J	146	J	332	UJ	285	U
pH	S.U.	SW9045	6.9		7.8	J	7.7	J	7.7	J	7.8	J	7.5	J

Table 3A
Onondaga Lake Phase II Pre-Design Investigation
Summary of Sediment Analytical Results

		Location	OL-VC-60064		OL-VC-60065		OL-VC-60065		OL-VC-60065		OL-VC-60066		OL-VC-60066	
		Sample Depth	6.6-9.9 Ft		0.0-3.3 Ft		3.3-6.6 Ft		6.6-9.9 Ft		0.0-3.3 Ft		3.3-6.6 Ft	
		Field Sample ID	OL-0202-11		OL-0202-12		OL-0202-13		OL-0202-14		OL-0199-08		OL-0199-09	
		Matrix	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
		Sample Purpose	Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample	
		Sample Date	10/5/2006		10/5/2006		10/5/2006		10/5/2006		10/4/2006		10/4/2006	
		Sample Delivery Group	6J060207 C6J060215		6J060207 C6J060215		6J060207 C6J060215		6J060207 C6J060215		6J050210 C6J050219		6J050210 C6J050219	
Parameter Name	Units	Analytical Method												
SOLIDS, PERCENT	%	ASTM D2216	49.6		39.9		43.5		50.3		46.7		52.8	
SOLIDS, PERCENT	%	E160.3	48.1		42.2		43.8		50.4		57.2		56.2	
NITROGEN, AMMONIA (AS N)	mg/kg	E350.1	629	J	776	J	1230	J	1310	J	9.6	J	21.6	J
TOTAL ORGANIC CARBON	mg/kg	Lloyd Kahn	44600	J	70800	J	78000	J	54400	J	38100	J	31600	J
MERCURY	mg/kg	SW7471	1.2	J	5.7	J	12.8	J	3.4		0.029	U	0.03	U
AROCLOR-1016	ug/kg	SW8082	34	UJ	160	UJ	380	UJ	33	U	29	U	29	U
AROCLOR-1221	ug/kg	SW8082	34	UJ	160	UJ	380	UJ	33	U	29	U	29	U
AROCLOR-1232	ug/kg	SW8082	34	UJ	160	UJ	380	UJ	33	U	29	U	29	U
AROCLOR-1242	ug/kg	SW8082	34	UJ	160	UJ	380	UJ	33	U	29	U	29	U
AROCLOR-1248	ug/kg	SW8082	34	UJ	1500	J	2400	J	33	U	29	U	29	U
AROCLOR-1254	ug/kg	SW8082	34	UJ	160	UJ	380	UJ	33	U	29	U	29	U
AROCLOR-1260	ug/kg	SW8082	34	UJ	770	J	1500	J	33	U	29	U	29	U
AROCLOR-1268	ug/kg	SW8082	34	UJ	160	UJ	380	UJ	33	U	29	U	29	U
PCBS, N.O.S.	ug/kg	SW8082	34	UJ	2270	J	3900	J	33	U	29	U	29	U
1,2,3-TRICHLOROBENZENE	ug/kg	SW8260	10	UJ	12	UJ	11	UJ	9.9	U	8.7	U	8.9	U
1,2,4-TRICHLOROBENZENE	ug/kg	SW8260	10	UJ	12	UJ	11	UJ	9.9	U	8.7	U	8.9	U
1,2-DICHLOROBENZENE	ug/kg	SW8260	10	UJ	6.6	J	11	UJ	9.9	U	8.7	U	8.9	U
1,3,5-TRICHLOROBENZENE	ug/kg	SW8260	10	UJ	12	UJ	11	UJ	9.9	U	8.7	U	8.9	U
1,3-DICHLOROBENZENE	ug/kg	SW8260	10	UJ	4.1	J	11	UJ	9.9	U	8.7	U	8.9	U
1,4-DICHLOROBENZENE	ug/kg	SW8260	10	UJ	18	J	3.9	J	9.9	U	8.7	U	8.9	U
BENZENE	ug/kg	SW8260	10	UJ	8.5	J	3.1	J	9.9	U	8.7	U	8.9	U
CHLOROBENZENE	ug/kg	SW8260	10	UJ	69	J	5.7	J	9.9	U	8.7	U	8.9	U
ETHYLBENZENE	ug/kg	SW8260	10	UJ	12	UJ	11	UJ	2	J	8.7	U	8.9	U
NAPHTHALENE	ug/kg	SW8260	7	J	12	UJ	5.4	J	79		4.3	J	8.9	U
TOLUENE	ug/kg	SW8260	10	UJ	1.6	J	11	UJ	9.9	U	8.7	U	8.9	U
XYLENES, TOTAL	ug/kg	SW8260	31	UJ	6.9	J	7.5	J	5.6	J	26	U	27	U
ACENAPHTHENE	ug/kg	SW8270	6400	J	430	J	2200	J	11000		12	U	12	U
ACENAPHTHYLENE	ug/kg	SW8270	2400	J	980	J	2900	J	4000		12	U	12	U
ANTHRACENE	ug/kg	SW8270	10000	J	1600	J	6500	J	13000		12	U	12	U
BENZO(A)ANTHRACENE	ug/kg	SW8270	10000	J	2900	J	6700	J	10000		12	U	12	U
BENZO(A)PYRENE	ug/kg	SW8270	7500	J	2300	J	5300	J	6200		12	U	12	U
BENZO(B)FLUORANTHENE	ug/kg	SW8270	6200	J	2900	J	6100	J	6000		12	U	12	U
BENZO(G,H,I)PERYLENE	ug/kg	SW8270	4300	J	1700	J	3200	J	3200		12	UJ	12	UJ
BENZO(K)FLUORANTHENE	ug/kg	SW8270	1900	J	1100	J	2100	J	2100		12	U	12	U
CHRYSENE	ug/kg	SW8270	8300	J	3300	J	7200	J	8500		12	U	12	U
DIBENZO(A,H)ANTHRACENE	ug/kg	SW8270	990	J	410	J	840	J	930		12	U	12	U
FLUORANTHENE	ug/kg	SW8270	16000	J	6100	J	14000	J	18000		12	U	12	U
FLUORENE	ug/kg	SW8270	5800	J	830	J	3200	J	10000		12	U	12	U
INDENO(1,2,3-CD)PYRENE	ug/kg	SW8270	3000	J	1400	J	2600	J	2500		12	U	12	U
PHENANTHRENE	ug/kg	SW8270	26000	J	3200	J	13000	J	34000		4.4	J	3.2	J
PHENOL	ug/kg	SW8270	690	UJ	790	UJ	760	UJ	660	U	4.3	J	12	U
PYRENE	ug/kg	SW8270	23000	J	5100	J	14000	J	21000		12	U	12	U
SULFIDE	mg/kg	SW9030	312	UJ	1330	J	1370	J	1590	J	262	UJ	267	UJ
pH	S.U.	SW9045	7.3	J	7.6	J	7.7	J	7.6	J	7.7		7.5	

Table 3A
Onondaga Lake Phase II Pre-Design Investigation
Summary of Sediment Analytical Results

		Location	OL-VC-60066		OL-VC-60066		OL-VC-60066		OL-VC-60066		OL-VC-60067		OL-VC-60067	
		Sample Depth	6.6-9.9 Ft		9.9-13.2 Ft		13.2-16.5 Ft		16.5-19.9 Ft		0.0-3.3 Ft		3.3-6.6 Ft	
		Field Sample ID	OL-0199-10		OL-0199-11		OL-0199-12		OL-0199-13		OL-0199-14		OL-0199-15	
		Matrix	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
		Sample Purpose	Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample	
		Sample Date	10/4/2006		10/4/2006		10/4/2006		10/4/2006		10/4/2006		10/4/2006	
		Sample Delivery Group	6J050210 C6J050219		6J050210 C6J050219		6J050210 C6J050219		6J050210 C6J050219		6J050210 C6J050219		6J050210 C6J050219	
Parameter Name	Units	Analytical Method												
SOLIDS, PERCENT	%	ASTM D2216	63.4		57.4		67.8		65.9		50.4		42.5	
SOLIDS, PERCENT	%	E160.3	58.3		58.3		67.2		67.7		53.6		51.5	
NITROGEN, AMMONIA (AS N)	mg/kg	E350.1	26.2	J	29.2	J	30	J	25.3	J	60.9	J	107	J
TOTAL ORGANIC CARBON	mg/kg	Lloyd Kahn	39900	J	27900	J	17800	J	15300	J	49800	J	44700	J
MERCURY	mg/kg	SW7471	0.0083	J	0.011	J	0.013	J	0.012	J	0.031	U	0.032	U
AROCLOR-1016	ug/kg	SW8082	28	U	28	U	25	U	24	U	31	U	32	U
AROCLOR-1221	ug/kg	SW8082	28	U	28	U	25	U	24	U	31	U	32	U
AROCLOR-1232	ug/kg	SW8082	28	U	28	U	25	U	24	U	31	U	32	U
AROCLOR-1242	ug/kg	SW8082	28	U	28	U	25	U	24	U	31	U	32	U
AROCLOR-1248	ug/kg	SW8082	28	U	28	U	25	U	24	U	31	U	32	U
AROCLOR-1254	ug/kg	SW8082	28	U	28	U	25	U	24	U	31	U	32	U
AROCLOR-1260	ug/kg	SW8082	28	U	28	U	25	U	24	U	31	U	32	U
AROCLOR-1268	ug/kg	SW8082	28	U	28	U	25	U	24	U	31	U	32	U
PCBS, N.O.S.	ug/kg	SW8082	28	U	28	U	25	U	24	U	31	U	32	U
1,2,3-TRICHLOROBENZENE	ug/kg	SW8260	8.6	U	8.6	U	7.4	U	7.4	U	9.3	U	9.7	U
1,2,4-TRICHLOROBENZENE	ug/kg	SW8260	8.6	U	8.6	U	7.4	U	7.4	U	9.3	U	9.7	U
1,2-DICHLOROBENZENE	ug/kg	SW8260	8.6	U	8.6	U	7.4	U	7.4	U	9.3	U	9.7	U
1,3,5-TRICHLOROBENZENE	ug/kg	SW8260	8.6	U	8.6	U	7.4	U	7.4	U	9.3	U	9.7	U
1,3-DICHLOROBENZENE	ug/kg	SW8260	8.6	U	8.6	U	7.4	U	7.4	U	9.3	U	9.7	U
1,4-DICHLOROBENZENE	ug/kg	SW8260	8.6	U	8.6	U	7.4	U	7.4	U	9.3	U	9.7	U
BENZENE	ug/kg	SW8260	8.6	U	8.6	U	7.4	U	7.4	U	9.3	U	9.7	U
CHLOROBENZENE	ug/kg	SW8260	8.6	U	8.6	U	7.4	U	7.4	U	9.3	U	9.7	U
ETHYLBENZENE	ug/kg	SW8260	8.6	U	8.6	U	7.4	U	7.4	U	9.3	U	9.7	U
NAPHTHALENE	ug/kg	SW8260	8.6	U	8.6	U	7.4	U	7.4	U	9.3	U	9.7	U
TOLUENE	ug/kg	SW8260	8.6	U	8.6	U	7.4	U	7.4	U	9.3	U	9.7	U
XYLENES, TOTAL	ug/kg	SW8260	26	U	26	U	22	U	22	U	28	U	29	U
ACENAPHTHENE	ug/kg	SW8270	9.7		11	U	5	U	4.9	U	12	U	13	U
ACENAPHTHYLENE	ug/kg	SW8270	3.4	J	11	U	5	U	4.9	U	12	U	13	U
ANTHRACENE	ug/kg	SW8270	11		11	U	5	U	4.9	U	12	U	13	U
BENZO(A)ANTHRACENE	ug/kg	SW8270	9		11	U	3.5	J	4.9	U	12	U	13	U
BENZO(A)PYRENE	ug/kg	SW8270	5.1	J	11	U	5	U	4.9	U	12	U	13	U
BENZO(B)FLUORANTHENE	ug/kg	SW8270	4.7	J	2.1	J	1.8	J	2	J	2.8	J	13	U
BENZO(G,H,I)PERYLENE	ug/kg	SW8270	3.4	J	11	UJ	1.6	J	1.7	J	12	UJ	13	U
BENZO(K)FLUORANTHENE	ug/kg	SW8270	5.7	U	11	U	5	U	4.9	U	12	U	13	U
CHRYSENE	ug/kg	SW8270	7.9		11	U	5	U	3.7	J	12	U	13	U
DIBENZO(A,H)ANTHRACENE	ug/kg	SW8270	5.7	U	11	U	5	U	4.9	U	12	U	13	U
FLUORANTHENE	ug/kg	SW8270	11		11	U	5	U	4.9	U	12	U	13	U
FLUORENE	ug/kg	SW8270	8.8		11	U	2.5	J	2.6	J	12	U	13	U
INDENO(1,2,3-CD)PYRENE	ug/kg	SW8270	2.6	J	11	U	5	U	4.9	U	12	U	13	U
PHENANTHRENE	ug/kg	SW8270	33		6.7	J	5.4		6.4		7.4	J	5.8	J
PHENOL	ug/kg	SW8270	4.9	J	11	U	4.9	J	4.9	U	12	U	13	U
PYRENE	ug/kg	SW8270	20		11	U	1.7	J	2	J	3.2	J	13	U
SULFIDE	mg/kg	SW9030	257	UJ	257	UJ	223	UJ	222	UJ	280	UJ	292	UJ
pH	S.U.	SW9045	7.4		7.4		7.6		7.8		7.7		7.4	

Table 3A
Onondaga Lake Phase II Pre-Design Investigation
Summary of Sediment Analytical Results

		Location	OL-VC-60067		OL-VC-60067		OL-VC-60067		OL-VC-60067		OL-VC-60068		OL-VC-60068	
		Sample Depth	6.6-9.9 Ft		9.9-13.2 Ft		13.2-16.5 Ft		16.5-19.9 Ft		0.0-3.3 Ft		3.3-6.6 Ft	
		Field Sample ID	OL-0199-16		OL-0199-17		OL-0199-18		OL-0199-19		OL-0200-01		OL-0200-02	
		Matrix	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
		Sample Purpose	Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample	
		Sample Date	10/4/2006		10/4/2006		10/4/2006		10/4/2006		10/4/2006		10/4/2006	
		Sample Delivery Group	6J050210 C6J050219		6J050210 C6J050219		6J050210 C6J050219		6J050210 C6J050219		6J050214 C6J050229		6J050214 C6J050229	
Parameter Name	Units	Analytical Method												
SOLIDS, PERCENT	%	ASTM D2216	46.9		53		54.1		60.1		63.7		64.5	
SOLIDS, PERCENT	%	E160.3	50.5		52		55.3		58.8		68.2		61.4	
NITROGEN, AMMONIA (AS N)	mg/kg	E350.1	148	J	175	J	201	J	175	J	126	J	190	J
TOTAL ORGANIC CARBON	mg/kg	Lloyd Kahn	25100	J	27500	J	24300	J	35200	J	41300		19800	
MERCURY	mg/kg	SW7471	0.033	U	0.032	U	0.0083	J	0.013	J	0.66		0.016	J
AROCLOR-1016	ug/kg	SW8082	33	U	32	U	30	U	28	U	24	U	27	U
AROCLOR-1221	ug/kg	SW8082	33	U	32	U	30	U	28	U	24	U	27	U
AROCLOR-1232	ug/kg	SW8082	33	U	32	U	30	U	28	U	24	U	27	U
AROCLOR-1242	ug/kg	SW8082	33	U	32	U	30	U	28	U	24	U	27	U
AROCLOR-1248	ug/kg	SW8082	33	U	32	U	30	U	28	U	24	U	27	U
AROCLOR-1254	ug/kg	SW8082	33	U	32	U	30	U	28	U	24	U	27	U
AROCLOR-1260	ug/kg	SW8082	33	U	32	U	30	U	28	U	14	J	27	U
AROCLOR-1268	ug/kg	SW8082	33	U	32	U	30	U	28	U	24	U	27	U
PCBS, N.O.S.	ug/kg	SW8082	33	U	32	U	30	U	28	U	14	J	27	U
1,2,3-TRICHLOROBENZENE	ug/kg	SW8260	9.9	U	9.6	U	9	U	8.5	U	370	U	8.1	U
1,2,4-TRICHLOROBENZENE	ug/kg	SW8260	9.9	U	9.6	U	9	U	8.5	U	370	U	8.1	U
1,2-DICHLOROBENZENE	ug/kg	SW8260	9.9	U	9.6	U	9	U	8.5	U	370	U	8.1	U
1,3,5-TRICHLOROBENZENE	ug/kg	SW8260	9.9	U	9.6	U	9	UJ	8.5	U	370	U	8.1	U
1,3-DICHLOROBENZENE	ug/kg	SW8260	9.9	U	9.6	U	9	U	8.5	U	370	U	8.1	U
1,4-DICHLOROBENZENE	ug/kg	SW8260	9.9	U	9.6	U	9	U	8.5	U	370	U	8.1	U
BENZENE	ug/kg	SW8260	9.9	U	9.6	U	9	U	8.5	U	370	U	8.1	U
CHLOROBENZENE	ug/kg	SW8260	9.9	U	9.6	U	9	U	8.5	U	370	U	8.1	U
ETHYLBENZENE	ug/kg	SW8260	9.9	U	9.6	U	9	U	8.5	U	370	U	8.1	U
NAPHTHALENE	ug/kg	SW8260	9.9	U	9.6	U	9	U	8.5	U	1200		8.1	U
TOLUENE	ug/kg	SW8260	9.9	U	9.6	U	9	U	8.5	U	370	U	8.1	U
XYLENES, TOTAL	ug/kg	SW8260	30	U	29	U	27	U	25	U	1100	U	24	U
ACENAPHTHENE	ug/kg	SW8270	13	U	13	U	12	U	11	U	24000		170	
ACENAPHTHYLENE	ug/kg	SW8270	13	U	13	U	12	U	11	U	5000		15	J
ANTHRACENE	ug/kg	SW8270	13	U	13	U	12	U	11	U	39000		280	
BENZO(A)ANTHRACENE	ug/kg	SW8270	13	U	13	U	12	U	11	U	34000		290	
BENZO(A)PYRENE	ug/kg	SW8270	13	U	13	U	12	U	11	U	22000		220	
BENZO(B)FLUORANTHENE	ug/kg	SW8270	13	U	13	U	12	U	11	U	22000		200	
BENZO(G,H,I)PERYLENE	ug/kg	SW8270	13	U	13	U	12	U	11	U	8500		120	
BENZO(K)FLUORANTHENE	ug/kg	SW8270	13	U	13	U	12	U	11	U	8900		92	
CHRYSENE	ug/kg	SW8270	13	U	13	U	12	U	11	U	28000		220	
DIBENZO(A,H)ANTHRACENE	ug/kg	SW8270	13	U	13	U	12	U	11	U	3100		32	
FLUORANTHENE	ug/kg	SW8270	13	U	13	U	12	U	11	U	51000	J	480	
FLUORENE	ug/kg	SW8270	13	U	13	U	12	U	11	U	22000		160	
INDENO(1,2,3-CD)PYRENE	ug/kg	SW8270	13	U	13	U	12	U	11	U	8600		110	
PHENANTHRENE	ug/kg	SW8270	5.7	J	5.9	J	4.6	J	4	J	99000	J	600	
PHENOL	ug/kg	SW8270	13	U	13	U	21		36		540	J	12	J
PYRENE	ug/kg	SW8270	13	U	13	U	12	U	11	U	66000	J	430	
SULFIDE	mg/kg	SW9030	297	UJ	289	UJ	271	UJ	255	UJ	220	UJ	244	UJ
pH	S.U.	SW9045	7.2		7.2		7.2		7.2		7.4		7.2	

Table 3A
Onondaga Lake Phase II Pre-Design Investigation
Summary of Sediment Analytical Results

		Location	OL-VC-60068		OL-VC-60068		OL-VC-60068		OL-VC-60068		OL-VC-60068		OL-VC-60069	
		Sample Depth	6.6-9.9 Ft		9.9-13.2 Ft		13.2-16.5 Ft		16.5-18.7 Ft		16.5-18.7 Ft		0.0-3.3 Ft	
		Field Sample ID	OL-0200-03		OL-0200-04		OL-0200-05		OL-0200-06		OL-0200-07		OL-0200-08	
		Matrix	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
		Sample Purpose	Regular Sample		Regular Sample		Regular Sample		Regular Sample		Field Duplicate		Regular Sample	
		Sample Date	10/4/2006		10/4/2006		10/4/2006		10/4/2006		10/4/2006		10/4/2006	
		Sample Delivery Group	6J050214 C6J050229		6J050214 C6J050229		6J050214 C6J050229		6J050214 C6J050229		6J050214 C6J050229		6J050214 C6J050229	
Parameter Name	Units	Analytical Method												
SOLIDS, PERCENT	%	ASTM D2216	62.4		60.8		60.4		58.5		58.1		78	
SOLIDS, PERCENT	%	E160.3	62.3		61.2		60		57.8		59.6		72.6	
NITROGEN, AMMONIA (AS N)	mg/kg	E350.1	200	J	254	J	431	J	425	J	417	J	79	J
TOTAL ORGANIC CARBON	mg/kg	Lloyd Kahn	27000		28600		29300		33000		35100		9200	
MERCURY	mg/kg	SW7471	0.027		0.025	J	0.026	J	0.028	J	0.021	J	0.28	
AROCLOR-1016	ug/kg	SW8082	26	U	27	U	28	U	29	U	28	U	23	U
AROCLOR-1221	ug/kg	SW8082	26	U	27	U	28	U	29	U	28	U	23	U
AROCLOR-1232	ug/kg	SW8082	26	U	27	U	28	U	29	U	28	U	23	U
AROCLOR-1242	ug/kg	SW8082	26	U	27	U	28	U	29	U	28	U	23	U
AROCLOR-1248	ug/kg	SW8082	26	U	27	U	28	U	29	U	28	U	23	U
AROCLOR-1254	ug/kg	SW8082	26	U	27	U	28	U	29	U	28	U	23	U
AROCLOR-1260	ug/kg	SW8082	26	U	27	U	28	U	29	U	28	U	23	U
AROCLOR-1268	ug/kg	SW8082	26	U	27	U	28	U	29	U	28	U	23	U
PCBS, N.O.S.	ug/kg	SW8082	26	U	27	U	28	U	29	U	28	U	23	U
1,2,3-TRICHLOROBENZENE	ug/kg	SW8260	8	U	8.2	U	8.3	U	8.7	U	8.4	U	34	U
1,2,4-TRICHLOROBENZENE	ug/kg	SW8260	8	U	8.2	U	8.3	U	8.7	U	8.4	U	34	U
1,2-DICHLOROBENZENE	ug/kg	SW8260	8	U	8.2	U	8.3	U	8.7	U	8.4	U	34	U
1,3,5-TRICHLOROBENZENE	ug/kg	SW8260	8	U	8.2	U	8.3	U	8.7	U	8.4	U	34	U
1,3-DICHLOROBENZENE	ug/kg	SW8260	8	U	8.2	U	8.3	U	8.7	U	8.4	U	34	U
1,4-DICHLOROBENZENE	ug/kg	SW8260	8	U	8.2	U	8.3	U	8.7	U	8.4	U	34	U
BENZENE	ug/kg	SW8260	8	U	8.2	U	8.3	U	8.7	U	8.4	U	11	J
CHLOROBENZENE	ug/kg	SW8260	8	U	8.2	U	8.3	U	8.7	U	8.4	U	34	U
ETHYLBENZENE	ug/kg	SW8260	8	U	8.2	U	8.3	U	8.7	U	8.4	U	29	J
NAPHTHALENE	ug/kg	SW8260	8	U	8.2	U	8.3	U	8.7	U	8.4	U	810	
TOLUENE	ug/kg	SW8260	8	U	8.2	U	8.3	U	8.7	U	8.4	U	34	U
XYLENES, TOTAL	ug/kg	SW8260	24	U	25	U	25	U	26	U	25	U	45	J
ACENAPHTHENE	ug/kg	SW8270	4.6	J	4	J	5.6	U	5.8	U	11	U	6500	
ACENAPHTHYLENE	ug/kg	SW8270	5.4	U	5.5	U	5.6	U	5.8	U	11	U	1100	
ANTHRACENE	ug/kg	SW8270	7.7		11		4.5	J	5.8	U	11	U	5200	
BENZO(A)ANTHRACENE	ug/kg	SW8270	6.6		35		9.4		2.8	J	11	U	3500	
BENZO(A)PYRENE	ug/kg	SW8270	9.4		30		5	J	5.8	U	11	U	2400	
BENZO(B)FLUORANTHENE	ug/kg	SW8270	8		39		9.2		2.1	J	11	U	2000	
BENZO(G,H,I)PERYLENE	ug/kg	SW8270	3.2	J	19		3.2	J	1.3	J	11	U	1200	
BENZO(K)FLUORANTHENE	ug/kg	SW8270	4.3	J	19		5.5	J	5.8	U	11	U	1000	
CHRYSENE	ug/kg	SW8270	5.6		32		7.9		1.6	J	11	U	3100	
DIBENZO(A,H)ANTHRACENE	ug/kg	SW8270	5.4	U	6		5.6	U	5.8	U	11	U	370	
FLUORANTHENE	ug/kg	SW8270	12		55		16		2.3	J	11	U	4900	
FLUORENE	ug/kg	SW8270	6		6.8		2.5	J	3.8	J	11	U	4300	
INDENO(1,2,3-CD)PYRENE	ug/kg	SW8270	2.9	J	18		3	J	5.8	U	11	U	1000	
PHENANTHRENE	ug/kg	SW8270	22		50		11		9.9		4	J	14000	
PHENOL	ug/kg	SW8270	5.4	U	5.5	U	7.3		5.8	U	11	U	230	U
PYRENE	ug/kg	SW8270	12		51		17		2.3	J	11	U	7700	
SULFIDE	mg/kg	SW9030	241	UJ	245	UJ	250	UJ	260	UJ	252	UJ	206	UJ
pH	S.U.	SW9045	7.1		7		6.9		6.9		7		7.6	

Table 3A
Onondaga Lake Phase II Pre-Design Investigation
Summary of Sediment Analytical Results

		Location	OL-VC-60069		OL-VC-60069		OL-VC-60069		OL-VC-60069		OL-VC-60069		OL-VC-60070	
		Sample Depth	3.3-6.6 Ft		6.6-9.9 Ft		9.9-13.2 Ft		13.2-16.5 Ft		16.5-19.6 Ft		0.0-3.3 Ft	
		Field Sample ID	OL-0200-09		OL-0200-10		OL-0200-11		OL-0200-12		OL-0200-13		OL-0200-14	
		Matrix	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
		Sample Purpose	Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample	
		Sample Date	10/4/2006		10/4/2006		10/4/2006		10/4/2006		10/4/2006		10/4/2006	
		Sample Delivery Group	6J050214 C6J050229		6J050214 C6J050229		6J050214 C6J050229		6J050214 C6J050229		6J050214 C6J050229		6J050214 C6J050229	
Parameter Name	Units	Analytical Method												
SOLIDS, PERCENT	%	ASTM D2216	67		56.9		61		60.6		58.7		59.1	
SOLIDS, PERCENT	%	E160.3	65.7		60.1		60.6		60.7		59.8		58.2	
NITROGEN, AMMONIA (AS N)	mg/kg	E350.1	132	J	187	J	283	J	296	J	459	J	102	J
TOTAL ORGANIC CARBON	mg/kg	Lloyd Kahn	17300		22700		28300		28500		37800		33900	
MERCURY	mg/kg	SW7471	0.011	J	0.014	J	0.014	J	0.02	J	0.016	J	0.072	
AROCLOR-1016	ug/kg	SW8082	25	U	27	U	27	U	27	U	28	U	28	U
AROCLOR-1221	ug/kg	SW8082	25	U	27	U	27	U	27	U	28	U	28	U
AROCLOR-1232	ug/kg	SW8082	25	U	27	U	27	U	27	U	28	U	28	U
AROCLOR-1242	ug/kg	SW8082	25	U	27	U	27	U	27	U	28	U	28	U
AROCLOR-1248	ug/kg	SW8082	25	U	27	U	27	U	27	U	28	U	28	U
AROCLOR-1254	ug/kg	SW8082	25	U	27	U	27	U	27	U	28	U	28	U
AROCLOR-1260	ug/kg	SW8082	25	U	27	U	27	U	27	U	28	U	28	U
AROCLOR-1268	ug/kg	SW8082	25	U	27	U	27	U	27	U	28	U	28	U
PCBS, N.O.S.	ug/kg	SW8082	25	U	27	U	27	U	27	U	28	U	28	U
1,2,3-TRICHLOROBENZENE	ug/kg	SW8260	7.6	U	8.3	U	8.2	U	8.2	U	8.4	U	8.6	U
1,2,4-TRICHLOROBENZENE	ug/kg	SW8260	7.6	U	8.3	U	8.2	U	8.2	U	8.4	U	8.6	U
1,2-DICHLOROBENZENE	ug/kg	SW8260	7.6	U	8.3	U	8.2	U	8.2	U	8.4	U	8.6	U
1,3,5-TRICHLOROBENZENE	ug/kg	SW8260	7.6	U	8.3	U	8.2	U	8.2	U	8.4	U	8.6	U
1,3-DICHLOROBENZENE	ug/kg	SW8260	7.6	U	8.3	U	8.2	U	8.2	U	8.4	U	8.6	U
1,4-DICHLOROBENZENE	ug/kg	SW8260	7.6	U	8.3	U	8.2	U	8.2	U	8.4	U	8.6	U
BENZENE	ug/kg	SW8260	7.6	U	8.3	U	8.2	U	8.2	U	8.4	U	1.3	J
CHLOROBENZENE	ug/kg	SW8260	7.6	U	8.3	U	8.2	U	8.2	U	8.4	U	8.6	U
ETHYLBENZENE	ug/kg	SW8260	7.6	U	8.3	U	8.2	U	8.2	U	8.4	U	2.7	J
NAPHTHALENE	ug/kg	SW8260	7.6	U	8.3	U	8.2	U	8.2	U	8.4	U	55	
TOLUENE	ug/kg	SW8260	7.6	U	8.3	U	8.2	U	8.2	U	8.4	U	8.6	U
XYLENES, TOTAL	ug/kg	SW8260	23	U	25	U	25	U	25	U	25	U	6	J
ACENAPHTHENE	ug/kg	SW8270	2.1	J	5.6	U	5.5	U	11	U	5.6	U	2300	
ACENAPHTHYLENE	ug/kg	SW8270	5.1	U	5.6	U	5.5	U	11	U	5.6	U	330	
ANTHRACENE	ug/kg	SW8270	5.1	U	5.6	U	5.5	U	11	U	5.6	U	3300	
BENZO(A)ANTHRACENE	ug/kg	SW8270	5.1	U	5.6	U	1.5	J	11	U	5.6	U	4600	
BENZO(A)PYRENE	ug/kg	SW8270	5.1	U	5.6	U	5.5	U	11	U	5.6	U	3300	
BENZO(B)FLUORANTHENE	ug/kg	SW8270	5.1	U	5.6	U	1.3	J	11	U	5.6	U	3800	
BENZO(G,H,I)PERYLENE	ug/kg	SW8270	5.1	U	5.6	U	5.5	U	11	U	5.6	U	1500	
BENZO(K)FLUORANTHENE	ug/kg	SW8270	5.1	U	5.6	U	5.5	U	11	U	5.6	U	1800	
CHRYSENE	ug/kg	SW8270	5.1	U	5.6	U	1.5	J	11	U	5.6	U	3600	
DIBENZO(A,H)ANTHRACENE	ug/kg	SW8270	5.1	U	5.6	U	5.5	U	11	U	5.6	U	500	
FLUORANTHENE	ug/kg	SW8270	5.1	U	5.6	U	5.5	U	11	U	5.6	U	5700	
FLUORENE	ug/kg	SW8270	1.8	J	5.6	U	2.2	J	11	U	1.9	J	1900	
INDENO(1,2,3-CD)PYRENE	ug/kg	SW8270	5.1	U	5.6	U	5.5	U	11	U	5.6	U	1500	
PHENANTHRENE	ug/kg	SW8270	6.4		4.7	J	6.1		5.5	J	5.7		7300	
PHENOL	ug/kg	SW8270	6.7		8.9		5.5	U	11	U	5.6	U	91	J
PYRENE	ug/kg	SW8270	1.9	J	5.6	U	5.5	U	11	U	5.6	U	6800	
SULFIDE	mg/kg	SW9030	228	UJ	250	UJ	247	UJ	247	UJ	251	UJ	258	UJ
pH	S.U.	SW9045	7.4		7.2		7.3		7.3		7.4		7.5	

Table 3A
Onondaga Lake Phase II Pre-Design Investigation
Summary of Sediment Analytical Results

		Location	OL-VC-60070		OL-VC-60070		OL-VC-60070		OL-VC-60070		OL-VC-60070	
		Sample Depth	3.3-6.6 Ft		6.6-9.9 Ft		9.9-13.2 Ft		13.2-16.5 Ft		16.5-20.0 Ft	
		Field Sample ID	OL-0200-15		OL-0200-16		OL-0200-17		OL-0200-18		OL-0200-19	
		Matrix	SOIL		SOIL		SOIL		SOIL		SOIL	
		Sample Purpose	Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample	
		Sample Date	10/4/2006		10/4/2006		10/4/2006		10/4/2006		10/4/2006	
		Sample Delivery Group	6J050214 C6J050229		6J050214 C6J050229		6J050214 C6J050229		6J050214 C6J050229		6J050214 C6J050229	
Parameter Name	Units	Analytical Method										
SOLIDS, PERCENT	%	ASTM D2216	49.3		48.9		50.1		45.1		56.8	
SOLIDS, PERCENT	%	E160.3	58.1		58		53.5		53.1		55.1	
NITROGEN, AMMONIA (AS N)	mg/kg	E350.1	146	J	191	J	246	J	272	J	206	J
TOTAL ORGANIC CARBON	mg/kg	Lloyd Kahn	41600	J	27300	J	27500		40400	J	26400	
MERCURY	mg/kg	SW7471	0.029	U	0.0085	J	0.031	U	0.014	J	0.011	J
AROCLOR-1016	ug/kg	SW8082	28	U	28	U	31	U	31	U	30	U
AROCLOR-1221	ug/kg	SW8082	28	U	28	U	31	U	31	U	30	U
AROCLOR-1232	ug/kg	SW8082	28	U	28	U	31	U	31	U	30	U
AROCLOR-1242	ug/kg	SW8082	28	U	28	U	31	U	31	U	30	U
AROCLOR-1248	ug/kg	SW8082	28	U	28	U	31	U	31	U	30	U
AROCLOR-1254	ug/kg	SW8082	28	U	28	U	31	U	31	U	30	U
AROCLOR-1260	ug/kg	SW8082	28	U	28	U	31	U	31	U	30	U
AROCLOR-1268	ug/kg	SW8082	28	U	28	U	31	U	31	U	30	U
PCBS, N.O.S.	ug/kg	SW8082	28	U	28	U	31	U	31	U	30	U
1,2,3-TRICHLOROBENZENE	ug/kg	SW8260	8.6	U	8.6	U	9.4	U	9.4	U	9.1	U
1,2,4-TRICHLOROBENZENE	ug/kg	SW8260	8.6	U	8.6	U	9.4	U	9.4	U	9.1	U
1,2-DICHLOROBENZENE	ug/kg	SW8260	8.6	U	8.6	U	9.4	U	9.4	U	9.1	U
1,3,5-TRICHLOROBENZENE	ug/kg	SW8260	8.6	U	8.6	U	9.4	U	9.4	U	9.1	U
1,3-DICHLOROBENZENE	ug/kg	SW8260	8.6	U	8.6	U	9.4	U	9.4	U	9.1	U
1,4-DICHLOROBENZENE	ug/kg	SW8260	8.6	U	8.6	U	9.4	U	9.4	U	9.1	U
BENZENE	ug/kg	SW8260	8.6	U	8.6	U	9.4	U	9.4	U	9.1	U
CHLOROBENZENE	ug/kg	SW8260	8.6	U	8.6	U	9.4	U	9.4	U	9.1	U
ETHYLBENZENE	ug/kg	SW8260	8.6	U	8.6	U	9.4	U	9.4	U	9.1	U
NAPHTHALENE	ug/kg	SW8260	8.6	U	8.6	U	9.4	U	9.4	U	9.1	U
TOLUENE	ug/kg	SW8260	8.6	U	8.6	U	9.4	U	9.4	U	9.1	U
XYLENES, TOTAL	ug/kg	SW8260	26	U	26	U	28	U	28	U	27	U
ACENAPHTHENE	ug/kg	SW8270	4	J	1.8	J	12	U	6.3	U	12	U
ACENAPHTHYLENE	ug/kg	SW8270	5.7	U	5.8	U	12	U	6.3	U	12	U
ANTHRACENE	ug/kg	SW8270	2.3	J	5.8	U	12	U	6.3	U	12	U
BENZO(A)ANTHRACENE	ug/kg	SW8270	1.7	J	5.8	U	12	U	6.3	U	12	U
BENZO(A)PYRENE	ug/kg	SW8270	5.7	U	5.8	U	12	U	6.3	U	12	U
BENZO(B)FLUORANTHENE	ug/kg	SW8270	1.1	J	5.8	U	12	U	1.2	J	12	U
BENZO(G,H,I)PERYLENE	ug/kg	SW8270	5.7	U	5.8	U	12	U	6.3	U	12	U
BENZO(K)FLUORANTHENE	ug/kg	SW8270	5.7	U	5.8	U	12	U	6.3	U	12	U
CHRYSENE	ug/kg	SW8270	5.7	U	5.8	U	12	U	6.3	U	12	U
DIBENZO(A,H)ANTHRACENE	ug/kg	SW8270	5.7	U	5.8	U	12	U	6.3	U	12	U
FLUORANTHENE	ug/kg	SW8270	2.7	J	5.8	U	12	U	6.3	U	12	U
FLUORENE	ug/kg	SW8270	3.5	J	2.3	J	12	U	2.6	J	12	U
INDENO(1,2,3-CD)PYRENE	ug/kg	SW8270	5.7	U	5.8	U	12	U	6.3	U	12	U
PHENANTHRENE	ug/kg	SW8270	10		9.8		4.4	J	8.6		10	J
PHENOL	ug/kg	SW8270	5.7	U	5.8	U	12	U	5.6	J	31	
PYRENE	ug/kg	SW8270	3.6	J	1.3	J	12	U	6.3	U	12	U
SULFIDE	mg/kg	SW9030	258	UJ	259	UJ	281	UJ	283	UJ	272	UJ
pH	S.U.	SW9045	7.5		7.4		7.3		7.3		7.1	

Table 3A
Onondaga Lake Phase II Pre-Design Investigation
Summary of Sediment Analytical Results

		Location	OL-VC-70016		OL-VC-70016		OL-VC-70016		OL-VC-70016		OL-VC-70016		OL-VC-70016	
		Sample Depth	0.0-3.3 Ft		3.3-6.6 Ft		6.6-9.9 Ft		9.9-13.2 Ft		13.2-16.5 Ft		16.5-19.2 Ft	
		Field Sample ID	OL-0158-20		OL-0159-14		OL-0159-15		OL-0159-16		OL-0159-17		OL-0159-18	
		Matrix	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
		Sample Purpose	Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample	
		Sample Date	8/21/2006		8/21/2006		8/21/2006		8/21/2006		8/21/2006		8/21/2006	
		Sample Delivery Group	213523/6H220146 C6H220140		213522/6H220166 C6H220162		213522/6H220166 C6H220162		213522/6H220166 C6H220162		213522/6H220166 C6H220162		213522/6H220166 C6H220162	
Parameter Name	Units	Analytical Method												
SOLIDS, PERCENT	%	ASTM D2216	34.1		35.1		44.3		37.3		48.9		47.5	
SOLIDS, PERCENT	%	E160.3	33.8		33.6		41.9		40.7		45.1		49.9	
NITROGEN, AMMONIA (AS N)	mg/kg	E350.1	1200	J	2100	J	1700	J	1000	J	5100	J	800	
TOTAL ORGANIC CARBON	mg/kg	Lloyd Kahn	60900	J	116000	J	81700	J	75400	J	83900	J	68300	J
MERCURY	mg/kg	SW7471	4.7	J	22.1	J	24.5	J	4.5	J	4.1	J	4	J
AROCLOR-1016	ug/kg	SW8082	240	UJ	490	UJ	390	UJ	410	UJ	370	UJ	330	UJ
AROCLOR-1221	ug/kg	SW8082	240	UJ	490	UJ	390	UJ	410	UJ	370	UJ	330	UJ
AROCLOR-1232	ug/kg	SW8082	240	UJ	490	UJ	390	UJ	410	UJ	370	UJ	330	UJ
AROCLOR-1242	ug/kg	SW8082	240	UJ	490	UJ	390	UJ	410	UJ	370	UJ	330	UJ
AROCLOR-1248	ug/kg	SW8082	1100	J	11000	J	390	UJ	770	J	370	UJ	330	UJ
AROCLOR-1254	ug/kg	SW8082	240	UJ	490	UJ	2300	J	540	J	370	UJ	330	UJ
AROCLOR-1260	ug/kg	SW8082	360	J	490	UJ	390	UJ	410	UJ	270	J	330	UJ
AROCLOR-1268	ug/kg	SW8082	240	UJ	490	UJ	390	UJ	410	UJ	370	UJ	330	UJ
PCBS, N.O.S.	ug/kg	SW8082	1460	J	11000	J	2300	J	1310	J	270	J	330	UJ
1,2,3-TRICHLOROBENZENE	ug/kg	SW8260	30	UJ	15	UJ	600	UJ	1200	UJ	2800	UJ	500	UJ
1,2,4-TRICHLOROBENZENE	ug/kg	SW8260	30	UJ	8.3	J	600	UJ	470	J	2800	UJ	500	UJ
1,2-DICHLOROBENZENE	ug/kg	SW8260	120	J	26	J	600	UJ	3400	J	2800	J	76	J
1,3,5-TRICHLOROBENZENE	ug/kg	SW8260	57	J	15	UJ	600	UJ	1200	UJ	2800	UJ	500	UJ
1,3-DICHLOROBENZENE	ug/kg	SW8260	230	J	8.9	J	600	UJ	430	J	2800	UJ	500	UJ
1,4-DICHLOROBENZENE	ug/kg	SW8260	610	J	42	J	80	J	6000	J	4600	J	150	J
BENZENE	ug/kg	SW8260	36	J	38	J	77	J	1200	J	2800	UJ	170	J
CHLOROBENZENE	ug/kg	SW8260	870	J	33	J	600	UJ	5200	J	2900	J	67	J
ETHYLBENZENE	ug/kg	SW8260	6.5	J	5.9	J	150	J	2200	J	1800	J	240	J
NAPHTHALENE	ug/kg	SW8260	30	UJ	170	J	4800	J	44000	J	33000	J	5000	J
TOLUENE	ug/kg	SW8260	21	J	10	J	260	J	1500	J	830	J	560	J
XYLENES, TOTAL	ug/kg	SW8260	120	J	54	J	620	J	16000	J	16000	J	880	J
ACENAPHTHENE	ug/kg	SW8270	210	J	1000	J	1800	J	300	J	1500	J	6000	J
ACENAPHTHYLENE	ug/kg	SW8270	530	J	1800	J	2600	J	1800	J	1100	J	3400	J
ANTHRACENE	ug/kg	SW8270	840	J	5300	J	4300	J	2000	J	2300	J	10000	J
BENZO(A)ANTHRACENE	ug/kg	SW8270	1500	J	5100	J	5700	J	780	J	2900	J	10000	J
BENZO(A)PYRENE	ug/kg	SW8270	1500	J	3600	J	5000	J	470	J	2300	J	7700	J
BENZO(B)FLUORANTHENE	ug/kg	SW8270	1900	J	4600	J	5900	J	550	J	2600	J	8700	J
BENZO(G,H,I)PERYLENE	ug/kg	SW8270	1300	J	2900	J	3600	J	340	J	1600	J	4500	J
BENZO(K)FLUORANTHENE	ug/kg	SW8270	840	J	1700	J	2300	J	230	J	1100	J	3400	J
CHRYSENE	ug/kg	SW8270	2000	J	5900	J	6900	J	930	J	3200	J	10000	J
DIBENZO(A,H)ANTHRACENE	ug/kg	SW8270	350	J	730	J	1000	J	90	J	450	J	1400	J
FLUORANTHENE	ug/kg	SW8270	2400	J	12000	J	14000	J	2500	J	6600	J	21000	J
FLUORENE	ug/kg	SW8270	300	J	500	UJ	2900	J	160	UJ	370	UJ	7000	J
INDENO(1,2,3-CD)PYRENE	ug/kg	SW8270	1100	J	2400	J	3200	J	290	J	1500	J	4100	J
PHENANTHRENE	ug/kg	SW8270	1700	J	11000	J	12000	J	4200	J	6000	J	27000	J
PHENOL	ug/kg	SW8270	150	J	500	UJ	180	J	68	J	370	UJ	670	UJ
PYRENE	ug/kg	SW8270	2800	J	10000	J	12000	J	1800	J	5500	J	20000	J
SULFIDE	mg/kg	SW9030	2720	J	3330	J	860	J	590	J	1240	J	3690	J
pH	S.U.	SW9045	8.2		8.2		8.3		8.6		8.1		7.8	

Table 3A
Onondaga Lake Phase II Pre-Design Investigation
Summary of Sediment Analytical Results

		Location	OL-VC-70017		OL-VC-70017		OL-VC-70017		OL-VC-70017		OL-VC-70017		OL-VC-70017	
		Sample Depth	0.0-3.3 Ft		3.3-6.6 Ft		6.6-9.9 Ft		9.9-13.2 Ft		13.2-16.5 Ft		16.5-19.8 Ft	
		Field Sample ID	OL-0157-01		OL-0157-02		OL-0157-03		OL-0157-04		OL-0157-05		OL-0157-06	
		Matrix	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
		Sample Purpose	Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample	
		Sample Date	8/19/2006		8/19/2006		8/19/2006		8/19/2006		8/19/2006		8/19/2006	
		Sample Delivery Group	6H220284 C6H220298		6H220284 C6H220298		6H220284 C6H220298		6H220284 C6H220298		6H220284 C6H220298		6H220284 C6H220298	
Parameter Name	Units	Analytical Method												
SOLIDS, PERCENT	%	ASTM D2216	33.6		28.6		32.9		31.1		40.7		36.1	
SOLIDS, PERCENT	%	E160.3	32.3		32.6		38.2		31.4		38.5		40.1	
NITROGEN, AMMONIA (AS N)	mg/kg	E350.1	2310	J	975	J	802	J	1030	J	794	J	1110	J
TOTAL ORGANIC CARBON	mg/kg	Lloyd Kahn	150000	J	55400	J	97600	J	79500	J	60700	J	53300	J
MERCURY	mg/kg	SW7471	19.2	J	19.2	J	25.2	J	26.3	J	12.8	J	6.9	J
AROCLOR-1016	ug/kg	SW8082	510	UJ	510	UJ	430	UJ	530	UJ	430	UJ	410	UJ
AROCLOR-1221	ug/kg	SW8082	510	UJ	510	UJ	430	UJ	530	UJ	430	UJ	410	UJ
AROCLOR-1232	ug/kg	SW8082	510	UJ	510	UJ	430	UJ	530	UJ	430	UJ	410	UJ
AROCLOR-1242	ug/kg	SW8082	510	UJ	510	UJ	430	UJ	530	UJ	430	UJ	410	UJ
AROCLOR-1248	ug/kg	SW8082	7400	J	510	UJ	430	UJ	530	UJ	250	J	350	J
AROCLOR-1254	ug/kg	SW8082	6800	J	510	UJ	430	UJ	290	J	240	J	490	J
AROCLOR-1260	ug/kg	SW8082	510	UJ	510	UJ	430	UJ	530	UJ	430	UJ	410	UJ
AROCLOR-1268	ug/kg	SW8082	510	UJ	510	UJ	430	UJ	530	UJ	430	UJ	410	UJ
PCBS, N.O.S.	ug/kg	SW8082	14200	J	510	UJ	430	UJ	290	J	490	J	840	J
1,2,3-TRICHLOROBENZENE	ug/kg	SW8260	3900	UJ	7700	UJ	16000	UJ	16000	UJ	16000	UJ	3100	UJ
1,2,4-TRICHLOROBENZENE	ug/kg	SW8260	3900	UJ	12000	J	16000	UJ	16000	UJ	16000	UJ	3100	UJ
1,2-DICHLOROBENZENE	ug/kg	SW8260	38000	J	110000	J	9800	J	16000	J	22000	J	930	J
1,3,5-TRICHLOROBENZENE	ug/kg	SW8260	3900	UJ	7700	UJ	16000	UJ	16000	UJ	16000	UJ	3100	UJ
1,3-DICHLOROBENZENE	ug/kg	SW8260	800	J	7700	UJ	16000	UJ	16000	UJ	16000	UJ	3100	UJ
1,4-DICHLOROBENZENE	ug/kg	SW8260	31000	J	72000	J	12000	J	14000	J	22000	J	1600	J
BENZENE	ug/kg	SW8260	5200	J	2100	J	2300	J	16000	UJ	16000	UJ	670	J
CHLOROBENZENE	ug/kg	SW8260	57000	J	27000	J	14000	J	7000	J	8700	J	1400	J
ETHYLBENZENE	ug/kg	SW8260	3600	J	2900	J	4400	J	1900	J	2400	J	3400	J
NAPHTHALENE	ug/kg	SW8260	150000	J	190000	J	230000	J	170000	J	210000	J	66000	J
TOLUENE	ug/kg	SW8260	5500	J	5800	J	3700	J	16000	UJ	2100	J	1500	J
XYLENES, TOTAL	ug/kg	SW8260	42000	J	46000	J	47000	J	22000	J	30000	J	21000	J
ACENAPHTHENE	ug/kg	SW8270	1700	J	190	J	240	J	110	J	240	J	340	J
ACENAPHTHYLENE	ug/kg	SW8270	1500	J	1700	J	960	J	1100	J	2500	J	1300	J
ANTHRACENE	ug/kg	SW8270	4600	J	1500	J	2300	J	650	J	2000	J	2100	J
BENZO(A)ANTHRACENE	ug/kg	SW8270	6300	J	710	J	950	J	220	J	740	J	1400	J
BENZO(A)PYRENE	ug/kg	SW8270	4900	J	490	J	580	J	120	J	400	J	1000	J
BENZO(B)FLUORANTHENE	ug/kg	SW8270	5700	J	580	J	790	J	170	J	600	J	1300	J
BENZO(G,H,I)PERYLENE	ug/kg	SW8270	3300	J	310	J	380	J	81	J	280	J	720	J
BENZO(K)FLUORANTHENE	ug/kg	SW8270	2300	J	260	J	330	J	69	J	250	J	450	J
CHRYSENE	ug/kg	SW8270	6700	J	980	J	1400	J	330	J	1000	J	1800	J
DIBENZO(A,H)ANTHRACENE	ug/kg	SW8270	820	J	90	J	140	J	29	J	86	J	220	J
FLUORANTHENE	ug/kg	SW8270	16000	J	2000	J	2400	J	750	J	2400	J	3500	J
FLUORENE	ug/kg	SW8270	3000	J	100	UJ	170	UJ	110	UJ	170	UJ	83	UJ
INDENO(1,2,3-CD)PYRENE	ug/kg	SW8270	2800	J	270	J	360	J	71	J	250	J	620	J
PHENANTHRENE	ug/kg	SW8270	15000	J	3600	J	4700	J	1600	J	4900	J	4800	J
PHENOL	ug/kg	SW8270	1000	UJ	8000	J	3300	J	2000	J	990	J	140	J
PYRENE	ug/kg	SW8270	13000	J	1500	J	1900	J	530	J	1500	J	3000	J
SULFIDE	mg/kg	SW9030	465	UJ	460	UJ	392	UJ	478	UJ	390	UJ	699	J
pH	S.U.	SW9045	8.2		11.7		11.8		11.9		11.5		9	

Table 3A
Onondaga Lake Phase II Pre-Design Investigation
Summary of Sediment Analytical Results

		Location	OL-VC-70018		OL-VC-70018		OL-VC-70018		OL-VC-70018		OL-VC-70018		OL-VC-70018	
		Sample Depth	0.0-3.3 Ft		3.3-6.6 Ft		6.6-9.9 Ft		9.9-13.2 Ft		13.2-16.5 Ft		16.5-19.6 Ft	
		Field Sample ID	OL-0155-14		OL-0155-15		OL-0155-16		OL-0155-17		OL-0155-18		OL-0155-19	
		Matrix	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
		Sample Purpose	Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample	
		Sample Date	8/19/2006		8/19/2006		8/19/2006		8/19/2006		8/19/2006		8/19/2006	
		Sample Delivery Group	6H220283 C6H220290		6H220283 C6H220290		6H220283 C6H220290		6H220283 C6H220290		6H220283 C6H220290		6H220283 C6H220290	
Parameter Name	Units	Analytical Method												
SOLIDS, PERCENT	%	ASTM D2216	34.6		46.5		34.1		36.2		48.9		46.9	
SOLIDS, PERCENT	%	E160.3	30.5		48.1		36.2		38.4		48.3		49	
NITROGEN, AMMONIA (AS N)	mg/kg	E350.1	1520	J	1240	J	1040	J	1220	J	1150	J	1000	J
TOTAL ORGANIC CARBON	mg/kg	Lloyd Kahn	95600	J	89700	J	38000	J	48900	J	69800	J	57200	J
MERCURY	mg/kg	SW7471	12.4	J	60.7	J	19.5	J	26.6	J	2.5	J	3.4	J
AROCLOR-1016	ug/kg	SW8082	270	UJ	170	UJ	230	UJ	210	UJ	170	UJ	170	UJ
AROCLOR-1221	ug/kg	SW8082	270	UJ	170	UJ	230	UJ	210	UJ	170	UJ	170	UJ
AROCLOR-1232	ug/kg	SW8082	270	UJ	170	UJ	230	UJ	210	UJ	170	UJ	170	UJ
AROCLOR-1242	ug/kg	SW8082	270	UJ	170	UJ	230	UJ	210	UJ	170	UJ	170	UJ
AROCLOR-1248	ug/kg	SW8082	6300	J	170	UJ	230	UJ	210	UJ	170	UJ	170	UJ
AROCLOR-1254	ug/kg	SW8082	270	UJ	170	UJ	230	UJ	210	UJ	170	UJ	170	UJ
AROCLOR-1260	ug/kg	SW8082	270	UJ	170	UJ	230	UJ	210	UJ	570	J	170	UJ
AROCLOR-1268	ug/kg	SW8082	270	UJ	170	UJ	230	UJ	210	UJ	170	UJ	170	UJ
PCBS, N.O.S.	ug/kg	SW8082	6300	J	170	UJ	230	UJ	210	UJ	570	J	170	UJ
1,2,3-TRICHLOROBENZENE	ug/kg	SW8260	820	UJ	10000	UJ	3500	UJ	6500	UJ	10	UJ	1000	UJ
1,2,4-TRICHLOROBENZENE	ug/kg	SW8260	980	J	14000	J	720	J	6500	UJ	10	UJ	1000	UJ
1,2-DICHLOROBENZENE	ug/kg	SW8260	4100	J	60000	J	11000	J	3900	J	10	UJ	1000	UJ
1,3,5-TRICHLOROBENZENE	ug/kg	SW8260	820	UJ	10000	UJ	3500	UJ	6500	UJ	10	UJ	1000	UJ
1,3-DICHLOROBENZENE	ug/kg	SW8260	900	J	3200	J	3500	UJ	6500	UJ	10	UJ	1000	UJ
1,4-DICHLOROBENZENE	ug/kg	SW8260	6600	J	82000	J	17000	J	7100	J	1.8	J	1000	UJ
BENZENE	ug/kg	SW8260	2200	J	3800	J	810	J	6500	UJ	7.8	J	1000	UJ
CHLOROBENZENE	ug/kg	SW8260	12000	J	55000	J	12000	J	4700	J	3.7	J	1000	UJ
ETHYLBENZENE	ug/kg	SW8260	650	J	4300	J	1500	J	1400	J	2.2	J	1000	UJ
NAPHTHALENE	ug/kg	SW8260	15000	J	240000	J	55000	J	140000	J	52	J	21000	J
TOLUENE	ug/kg	SW8260	1300	J	9300	J	2500	J	6500	UJ	1.7	J	150	J
XYLENES, TOTAL	ug/kg	SW8260	15000	J	57000	J	24000	J	13000	J	17	J	1000	J
ACENAPHTHENE	ug/kg	SW8270	980	J	1600	J	500	J	310	J	1100	J	5000	J
ACENAPHTHYLENE	ug/kg	SW8270	1300	J	3100	J	1100	J	1600	J	1100	J	2500	J
ANTHRACENE	ug/kg	SW8270	3800	J	6000	J	1800	J	1200	J	2000	J	8100	J
BENZO(A)ANTHRACENE	ug/kg	SW8270	3700	J	3400	J	1300	J	760	J	2900	J	8300	J
BENZO(A)PYRENE	ug/kg	SW8270	3100	J	2200	J	680	J	430	J	2500	J	5900	J
BENZO(B)FLUORANTHENE	ug/kg	SW8270	3800	J	2500	J	910	J	590	J	3000	J	6600	J
BENZO(G,H,I)PERYLENE	ug/kg	SW8270	2500	J	1600	J	500	J	320	J	1800	J	3700	J
BENZO(K)FLUORANTHENE	ug/kg	SW8270	1500	J	1200	J	280	J	210	J	970	J	2100	J
CHRYSENE	ug/kg	SW8270	4400	J	3700	J	1300	J	830	J	3300	J	8500	J
DIBENZO(A,H)ANTHRACENE	ug/kg	SW8270	660	J	450	J	150	J	97	J	500	J	1200	J
FLUORANTHENE	ug/kg	SW8270	10000	J	8900	J	3000	J	2100	J	6500	J	18000	J
FLUORENE	ug/kg	SW8270	440	UJ	280	UJ	1100	J	1300	J	1400	J	6300	J
INDENO(1,2,3-CD)PYRENE	ug/kg	SW8270	2100	J	1400	J	450	J	290	J	1600	J	3400	J
PHENANTHRENE	ug/kg	SW8270	8300	J	11000	J	3800	J	3000	J	5600	J	21000	J
PHENOL	ug/kg	SW8270	440	UJ	530	J	4300	J	990	J	280	UJ	340	UJ
PYRENE	ug/kg	SW8270	8100	J	6300	J	2100	J	1400	J	5900	J	15000	J
SULFIDE	mg/kg	SW9030	4330	J	1410	J	774	J	521	J	663	J	2610	J
pH	S.U.	SW9045	8.2		8.6		9.7		8.8		8		7.7	

Table 3A
Onondaga Lake Phase II Pre-Design Investigation
Summary of Sediment Analytical Results

		Location	OL-VC-70019		OL-VC-70019		OL-VC-70019		OL-VC-70019		OL-VC-70019		OL-VC-70019	
		Sample Depth	0.0-3.3 Ft		3.3-6.6 Ft		6.6-9.9 Ft		9.9-13.2 Ft		13.2-16.5 Ft		16.5-19.0 Ft	
		Field Sample ID	OL-0156-01		OL-0156-02		OL-0156-03		OL-0156-04		OL-0156-05		OL-0156-06	
		Matrix	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
		Sample Purpose	Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample	
		Sample Date	8/19/2006		8/19/2006		8/19/2006		8/19/2006		8/19/2006		8/19/2006	
		Sample Delivery Group	6H220284 C6H220298		6H220284 C6H220298		6H220284 C6H220298		6H220284 C6H220298		6H220284 C6H220298		6H220284 C6H220298	
Parameter Name	Units	Analytical Method												
SOLIDS, PERCENT	%	ASTM D2216	37.8		43.1		47.2		49.8		53		56.9	
SOLIDS, PERCENT	%	E160.3	34.8		41.2		46.2		45.8		52.8		57	
NITROGEN, AMMONIA (AS N)	mg/kg	E350.1	1180	J	1210	J	1080	J	1030	J	683	J	599	J
TOTAL ORGANIC CARBON	mg/kg	Lloyd Kahn	62100	J	100000	J	81900	J	59200	J	61800	J	44700	J
MERCURY	mg/kg	SW7471	7.1	J	46.5	J	5.6	J	3.8	J	3.4		2.4	
AROCLOR-1016	ug/kg	SW8082	470	UJ	400	UJ	360	UJ	360	UJ	310	U	290	U
AROCLOR-1221	ug/kg	SW8082	470	UJ	400	UJ	360	UJ	360	UJ	310	U	290	U
AROCLOR-1232	ug/kg	SW8082	470	UJ	400	UJ	360	UJ	360	UJ	310	U	290	U
AROCLOR-1242	ug/kg	SW8082	470	UJ	400	UJ	360	UJ	360	UJ	310	U	290	U
AROCLOR-1248	ug/kg	SW8082	3700	J	5500	J	360	J	360	UJ	310	U	290	U
AROCLOR-1254	ug/kg	SW8082	2500	J	4800	J	520	J	360	UJ	310	U	290	U
AROCLOR-1260	ug/kg	SW8082	470	UJ	400	UJ	360	UJ	360	UJ	310	U	290	U
AROCLOR-1268	ug/kg	SW8082	470	UJ	400	UJ	360	UJ	360	UJ	310	U	290	U
PCBS, N.O.S.	ug/kg	SW8082	6200	J	10300	J	880	J	360	UJ	310	U	290	U
1,2,3-TRICHLOROBENZENE	ug/kg	SW8260	14	UJ	3000	UJ	540	UJ	1100	UJ	950	U	440	U
1,2,4-TRICHLOROBENZENE	ug/kg	SW8260	14	UJ	3000	UJ	540	UJ	1100	UJ	950	U	440	U
1,2-DICHLOROBENZENE	ug/kg	SW8260	14	UJ	4800	J	130	J	1100	UJ	950	U	440	U
1,3,5-TRICHLOROBENZENE	ug/kg	SW8260	14	UJ	3000	UJ	540	UJ	1100	UJ	950	U	440	U
1,3-DICHLOROBENZENE	ug/kg	SW8260	4.6	J	1700	J	95	J	1100	UJ	950	U	440	U
1,4-DICHLOROBENZENE	ug/kg	SW8260	23	J	14000	J	480	J	340	J	950	U	440	U
BENZENE	ug/kg	SW8260	14	J	580	J	460	J	130	J	120	J	79	J
CHLOROBENZENE	ug/kg	SW8260	68	J	4800	J	580	J	180	J	950	U	440	U
ETHYLBENZENE	ug/kg	SW8260	14	UJ	1200	J	71	J	140	J	390	J	140	J
NAPHTHALENE	ug/kg	SW8260	5.4	J	66000	J	1800	J	24000	J	21000		5200	
TOLUENE	ug/kg	SW8260	14	UJ	1300	J	330	J	240	J	520	J	360	J
XYLENES, TOTAL	ug/kg	SW8260	43	UJ	7400	J	960	J	970	J	1100	J	340	J
ACENAPHTHENE	ug/kg	SW8270	520	J	2300	J	1400	J	5700	J	16000		1600	
ACENAPHTHYLENE	ug/kg	SW8270	760	J	2800	J	1600	J	2900	J	4000		540	
ANTHRACENE	ug/kg	SW8270	1400	J	8500	J	2900	J	9500	J	23000		3000	
BENZO(A)ANTHRACENE	ug/kg	SW8270	2500	J	5500	J	4600	J	9000	J	16000		4100	
BENZO(A)PYRENE	ug/kg	SW8270	2200	J	3800	J	3800	J	5700	J	12000		4000	
BENZO(B)FLUORANTHENE	ug/kg	SW8270	2700	J	4600	J	4500	J	5800	J	9000		3100	
BENZO(G,H,I)PERYLENE	ug/kg	SW8270	2000	J	3000	J	2700	J	3500	J	6800		3000	
BENZO(K)FLUORANTHENE	ug/kg	SW8270	1200	J	1900	J	1500	J	2200	J	3100		1000	
CHRYSENE	ug/kg	SW8270	2900	J	6300	J	5100	J	8500	J	14000		3700	
DIBENZO(A,H)ANTHRACENE	ug/kg	SW8270	480	J	760	J	720	J	1200	J	1800		600	
FLUORANTHENE	ug/kg	SW8270	5500	J	14000	J	8800	J	18000	J	28000		6300	
FLUORENE	ug/kg	SW8270	1000	J	810	UJ	2000	J	7300	J	13000		1700	
INDENO(1,2,3-CD)PYRENE	ug/kg	SW8270	1600	J	2500	J	2300	J	3100	J	4900		1900	
PHENANTHRENE	ug/kg	SW8270	3700	J	16000	J	7100	J	27000	J	56000		8700	
PHENOL	ug/kg	SW8270	380	UJ	810	UJ	360	UJ	360	UJ	320	U	230	U
PYRENE	ug/kg	SW8270	5000	J	11000	J	9300	J	17000	J	39000		9700	
SULFIDE	mg/kg	SW9030	2760	J	2530	J	1650	J	3490		3030		2040	
pH	S.U.	SW9045	7.8		7.9		7.8		7.6		7.4		7.3	

Table 3A
Onondaga Lake Phase II Pre-Design Investigation
Summary of Sediment Analytical Results

		Location	OL-VC-70020		OL-VC-70020		OL-VC-70020		OL-VC-70020		OL-VC-70020		OL-VC-70020	
		Sample Depth	0.0-3.3 Ft		3.3-6.6 Ft		6.6-9.9 Ft		9.9-13.2 Ft		13.2-16.5 Ft		16.5-19.2 Ft	
		Field Sample ID	OL-0155-01		OL-0155-02		OL-0155-03		OL-0155-04		OL-0155-05		OL-0155-06	
		Matrix	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
		Sample Purpose	Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample	
		Sample Date	8/19/2006		8/19/2006		8/19/2006		8/19/2006		8/19/2006		8/19/2006	
		Sample Delivery Group	6H220283 C6H220290		6H220283 C6H220290		6H220283 C6H220290		6H220283 C6H220290		6H220283 C6H220290		6H220283 C6H220290	
Parameter Name	Units	Analytical Method												
SOLIDS, PERCENT	%	ASTM D2216	44.8		36.4		41.8		47.1		54.6		54.2	
SOLIDS, PERCENT	%	E160.3	34.7		42	J	42.8		47.8		51		52.7	
NITROGEN, AMMONIA (AS N)	mg/kg	E350.1	1030	J	1040	J	1090	J	946	J	746		693	J
TOTAL ORGANIC CARBON	mg/kg	Lloyd Kahn	81500	J	73500	J	74200	J	86800	J	55900		67300	
MERCURY	mg/kg	SW7471	16	J	38.4	J	37.5	J	4.5	J	3.1		3.1	
AROCLOR-1016	ug/kg	SW8082	240	UJ	200	UJ	190	UJ	170	UJ	160	UJ	160	UJ
AROCLOR-1221	ug/kg	SW8082	240	UJ	200	UJ	190	UJ	170	UJ	160	U	160	U
AROCLOR-1232	ug/kg	SW8082	240	UJ	200	UJ	190	UJ	170	UJ	160	U	160	U
AROCLOR-1242	ug/kg	SW8082	240	UJ	200	UJ	190	UJ	170	UJ	160	U	160	U
AROCLOR-1248	ug/kg	SW8082	2000	J	4000	J	190	UJ	280	J	160	U	95	J
AROCLOR-1254	ug/kg	SW8082	1300	J	2600	J	190	UJ	170	UJ	160	U	160	U
AROCLOR-1260	ug/kg	SW8082	240	UJ	200	UJ	190	UJ	590	J	160	UJ	160	UJ
AROCLOR-1268	ug/kg	SW8082	240	UJ	200	UJ	190	UJ	170	UJ	160	U	160	U
PCBS, N.O.S.	ug/kg	SW8082	3300	J	6600	J	190	UJ	870	J	160	U	95	J
1,2,3-TRICHLOROBENZENE	ug/kg	SW8260	14	UJ	6000	UJ	5800	UJ	1000	UJ	2000	U	470	U
1,2,4-TRICHLOROBENZENE	ug/kg	SW8260	14	UJ	8400	J	5800	UJ	1000	UJ	2000	U	470	U
1,2-DICHLOROBENZENE	ug/kg	SW8260	14	UJ	20000	J	12000	J	750	J	2000	U	470	U
1,3,5-TRICHLOROBENZENE	ug/kg	SW8260	14	UJ	6000	UJ	5800	UJ	1000	UJ	2000	U	470	U
1,3-DICHLOROBENZENE	ug/kg	SW8260	5.2	J	5100	J	1800	J	200	J	2000	U	470	U
1,4-DICHLOROBENZENE	ug/kg	SW8260	43	J	46000	J	27000	J	3200	J	2000	U	470	U
BENZENE	ug/kg	SW8260	8.3	J	1300	J	740	J	390	J	2000	U	110	J
CHLOROBENZENE	ug/kg	SW8260	69	J	13000	J	11000	J	3800	J	2000	U	470	U
ETHYLBENZENE	ug/kg	SW8260	14	UJ	2300	J	1700	J	250	J	2000	U	66	J
NAPHTHALENE	ug/kg	SW8260	14	UJ	150000	J	120000	J	27000	J	32000		8100	
TOLUENE	ug/kg	SW8260	14	UJ	4300	J	2800	J	200	J	2000	U	190	J
XYLENES, TOTAL	ug/kg	SW8260	43	UJ	21000	J	16000	J	2200	J	1200	J	730	J
ACENAPHTHENE	ug/kg	SW8270	290	J	650	J	2100	J	1700	J	3800		4900	
ACENAPHTHYLENE	ug/kg	SW8270	790	J	1700	J	2600	J	1800	J	2500		2600	
ANTHRACENE	ug/kg	SW8270	1600	J	7300	J	3700	J	3500	J	7800		12000	
BENZO(A)ANTHRACENE	ug/kg	SW8270	1900	J	3200	J	3100	J	5300	J	7800		12000	
BENZO(A)PYRENE	ug/kg	SW8270	1400	J	1900	J	2200	J	4100	J	5200		9300	
BENZO(B)FLUORANTHENE	ug/kg	SW8270	1900	J	2500	J	2900	J	4800	J	5900		7100	
BENZO(G,H,I)PERYLENE	ug/kg	SW8270	1300	J	1400	J	1500	J	2600	J	3000		5400	
BENZO(K)FLUORANTHENE	ug/kg	SW8270	560	J	860	J	1200	J	1700	J	2000		2700	
CHRYSENE	ug/kg	SW8270	2000	J	3600	J	3600	J	5200	J	8000		11000	
DIBENZO(A,H)ANTHRACENE	ug/kg	SW8270	310	J	380	J	390	J	750	J	990		1400	
FLUORANTHENE	ug/kg	SW8270	3300	J	7800	J	8300	J	11000	J	17000		19000	
FLUORENE	ug/kg	SW8270	190	UJ	400	UJ	3700	J	2700	J	5500		6300	
INDENO(1,2,3-CD)PYRENE	ug/kg	SW8270	1000	J	1200	J	1300	J	2400	J	2800		3900	
PHENANTHRENE	ug/kg	SW8270	2100	J	9200	J	10000	J	9000	J	20000		29000	
PHENOL	ug/kg	SW8270	77	J	400	UJ	390	UJ	350	UJ	330	U	320	U
PYRENE	ug/kg	SW8270	2900	J	6400	J	6500	J	10000	J	16000		26000	
SULFIDE	mg/kg	SW9030	2070	J	2480	J	1120	J	1670	J	2430		2050	
pH	S.U.	SW9045	8.1		8.1		8.4		8.1		7.8		7.6	

Table 3A
Onondaga Lake Phase II Pre-Design Investigation
Summary of Sediment Analytical Results

		Location	OL-VC-70021		OL-VC-70021		OL-VC-70021		OL-VC-70021		OL-VC-70021		OL-VC-70021	
		Sample Depth	0.0-3.3 Ft		3.3-6.6 Ft		6.6-9.9 Ft		9.9-13.2 Ft		13.2-16.5 Ft		16.5-19.8 Ft	
		Field Sample ID	OL-0153-01		OL-0153-02		OL-0153-03		OL-0153-04		OL-0153-05		OL-0153-06	
		Matrix	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
		Sample Purpose	Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample	
		Sample Date	8/18/2006		8/18/2006		8/18/2006		8/18/2006		8/18/2006		8/18/2006	
		Sample Delivery Group	6H190158 C6H190167		6H190158 C6H190167		6H190158 C6H190167		6H190158 C6H190167		6H190158 C6H190167		6H190158 C6H190167	
Parameter Name	Units	Analytical Method												
SOLIDS, PERCENT	%	ASTM D2216	39.9		54.7		34.2		36.1		44.5		50.5	
SOLIDS, PERCENT	%	E160.3	40		50.3		34.3		36.8		44.8		51.3	
NITROGEN, AMMONIA (AS N)	mg/kg	E350.1	972	J	1380	J	839	J	1060	J	1120	J	859	J
TOTAL ORGANIC CARBON	mg/kg	Lloyd Kahn	113000	J	64500		58500	J	31800	J	78700	J	81700	
MERCURY	mg/kg	SW7471	50.9	J	49		24.7	J	21.1	J	6.8	J	3.1	
AROCLOR-1016	ug/kg	SW8082	2100	UJ	33	U	48	UJ	45	UJ	37	UJ	32	U
AROCLOR-1221	ug/kg	SW8082	2100	UJ	33	U	48	UJ	45	UJ	37	UJ	32	U
AROCLOR-1232	ug/kg	SW8082	2100	UJ	33	U	48	UJ	45	UJ	37	UJ	32	U
AROCLOR-1242	ug/kg	SW8082	2100	UJ	33	U	48	UJ	45	UJ	37	UJ	32	U
AROCLOR-1248	ug/kg	SW8082	8900	J	520		48	UJ	45	UJ	37	UJ	32	U
AROCLOR-1254	ug/kg	SW8082	2100	UJ	600		48	UJ	45	UJ	37	UJ	32	U
AROCLOR-1260	ug/kg	SW8082	2300	J	33	U	48	UJ	45	UJ	290	J	32	U
AROCLOR-1268	ug/kg	SW8082	2100	UJ	33	U	48	UJ	45	UJ	37	UJ	32	U
PCBS, N.O.S.	ug/kg	SW8082	11200	J	1120		48	UJ	45	UJ	290	J	32	U
1,2,3-TRICHLOROBENZENE	ug/kg	SW8260	1600	UJ	5000	U	7300	UJ	1400	UJ	1400	UJ	490	UJ
1,2,4-TRICHLOROBENZENE	ug/kg	SW8260	7000	J	5800		15000	J	860	J	1400	UJ	490	UJ
1,2-DICHLOROBENZENE	ug/kg	SW8260	7400	J	29000		110000	J	23000	J	1300	J	88	J
1,3,5-TRICHLOROBENZENE	ug/kg	SW8260	1600	UJ	5000	U	7300	UJ	1400	UJ	1400	UJ	490	U
1,3-DICHLOROBENZENE	ug/kg	SW8260	1200	J	5000	U	7300	UJ	1400	UJ	1400	UJ	65	J
1,4-DICHLOROBENZENE	ug/kg	SW8260	16000	J	50000		140000	J	19000	J	1800	J	180	J
BENZENE	ug/kg	SW8260	1200	J	2000	J	1800	J	290	J	1400	UJ	89	J
CHLOROBENZENE	ug/kg	SW8260	4500	J	40000		74000	J	4900	J	930	J	98	J
ETHYLBENZENE	ug/kg	SW8260	570	J	2800	J	2500	J	740	J	390	J	81	J
NAPHTHALENE	ug/kg	SW8260	47000	J	71000		150000	J	41000	J	36000	J	4700	J
TOLUENE	ug/kg	SW8260	1200	J	5600		6500	J	910	J	190	J	120	J
XYLENES, TOTAL	ug/kg	SW8260	12000	J	36000		65000	J	11000	J	2500	J	580	J
ACENAPHTHENE	ug/kg	SW8270	1700	UJ	1100		250	J	59	J	450	J	13	U
ACENAPHTHYLENE	ug/kg	SW8270	2000	J	2600		870	J	300	J	820	J	13	U
ANTHRACENE	ug/kg	SW8270	16000	J	7600		1300	J	390	J	1200	J	13	U
BENZO(A)ANTHRACENE	ug/kg	SW8270	2400	J	2100		710	J	140	J	1300	J	4	J
BENZO(A)PYRENE	ug/kg	SW8270	1300	J	1500		490	J	87	J	1100	J	13	U
BENZO(B)FLUORANTHENE	ug/kg	SW8270	2300	J	2200		640	J	120	J	1400	J	13	U
BENZO(G,H,I)PERYLENE	ug/kg	SW8270	920	J	820		270	J	56	J	570	J	13	U
BENZO(K)FLUORANTHENE	ug/kg	SW8270	860	J	810		280	J	56	J	570	J	13	U
CHRYSENE	ug/kg	SW8270	3400	J	2800		950	J	200	J	1500	J	3.7	J
DIBENZO(A,H)ANTHRACENE	ug/kg	SW8270	1700	UJ	310	J	79	J	19	J	170	J	13	U
FLUORANTHENE	ug/kg	SW8270	7100	J	7300		2100	J	520	J	3400	J	5	J
FLUORENE	ug/kg	SW8270	1700	UJ	660	U	190	UJ	91	UJ	370	UJ	13	U
INDENO(1,2,3-CD)PYRENE	ug/kg	SW8270	750	J	760		230	J	47	J	510	J	13	U
PHENANTHRENE	ug/kg	SW8270	10000	J	8500		2900	J	820	J	2700	J	5.4	J
PHENOL	ug/kg	SW8270	1700	UJ	370	J	4800	J	460	J	370	UJ	13	U
PYRENE	ug/kg	SW8270	6200	J	5000		1800	J	370	J	2700	J	3.5	J
SULFIDE	mg/kg	SW9030	2140	J	922		233	J	109	J	1820	J	2620	
pH	S.U.	SW9045	8.5		8.7		10.9		9.6		8.6		7.9	

Table 3A
Onondaga Lake Phase II Pre-Design Investigation
Summary of Sediment Analytical Results

		Location	OL-VC-70021A		OL-VC-70021A		OL-VC-70021A		OL-VC-70021A		OL-VC-70021A		OL-VC-70021A	
		Sample Depth	0.0-3.3 Ft		3.3-6.6 Ft		6.6-9.9 Ft		9.9-13.2 Ft		13.2-16.5 Ft		16.5-19.8 Ft	
		Field Sample ID	OL-0152-14		OL-0152-15		OL-0152-16		OL-0152-17		OL-0152-18		OL-0152-19	
		Matrix	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
		Sample Purpose	Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample	
		Sample Date	8/18/2006		8/18/2006		8/18/2006		8/18/2006		8/18/2006		8/18/2006	
		Sample Delivery Group	6H190153 C6H190162		6H190153 C6H190162		6H190153 C6H190162		6H190153 C6H190162		6H190153 C6H190162		6H190153 C6H190162	
Parameter Name	Units	Analytical Method												
SOLIDS, PERCENT	%	ASTM D2216	40.3		46.7		38.5		40.3		49.2		50.9	
SOLIDS, PERCENT	%	E160.3	42.2		51		35.7		43.3		48.3		48.7	
NITROGEN, AMMONIA (AS N)	mg/kg	E350.1	959	J	1030	J	875	J	887	J	930	J	1190	J
TOTAL ORGANIC CARBON	mg/kg	Lloyd Kahn	114000	J	82700	J	40800	J	44000	J	55700	J	65700	
MERCURY	mg/kg	SW7471	40.8	J	50.4		19.1	J	16.7	J	4	J	3	J
AROCLOR-1016	ug/kg	SW8082	1200	UJ	97	U	140	UJ	38	UJ	34	UJ	34	UJ
AROCLOR-1221	ug/kg	SW8082	1200	UJ	97	U	140	UJ	38	UJ	34	UJ	34	UJ
AROCLOR-1232	ug/kg	SW8082	1200	UJ	97	U	140	UJ	38	UJ	34	UJ	34	UJ
AROCLOR-1242	ug/kg	SW8082	1200	UJ	97	U	140	UJ	38	UJ	34	UJ	34	UJ
AROCLOR-1248	ug/kg	SW8082	5800	J	97	U	140	UJ	38	UJ	34	UJ	110	J
AROCLOR-1254	ug/kg	SW8082	3000	J	1500		520	J	130	J	34	UJ	34	UJ
AROCLOR-1260	ug/kg	SW8082	1200	UJ	97	U	140	UJ	38	UJ	240	J	34	UJ
AROCLOR-1268	ug/kg	SW8082	1200	UJ	97	U	140	UJ	38	UJ	34	UJ	34	UJ
PCBS, N.O.S.	ug/kg	SW8082	8800	J	1500		520	J	130	J	240	J	110	J
1,2,3-TRICHLOROBENZENE	ug/kg	SW8260	2400	J	4800	U	3200	J	4800	UJ	3000	UJ	500	UJ
1,2,4-TRICHLOROBENZENE	ug/kg	SW8260	8900	J	2000	J	14000	J	1600	J	310	J	500	UJ
1,2-DICHLOROBENZENE	ug/kg	SW8260	6600	J	20000		60000	J	43000	J	5900	J	120	J
1,3,5-TRICHLOROBENZENE	ug/kg	SW8260	280	J	700	J	6900	UJ	4800	UJ	3000	UJ	93	J
1,3-DICHLOROBENZENE	ug/kg	SW8260	1300	J	2000	J	6900	UJ	4800	UJ	3000	UJ	76	J
1,4-DICHLOROBENZENE	ug/kg	SW8260	14000	J	60000		78000	J	31000	J	7100	J	210	J
BENZENE	ug/kg	SW8260	1700	J	2000	J	1100	J	340	J	3000	UJ	58	J
CHLOROBENZENE	ug/kg	SW8260	8800	J	22000		34000	J	6900	J	1300	J	110	J
ETHYLBENZENE	ug/kg	SW8260	760	J	1700	J	1300	J	730	J	480	J	140	J
NAPHTHALENE	ug/kg	SW8260	47000	J	100000		140000	J	110000	J	76000	J	13000	J
TOLUENE	ug/kg	SW8260	2200	J	4500	J	3400	J	1200	J	240	J	51	J
XYLENES, TOTAL	ug/kg	SW8260	16000	J	16000		31000	J	16000	J	4100	J	760	J
ACENAPHTHENE	ug/kg	SW8270	1600	UJ	1200	J	400	J	100	J	860	J	3000	J
ACENAPHTHYLENE	ug/kg	SW8270	1800	J	2900		1100	J	550	J	1300	J	2000	J
ANTHRACENE	ug/kg	SW8270	12000	J	8200		2000	J	750	J	2100	J	5200	J
BENZO(A)ANTHRACENE	ug/kg	SW8270	1800	J	3000		1100	J	270	J	2600	J	5100	J
BENZO(A)PYRENE	ug/kg	SW8270	1100	J	2000		780	J	180	J	2200	J	3600	J
BENZO(B)FLUORANTHENE	ug/kg	SW8270	1600	J	2700		1100	J	250	J	2800	J	4100	J
BENZO(G,H,I)PERYLENE	ug/kg	SW8270	780	J	1100	J	380	J	91	J	1100	J	1600	J
BENZO(K)FLUORANTHENE	ug/kg	SW8270	830	J	1100	J	470	J	110	J	1200	J	1700	J
CHRYSENE	ug/kg	SW8270	2700	J	3300		1500	J	430	J	3000	J	5100	J
DIBENZO(A,H)ANTHRACENE	ug/kg	SW8270	1600	UJ	440	J	130	J	27	J	310	J	500	J
FLUORANTHENE	ug/kg	SW8270	5400	J	8900		3200	J	1000	J	6100	J	12000	J
FLUORENE	ug/kg	SW8270	1600	UJ	1300	U	190	UJ	77	UJ	690	UJ	3400	J
INDENO(1,2,3-CD)PYRENE	ug/kg	SW8270	630	J	1000	J	330	J	74	J	1000	J	1500	J
PHENANTHRENE	ug/kg	SW8270	8300	J	9700		5200	J	1800	J	4600	J	12000	J
PHENOL	ug/kg	SW8270	1600	UJ	1300	U	6200	J	1500	J	690	UJ	680	UJ
PYRENE	ug/kg	SW8270	4900	J	6200	J	2800	J	690	J	5200	J	11000	J
SULFIDE	mg/kg	SW9030	1480	J	785	J	89.7	J	185	J	1310	J	1350	J
pH	S.U.	SW9045	8.5		9		10.9		9.4		8.5		8	

Table 3A
Onondaga Lake Phase II Pre-Design Investigation
Summary of Sediment Analytical Results

		Location	OL-VC-70022		OL-VC-70022		OL-VC-70022		OL-VC-70022		OL-VC-70022		OL-VC-70022	
		Sample Depth	0.0-3.3 Ft		3.3-6.6 Ft		6.6-9.9 Ft		9.9-13.2 Ft		13.2-16.5 Ft		16.5-19.2 Ft	
		Field Sample ID	OL-0156-07		OL-0156-08		OL-0156-09		OL-0156-10		OL-0156-11		OL-0156-12	
		Matrix	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
		Sample Purpose	Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample	
		Sample Date	8/19/2006		8/19/2006		8/19/2006		8/19/2006		8/19/2006		8/19/2006	
		Sample Delivery Group	6H220284 C6H220298		6H220284 C6H220298		6H220284 C6H220298		6H220284 C6H220298		6H220284 C6H220298		6H220284 C6H220298	
Parameter Name	Units	Analytical Method												
SOLIDS, PERCENT	%	ASTM D2216	39.1		50.4		51.4		53.1		51.5		54.9	
SOLIDS, PERCENT	%	E160.3	37.4		47.4		49.7		51.4		56.7		58.4	
NITROGEN, AMMONIA (AS N)	mg/kg	E350.1	788	J	811	J	1030	J	941	J	685	J	439	J
TOTAL ORGANIC CARBON	mg/kg	Lloyd Kahn	105000	J	77800	J	74700	J	49200	J	45800	J	36600	J
MERCURY	mg/kg	SW7471	21.5	J	26.5	J	3.4	J	3.7		2.6		0.7	
AROCLOR-1016	ug/kg	SW8082	440	UJ	350	UJ	330	UJ	320	U	290	U	280	U
AROCLOR-1221	ug/kg	SW8082	440	UJ	350	UJ	330	UJ	320	U	290	U	280	U
AROCLOR-1232	ug/kg	SW8082	440	UJ	350	UJ	330	UJ	320	U	290	U	280	U
AROCLOR-1242	ug/kg	SW8082	440	UJ	350	UJ	330	UJ	320	U	290	U	280	U
AROCLOR-1248	ug/kg	SW8082	5000	J	1600	J	330	UJ	320	U	290	U	280	U
AROCLOR-1254	ug/kg	SW8082	2200	J	2000	J	330	UJ	320	U	290	U	280	U
AROCLOR-1260	ug/kg	SW8082	440	UJ	350	UJ	330	UJ	320	U	290	U	280	U
AROCLOR-1268	ug/kg	SW8082	440	UJ	350	UJ	330	UJ	320	U	290	U	280	U
PCBS, N.O.S.	ug/kg	SW8082	7200	J	3600	J	330	UJ	320	U	290	U	280	U
1,2,3-TRICHLOROBENZENE	ug/kg	SW8260	670	UJ	530	UJ	2500	UJ	490	UJ	8.8	U	8.6	U
1,2,4-TRICHLOROBENZENE	ug/kg	SW8260	1600	J	530	UJ	2500	UJ	490	UJ	8.8	U	8.6	U
1,2-DICHLOROBENZENE	ug/kg	SW8260	3900	J	90	J	2500	UJ	490	UJ	8.8	U	8.6	U
1,3,5-TRICHLOROBENZENE	ug/kg	SW8260	670	UJ	530	UJ	2500	UJ	490	UJ	8.8	U	8.6	U
1,3-DICHLOROBENZENE	ug/kg	SW8260	930	J	530	UJ	2500	UJ	490	UJ	8.8	U	8.6	U
1,4-DICHLOROBENZENE	ug/kg	SW8260	7300	J	320	J	2500	UJ	490	UJ	8.8		8.6	U
BENZENE	ug/kg	SW8260	600	J	300	J	2500	UJ	56	J	8.8	U	8.6	U
CHLOROBENZENE	ug/kg	SW8260	7700	J	270	J	2500	UJ	490	UJ	8.8	U	8.6	U
ETHYLBENZENE	ug/kg	SW8260	160	J	530	UJ	2500	UJ	120	J	8.8	U	8.6	U
NAPHTHALENE	ug/kg	SW8260	1200	J	530	J	31000	J	4600	J	15		12	
TOLUENE	ug/kg	SW8260	200	J	200	J	390	J	320	J	8.8	U	8.6	U
XYLENES, TOTAL	ug/kg	SW8260	5700	J	360	J	7500	UJ	250	J	26	U	26	U
ACENAPHTHENE	ug/kg	SW8270	1600	J	1900	J	8500	J	14000		1900		770	
ACENAPHTHYLENE	ug/kg	SW8270	1900	J	2100	J	3300	J	6000		840		130	
ANTHRACENE	ug/kg	SW8270	7600	J	4700	J	11000	J	28000		4200		1600	
BENZO(A)ANTHRACENE	ug/kg	SW8270	5400	J	6600	J	9900	J	24000		5100		2600	
BENZO(A)PYRENE	ug/kg	SW8270	4100	J	4700	J	7600	J	18000		5000		2200	
BENZO(B)FLUORANTHENE	ug/kg	SW8270	5300	J	5400	J	7400	J	13000		3600		2300	
BENZO(G,H,I)PERYLENE	ug/kg	SW8270	3400	J	3400	J	4900	J	9600		3900		1300	
BENZO(K)FLUORANTHENE	ug/kg	SW8270	1800	J	1900	J	2600	J	5300		1300		780	
CHRYSENE	ug/kg	SW8270	6200	J	6500	J	8800	J	20000		4600		2100	
DIBENZO(A,H)ANTHRACENE	ug/kg	SW8270	870	J	940	J	1400	J	2600		760		350	
FLUORANTHENE	ug/kg	SW8270	14000	J	13000	J	20000	J	37000		7600		4800	
FLUORENE	ug/kg	SW8270	890	UJ	3100	J	8000	J	14000		2100		870	
INDENO(1,2,3-CD)PYRENE	ug/kg	SW8270	2800	J	3000	J	4200	J	7100		2400		1200	
PHENANTHRENE	ug/kg	SW8270	13000	J	11000	J	26000	J	63000		11000		3200	
PHENOL	ug/kg	SW8270	890	UJ	350	UJ	340	UJ	320	U	240	U	44	J
PYRENE	ug/kg	SW8270	12000	J	12000	J	20000	J	53000		13000		3700	
SULFIDE	mg/kg	SW9030	2890	J	2110	J	2570	J	2180		2190		411	
pH	S.U.	SW9045	7.8		7.7		7.6		7.6		7.5		7.3	

Table 3A
Onondaga Lake Phase II Pre-Design Investigation
Summary of Sediment Analytical Results

		Location	OL-VC-70023		OL-VC-70023		OL-VC-70023		OL-VC-70023		OL-VC-70023		OL-VC-70023	
		Sample Depth	0.0-3.3 Ft		3.3-6.6 Ft		3.3-6.6 Ft		6.6-9.9 Ft		9.9-13.2 Ft		13.2-16.5 Ft	
		Field Sample ID	OL-0155-07		OL-0155-08		OL-0155-09		OL-0155-10		OL-0155-11		OL-0155-12	
		Matrix	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
		Sample Purpose	Regular Sample		Regular Sample		Field Duplicate		Regular Sample		Regular Sample		Regular Sample	
		Sample Date	8/19/2006		8/19/2006		8/19/2006		8/19/2006		8/19/2006		8/19/2006	
		Sample Delivery Group	6H220283 C6H220290		6H220283 C6H220290		6H220283 C6H220290		6H220283 C6H220290		6H220283 C6H220290		6H220283 C6H220290	
Parameter Name	Units	Analytical Method												
SOLIDS, PERCENT	%	ASTM D2216	50.8		51.1		49.8		51.4		42.5		47.1	
SOLIDS, PERCENT	%	E160.3	49.4		52.5		50.3		51.7		44		46.2	
NITROGEN, AMMONIA (AS N)	mg/kg	E350.1	984	J	749	J	758	J	684	J	528	J	764	J
TOTAL ORGANIC CARBON	mg/kg	Lloyd Kahn	162000		84900		78200	J	73800		44500	J	48800	J
MERCURY	mg/kg	SW7471	67.4	J	41.2		38.7		53.9		26.2	J	8.3	J
AROCLOR-1016	ug/kg	SW8082	170	UJ	160	UJ	160	UJ	160	UJ	190	UJ	180	UJ
AROCLOR-1221	ug/kg	SW8082	170	UJ	160	U	160	U	160	U	190	UJ	180	UJ
AROCLOR-1232	ug/kg	SW8082	170	UJ	160	U	160	U	160	U	190	UJ	180	UJ
AROCLOR-1242	ug/kg	SW8082	170	UJ	160	U	160	U	160	U	190	UJ	180	UJ
AROCLOR-1248	ug/kg	SW8082	170	UJ	160	U	160	U	160	U	190	UJ	180	UJ
AROCLOR-1254	ug/kg	SW8082	170	UJ	160	U	160	U	160	U	190	UJ	180	UJ
AROCLOR-1260	ug/kg	SW8082	170	UJ	160	UJ	160	UJ	160	UJ	190	UJ	1100	J
AROCLOR-1268	ug/kg	SW8082	170	UJ	160	U	160	U	160	U	190	UJ	180	UJ
PCBS, N.O.S.	ug/kg	SW8082	170	UJ	160	U	160	U	160	U	190	UJ	1100	J
1,2,3-TRICHLOROBENZENE	ug/kg	SW8260	13000	UJ	2400	U	2500	U	4800	U	5700	UJ	2200	UJ
1,2,4-TRICHLOROBENZENE	ug/kg	SW8260	17000	J	1100	J	640	J	13000		2400	J	2200	UJ
1,2-DICHLOROBENZENE	ug/kg	SW8260	51000	J	4500		6600		17000		6200	J	1900	J
1,3,5-TRICHLOROBENZENE	ug/kg	SW8260	13000	UJ	1400	J	1400	J	4800	U	5700	UJ	2200	UJ
1,3-DICHLOROBENZENE	ug/kg	SW8260	4400	J	7600		11000		21000		5700	UJ	2200	UJ
1,4-DICHLOROBENZENE	ug/kg	SW8260	100000	J	63000		95000		57000		12000	J	3100	J
BENZENE	ug/kg	SW8260	3100	J	890	J	1000	J	930	J	5700	UJ	340	J
CHLOROBENZENE	ug/kg	SW8260	24000	J	16000		24000		19000		4000	J	1300	J
ETHYLBENZENE	ug/kg	SW8260	2300	J	1300	J	1200	J	1300	J	1000	J	580	J
NAPHTHALENE	ug/kg	SW8260	200000	J	35000		51000		100000		120000	J	42000	J
TOLUENE	ug/kg	SW8260	9400	J	1900	J	2300	J	1600	J	760	J	420	J
XYLENES, TOTAL	ug/kg	SW8260	37000	J	7400		8300		7700	J	14000	J	5900	J
ACENAPHTHENE	ug/kg	SW8270	1700	J	400		300		820		2300	J	890	J
ACENAPHTHYLENE	ug/kg	SW8270	2400	J	1800		1500		2400		2000	J	1200	J
ANTHRACENE	ug/kg	SW8270	10000	J	5400		4700		4500		2500	J	1900	J
BENZO(A)ANTHRACENE	ug/kg	SW8270	2400	J	1800		1700		2400		1600	J	2200	J
BENZO(A)PYRENE	ug/kg	SW8270	890	J	1000		840		1400		970	J	1800	J
BENZO(B)FLUORANTHENE	ug/kg	SW8270	1400	J	1500		1200		1700		1200	J	2000	J
BENZO(G,H,I)PERYLENE	ug/kg	SW8270	720	J	770		640		1000		680	J	1300	J
BENZO(K)FLUORANTHENE	ug/kg	SW8270	560	J	470		410		760		430	J	870	J
CHRYSENE	ug/kg	SW8270	2500	J	2000		1600		2600		1600	J	2400	J
DIBENZO(A,H)ANTHRACENE	ug/kg	SW8270	240	J	230	J	190	J	260		190	J	350	J
FLUORANTHENE	ug/kg	SW8270	5200	J	4300		3700		6500		4900	J	5400	J
FLUORENE	ug/kg	SW8270	340	UJ	250	U	260	U	260	U	2900	J	1600	J
INDENO(1,2,3-CD)PYRENE	ug/kg	SW8270	630	J	690		570		870		610	J	1100	J
PHENANTHRENE	ug/kg	SW8270	9400	J	5500		4400		8400		7500	J	5400	J
PHENOL	ug/kg	SW8270	140	J	250	U	260	U	310		820	J	72	J
PYRENE	ug/kg	SW8270	4200	J	3400		2800		4600		3300	J	4500	J
SULFIDE	mg/kg	SW9030	809	J	609		715		696		455	J	1380	J
pH	S.U.	SW9045	8.2		8.3		8.3		8.4		9.3		8.6	

Table 3A
Onondaga Lake Phase II Pre-Design Investigation
Summary of Sediment Analytical Results

		Location	OL-VC-70023		OL-VC-70024		OL-VC-70024		OL-VC-70024		OL-VC-70024		OL-VC-70024	
		Sample Depth	16.5-19.5 Ft		0.0-3.3 Ft		3.3-6.6 Ft		6.6-9.9 Ft		9.9-13.2 Ft		13.2-16.5 Ft	
		Field Sample ID	OL-0155-13		OL-0154-07		OL-0154-08		OL-0154-09		OL-0154-10		OL-0154-11	
		Matrix	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
		Sample Purpose	Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample	
		Sample Date	8/19/2006		8/18/2006		8/18/2006		8/18/2006		8/18/2006		8/18/2006	
		Sample Delivery Group	6H220283 C6H220290		6H190161 C6H190169		6H190161 C6H190169		6H190161 C6H190169		6H190161 C6H190169		6H190161 C6H190169	
Parameter Name	Units	Analytical Method												
SOLIDS, PERCENT	%	ASTM D2216	56.3		40.4		48.6		48.7		53.1		52.8	
SOLIDS, PERCENT	%	E160.3	49.8		37.1		47		50.6		50.3		53.7	
NITROGEN, AMMONIA (AS N)	mg/kg	E350.1	828	J	1010	J	1010	J	925	J	930	J	775	J
TOTAL ORGANIC CARBON	mg/kg	Lloyd Kahn	69400		95500	J	96900	J	71500	J	63800		57300	
MERCURY	mg/kg	SW7471	2	J	23.1	J	30.8	J	27.8		3.3		3.9	
AROCLOR-1016	ug/kg	SW8082	170	UJ	890	UJ	700	UJ	650	U	33	UJ	31	UJ
AROCLOR-1221	ug/kg	SW8082	170	UJ	890	UJ	700	UJ	650	U	33	U	31	U
AROCLOR-1232	ug/kg	SW8082	170	UJ	890	UJ	700	UJ	650	U	33	U	31	U
AROCLOR-1242	ug/kg	SW8082	170	UJ	890	UJ	700	UJ	650	U	33	U	31	U
AROCLOR-1248	ug/kg	SW8082	170	UJ	1800	J	2700	J	520	J	33	U	31	U
AROCLOR-1254	ug/kg	SW8082	170	UJ	890	UJ	700	UJ	650	U	33	U	31	U
AROCLOR-1260	ug/kg	SW8082	170	UJ	1000	J	970	J	1100	J	33	UJ	31	UJ
AROCLOR-1268	ug/kg	SW8082	170	UJ	890	UJ	700	UJ	650	U	33	U	31	U
PCBS, N.O.S.	ug/kg	SW8082	170	UJ	2800	J	3670	J	1620	J	33	U	31	U
1,2,3-TRICHLOROBENZENE	ug/kg	SW8260	500	UJ	670	UJ	11000	UJ	9.9	U	990	U	470	U
1,2,4-TRICHLOROBENZENE	ug/kg	SW8260	500	UJ	130	J	10000	J	9.9	U	990	U	470	U
1,2-DICHLOROBENZENE	ug/kg	SW8260	120	J	850	J	23000	J	3.9	J	140	J	470	U
1,3,5-TRICHLOROBENZENE	ug/kg	SW8260	500	UJ	670	UJ	11000	UJ	9.9	U	990	U	470	U
1,3-DICHLOROBENZENE	ug/kg	SW8260	75	J	470	J	11000	UJ	5.2	J	990	U	470	U
1,4-DICHLOROBENZENE	ug/kg	SW8260	250	J	4100	J	54000	J	40		510	J	470	U
BENZENE	ug/kg	SW8260	130	J	850	J	1700	J	6.8	J	170	J	91	J
CHLOROBENZENE	ug/kg	SW8260	130	J	8700	J	19000	J	71		250	J	470	U
ETHYLBENZENE	ug/kg	SW8260	160	J	670	UJ	3400	J	3.9	J	230	J	76	J
NAPHTHALENE	ug/kg	SW8260	6400	J	700	J	250000	J	52		21000		3300	
TOLUENE	ug/kg	SW8260	160	J	200	J	6700	J	11		230	J	280	J
XYLENES, TOTAL	ug/kg	SW8260	1100	J	320	J	40000	J	29	J	1100	J	260	J
ACENAPHTHENE	ug/kg	SW8270	3200	J	400	J	780	J	1400		2300		6100	
ACENAPHTHYLENE	ug/kg	SW8270	2000	J	720	J	920	J	1100		2300		3400	
ANTHRACENE	ug/kg	SW8270	4900	J	2800	J	10000	J	3500		5000		14000	
BENZO(A)ANTHRACENE	ug/kg	SW8270	5500	J	1800	J	2200	J	3500		6300		12000	
BENZO(A)PYRENE	ug/kg	SW8270	4200	J	1500	J	1500	J	2900		4900		9900	
BENZO(B)FLUORANTHENE	ug/kg	SW8270	5300	J	2300	J	2200	J	3800		6300		8700	
BENZO(G,H,I)PERYLENE	ug/kg	SW8270	2900	J	920	J	670	J	1200		2300		4000	
BENZO(K)FLUORANTHENE	ug/kg	SW8270	2200	J	1100	J	1000	J	1500		2900		3700	
CHRYSENE	ug/kg	SW8270	5600	J	2300	J	3100	J	3800		5900		12000	
DIBENZO(A,H)ANTHRACENE	ug/kg	SW8270	850	J	260	J	350	J	380		780		1200	
FLUORANTHENE	ug/kg	SW8270	13000	J	3800	J	6600	J	8700		13000		23000	
FLUORENE	ug/kg	SW8270	4100	J	450	UJ	710	UJ	330	U	2900		7000	
INDENO(1,2,3-CD)PYRENE	ug/kg	SW8270	2600	J	780	J	770	J	1200		2100		3200	
PHENANTHRENE	ug/kg	SW8270	13000	J	2800	J	12000	J	7900		12000		35000	
PHENOL	ug/kg	SW8270	130	J	450	UJ	710	UJ	330	U	660	U	620	U
PYRENE	ug/kg	SW8270	11000	J	4200	J	10000	J	8400	J	15000	J	33000	J
SULFIDE	mg/kg	SW9030	1930	J	2370	J	2710	J	1260		1970		2410	
pH	S.U.	SW9045	8.2		7.9		7.8		7.8		7.7		7.8	

Table 3A
Onondaga Lake Phase II Pre-Design Investigation
Summary of Sediment Analytical Results

		Location	OL-VC-70024		OL-VC-70024		OL-VC-70024A		OL-VC-70024A		OL-VC-70024A		OL-VC-70024A	
		Sample Depth	13.2-16.5 Ft		16.5-18.5 Ft		0.0-3.3 Ft		3.3-6.6 Ft		6.6-9.9 Ft		9.9-13.2 Ft	
		Field Sample ID	OL-0154-12		OL-0154-13		OL-0154-01		OL-0154-02		OL-0154-03		OL-0154-04	
		Matrix	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
		Sample Purpose	Field Duplicate		Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample	
		Sample Date	8/18/2006		8/18/2006		8/18/2006		8/18/2006		8/18/2006		8/18/2006	
		Sample Delivery Group	6H190161 C6H190169		6H190161 C6H190169		6H190161 C6H190169		6H190161 C6H190169		6H190161 C6H190169		6H190161 C6H190169	
Parameter Name	Units	Analytical Method												
SOLIDS, PERCENT	%	ASTM D2216	53.9		54.3		38.8		48.1		49.9		50.3	
SOLIDS, PERCENT	%	E160.3	51.4		55.2		41.5		48.3		47.7		51	
NITROGEN, AMMONIA (AS N)	mg/kg	E350.1	895	J	88.8	J	1020	J	1010	J	987	J	886	J
TOTAL ORGANIC CARBON	mg/kg	Lloyd Kahn	63000		62100		153000	J	93200	J	76300	J	72800	
MERCURY	mg/kg	SW7471	3.4		1.7		26.5	J	37.1	J	25.4	J	2.9	
AROCLOR-1016	ug/kg	SW8082	32	UJ	30	UJ	800	UJ	680	UJ	690	UJ	32	UJ
AROCLOR-1221	ug/kg	SW8082	32	U	30	U	800	UJ	680	UJ	690	UJ	32	U
AROCLOR-1232	ug/kg	SW8082	32	U	30	U	800	UJ	680	UJ	690	UJ	32	U
AROCLOR-1242	ug/kg	SW8082	32	U	30	U	800	UJ	680	UJ	690	UJ	32	U
AROCLOR-1248	ug/kg	SW8082	32	U	30	U	1800	J	3100	J	830	J	32	U
AROCLOR-1254	ug/kg	SW8082	32	U	30	U	800	UJ	680	UJ	690	UJ	32	U
AROCLOR-1260	ug/kg	SW8082	32	UJ	30	UJ	890	J	1000	J	1300	J	32	UJ
AROCLOR-1268	ug/kg	SW8082	32	U	30	U	800	UJ	680	UJ	690	UJ	32	U
PCBS, N.O.S.	ug/kg	SW8082	32	U	30	U	2690	J	4100	J	2130	J	32	U
1,2,3-TRICHLOROBENZENE	ug/kg	SW8260	490	U	9.1	U	12	UJ	5200	UJ	2600	UJ	490	U
1,2,4-TRICHLOROBENZENE	ug/kg	SW8260	490	U	9.1	U	12	UJ	3200	J	2600	UJ	490	U
1,2-DICHLOROBENZENE	ug/kg	SW8260	490	U	9.1	U	2.9	J	6900	J	3700	J	79	J
1,3,5-TRICHLOROBENZENE	ug/kg	SW8260	490	U	9.1	U	12	UJ	5200	UJ	2600	UJ	490	U
1,3-DICHLOROBENZENE	ug/kg	SW8260	490	U	9.1	U	12	UJ	1800	J	2900	J	490	U
1,4-DICHLOROBENZENE	ug/kg	SW8260	490	U	9.1	U	6.4	J	22000	J	29000	J	240	J
BENZENE	ug/kg	SW8260	490	U	9.1	U	12	J	1400	J	2600	UJ	110	J
CHLOROBENZENE	ug/kg	SW8260	490	U	9.1	U	48	J	19000	J	7500	J	120	J
ETHYLBENZENE	ug/kg	SW8260	490	U	9.1	U	12	UJ	2000	J	750	J	79	J
NAPHTHALENE	ug/kg	SW8260	420	J	9.1	U	4.9	J	70000	J	49000	J	6000	
TOLUENE	ug/kg	SW8260	490	U	9.1	U	12	UJ	4500	J	840	J	170	J
XYLENES, TOTAL	ug/kg	SW8260	1500	U	27	U	7.6	J	21000	J	6200	J	770	J
ACENAPHTHENE	ug/kg	SW8270	3300		680		330	J	1600	J	1700	J	2300	
ACENAPHTHYLENE	ug/kg	SW8270	2300		400		610	J	1900	J	1400	J	2200	
ANTHRACENE	ug/kg	SW8270	7900		2100		3000	J	12000	J	4100	J	4700	
BENZO(A)ANTHRACENE	ug/kg	SW8270	8000		3200		1700	J	3800	J	4200	J	5500	
BENZO(A)PYRENE	ug/kg	SW8270	6000		3500		1700	J	2400	J	3600	J	5500	
BENZO(B)FLUORANTHENE	ug/kg	SW8270	5800		2800		2600	J	3000	J	4900	J	7300	
BENZO(G,H,I)PERYLENE	ug/kg	SW8270	2400		1900		840	J	1700	J	1500	J	2200	
BENZO(K)FLUORANTHENE	ug/kg	SW8270	2500		990		1100	J	1300	J	2200	J	3000	
CHRYSENE	ug/kg	SW8270	8000		2900		2300	J	4600	J	4900	J	6100	
DIBENZO(A,H)ANTHRACENE	ug/kg	SW8270	850		430		280	J	550	J	560	J	770	
FLUORANTHENE	ug/kg	SW8270	14000		4900		4400	J	11000	J	9500	J	12000	
FLUORENE	ug/kg	SW8270	4800		840		320	UJ	690	UJ	350	UJ	2900	
INDENO(1,2,3-CD)PYRENE	ug/kg	SW8270	2100		1200		770	J	1500	J	1400	J	2100	
PHENANTHRENE	ug/kg	SW8270	20000		5700		3300	J	19000	J	9100	J	11000	
PHENOL	ug/kg	SW8270	650	U	300	U	120	J	690	UJ	350	UJ	330	U
PYRENE	ug/kg	SW8270	21000	J	8400	J	3500	J	9000	J	10000	J	14000	J
SULFIDE	mg/kg	SW9030	3610		1350		3010	J	3110	J	503	J	1000	
pH	S.U.	SW9045	7.8		7.4		8		7.8		7.8		7.7	

Table 3A
Onondaga Lake Phase II Pre-Design Investigation
Summary of Sediment Analytical Results

		Location	OL-VC-70024A		OL-VC-70024A		OL-VC-70025		OL-VC-70025		OL-VC-70025		OL-VC-70025	
		Sample Depth	13.2-16.5 Ft		16.5-19.0 Ft		0.0-3.3 Ft		3.3-6.6 Ft		6.6-9.9 Ft		9.9-13.2 Ft	
		Field Sample ID	OL-0154-05		OL-0154-06		OL-0181-05		OL-0181-06		OL-0181-07		OL-0181-08	
		Matrix	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
		Sample Purpose	Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample	
		Sample Date	8/18/2006		8/18/2006		9/26/2006		9/26/2006		9/26/2006		9/26/2006	
		Sample Delivery Group	6H190161 C6H190169		6H190161 C6H190169		6I270200 C6I270206		6I270200 C6I270206		6I270200 C6I270206		6I270200 C6I270206	
Parameter Name	Units	Analytical Method												
SOLIDS, PERCENT	%	ASTM D2216	54.7		56.7		50.2		59.1		49.4		54.4	
SOLIDS, PERCENT	%	E160.3	55.8		52.6		50.2		61.5		47.2		54.9	
NITROGEN, AMMONIA (AS N)	mg/kg	E350.1	750	J	602	J	201	J	119	J	212	J	186	J
TOTAL ORGANIC CARBON	mg/kg	Lloyd Kahn	50000		33600		59400	J	53500	J	31200	J	57200	J
MERCURY	mg/kg	SW7471	3.4		2		31.8		0.73		0.013	J	0.012	J
AROCLOR-1016	ug/kg	SW8082	30	UJ	31	UJ	330	U	27	U	35	UJ	30	U
AROCLOR-1221	ug/kg	SW8082	30	U	31	U	330	U	27	U	35	UJ	30	U
AROCLOR-1232	ug/kg	SW8082	30	U	31	U	330	U	27	U	35	UJ	30	U
AROCLOR-1242	ug/kg	SW8082	30	U	31	U	330	U	27	U	35	UJ	30	U
AROCLOR-1248	ug/kg	SW8082	30	U	31	U	330	U	27	U	35	UJ	30	U
AROCLOR-1254	ug/kg	SW8082	30	U	31	U	2000		27	U	35	UJ	30	U
AROCLOR-1260	ug/kg	SW8082	30	UJ	31	UJ	330	U	300		35	UJ	30	U
AROCLOR-1268	ug/kg	SW8082	30	U	31	U	330	U	27	U	35	UJ	30	U
PCBS, N.O.S.	ug/kg	SW8082	30	U	31	U	2000		300		35	UJ	30	U
1,2,3-TRICHLOROBENZENE	ug/kg	SW8260	450	U	9.5	U	500	U	41	U	11	UJ	9.1	U
1,2,4-TRICHLOROBENZENE	ug/kg	SW8260	450	U	9.5	U	500	U	41	U	11	UJ	9.1	U
1,2-DICHLOROBENZENE	ug/kg	SW8260	450	U	9.5	U	500	U	41	U	11	UJ	9.1	U
1,3,5-TRICHLOROBENZENE	ug/kg	SW8260	450	U	9.5	U	350	J	41	U	11	UJ	9.1	U
1,3-DICHLOROBENZENE	ug/kg	SW8260	450	U	9.5	U	1700	J	11	J	11	UJ	9.1	U
1,4-DICHLOROBENZENE	ug/kg	SW8260	450	U	9.5	U	7200		35	J	11	UJ	9.1	U
BENZENE	ug/kg	SW8260	78	J	9.5	U	630		17	J	11	UJ	9.1	U
CHLOROBENZENE	ug/kg	SW8260	450	U	9.5	U	5400		57		11	UJ	9.1	U
ETHYLBENZENE	ug/kg	SW8260	450	U	9.5	U	640		17	J	11	UJ	9.1	U
NAPHTHALENE	ug/kg	SW8260	7900		4.6	J	52000		650		11	UJ	9.1	U
TOLUENE	ug/kg	SW8260	110	J	9.5	U	420	J	41	U	11	UJ	9.1	U
XYLENES, TOTAL	ug/kg	SW8260	510	J	29	U	2900	J	47	J	32	UJ	27	U
ACENAPHTHENE	ug/kg	SW8270	3700		1100		9600		1100		3.9	J	2.2	J
ACENAPHTHYLENE	ug/kg	SW8270	2300		460		3000		790		7.1	UJ	6.1	U
ANTHRACENE	ug/kg	SW8270	9600		3100		18000		2200		3.1	J	6.1	U
BENZO(A)ANTHRACENE	ug/kg	SW8270	9300		5200		9000		2700		4.4	J	6.1	U
BENZO(A)PYRENE	ug/kg	SW8270	7400		4400		8000		2600		4.5	J	2.7	J
BENZO(B)FLUORANTHENE	ug/kg	SW8270	8700		3500		9200		2800		4.4	J	1.1	J
BENZO(G,H,I)PERYLENE	ug/kg	SW8270	2700		2900		4700		1700		2.6	J	6.1	U
BENZO(K)FLUORANTHENE	ug/kg	SW8270	300	U	1600		3500		1000		7.1	UJ	6.1	U
CHRYSENE	ug/kg	SW8270	8900		4700		12000		3000		4.1	J	6.1	U
DIBENZO(A,H)ANTHRACENE	ug/kg	SW8270	900		660		1300	J	450		7.1	UJ	6.1	UJ
FLUORANTHENE	ug/kg	SW8270	17000		6400		27000		4900		6.8	J	6.1	U
FLUORENE	ug/kg	SW8270	4600		1400		9300		1100		5.2	J	3.4	J
INDENO(1,2,3-CD)PYRENE	ug/kg	SW8270	2300		2000		4100		1500		2.4	J	6.1	U
PHENANTHRENE	ug/kg	SW8270	23000		8500		53000		5200		14	J	6.9	
PHENOL	ug/kg	SW8270	300	U	320	U	660	U	110	U	7.1	UJ	6.1	U
PYRENE	ug/kg	SW8270	24000	J	11000		24000		5000		8.6	J	1.4	J
SULFIDE	mg/kg	SW9030	2160		2080		1270		65.1	J	318	UJ	273	U
pH	S.U.	SW9045	7.8		7.4		7.3		7.3		7		7.2	

Table 3A
Onondaga Lake Phase II Pre-Design Investigation
Summary of Sediment Analytical Results

		Location	OL-VC-70026		OL-VC-70026		OL-VC-70026		OL-VC-70026		OL-VC-70026		OL-VC-70027	
		Sample Depth	0.0-3.3 Ft		3.3-6.6 Ft		6.6-9.9 Ft		6.6-9.9 Ft		9.9-13.2 Ft		0.0-3.3 Ft	
		Field Sample ID	OL-0181-09		OL-0181-10		OL-0181-11		OL-0181-12		OL-0181-13		OL-0181-14	
		Matrix	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
		Sample Purpose	Regular Sample		Regular Sample		Regular Sample		Field Duplicate		Regular Sample		Regular Sample	
		Sample Date	9/26/2006		9/26/2006		9/26/2006		9/26/2006		9/26/2006		9/26/2006	
		Sample Delivery Group	6I270200 C6I270206		6I270200 C6I270206		6I270200 C6I270206		6I270200 C6I270206		6I270200 C6I270206		6I270200 C6I270206	
Parameter Name	Units	Analytical Method												
SOLIDS, PERCENT	%	ASTM D2216	60.8		49.1		51		51.4		55.2		67.4	
SOLIDS, PERCENT	%	E160.3	58.2		55.4		51.5		53		53.7		65.7	
NITROGEN, AMMONIA (AS N)	mg/kg	E350.1	137	J	155	J	178	J	188	J	206	J	107	J
TOTAL ORGANIC CARBON	mg/kg	Lloyd Kahn	52600	J	59100	J	48600	J	52100	J	44800	J	49300	J
MERCURY	mg/kg	SW7471	11.1		0.029	U	0.0092	J	0.011	J	0.012	J	3.4	
AROCLOR-1016	ug/kg	SW8082	280	U	30	U	32	U	31	U	31	U	25	U
AROCLOR-1221	ug/kg	SW8082	280	U	30	U	32	U	31	U	31	U	25	U
AROCLOR-1232	ug/kg	SW8082	280	U	30	U	32	U	31	U	31	U	25	U
AROCLOR-1242	ug/kg	SW8082	280	U	30	U	32	U	31	U	31	U	25	U
AROCLOR-1248	ug/kg	SW8082	280	U	30	U	32	U	31	U	31	U	25	U
AROCLOR-1254	ug/kg	SW8082	1000		30	U	32	U	31	U	31	U	25	U
AROCLOR-1260	ug/kg	SW8082	280	U	30	U	32	U	31	U	31	U	200	
AROCLOR-1268	ug/kg	SW8082	280	U	30	U	32	U	31	U	31	U	25	U
PCBS, N.O.S.	ug/kg	SW8082	1000		30	U	32	U	31	U	31	U	200	
1,2,3-TRICHLOROBENZENE	ug/kg	SW8260	8.6	U	9	U	9.7	U	9.4	U	9.3	U	380	U
1,2,4-TRICHLOROBENZENE	ug/kg	SW8260	8.6	U	9	U	9.7	U	9.4	U	9.3	U	380	U
1,2-DICHLOROBENZENE	ug/kg	SW8260	8.6	U	9	U	9.7	U	9.4	U	9.3	U	380	U
1,3,5-TRICHLOROBENZENE	ug/kg	SW8260	8.6	U	9	U	9.7	U	9.4	U	9.3	U	380	U
1,3-DICHLOROBENZENE	ug/kg	SW8260	3.5	J	9	U	9.7	U	9.4	U	9.3	U	450	
1,4-DICHLOROBENZENE	ug/kg	SW8260	9.7		9	U	9.7	U	9.4	U	9.3	U	560	
BENZENE	ug/kg	SW8260	2.3	J	9	U	9.7	U	9.4	U	9.3	U	380	U
CHLOROBENZENE	ug/kg	SW8260	53		9	U	9.7	U	9.4	U	9.3	U	700	
ETHYLBENZENE	ug/kg	SW8260	1.9	J	9	U	9.7	U	9.4	U	9.3	U	130	J
NAPHTHALENE	ug/kg	SW8260	16		9	U	9.7	U	9.4	U	9.3	U	9400	J
TOLUENE	ug/kg	SW8260	8.6	U	9	U	9.7	U	9.4	U	9.3	U	42	J
XYLENES, TOTAL	ug/kg	SW8260	23	J	27	U	29	U	28	U	28	U	470	J
ACENAPHTHENE	ug/kg	SW8270	4200		3.7	J	2	J	6.3	U	6.2	U	3200	
ACENAPHTHYLENE	ug/kg	SW8270	2300		3.3	J	6.5	U	6.3	U	6.2	U	930	
ANTHRACENE	ug/kg	SW8270	8500		5.1	J	6.5	U	6.3	U	6.2	U	4400	
BENZO(A)ANTHRACENE	ug/kg	SW8270	9100		10		2.4	J	6.3	U	6.2	U	3700	
BENZO(A)PYRENE	ug/kg	SW8270	7300		13		2.2	J	2.8	J	6.2	U	3200	
BENZO(B)FLUORANTHENE	ug/kg	SW8270	7200		10		3.4	J	1.3	J	1.1	J	3400	
BENZO(G,H,I)PERYLENE	ug/kg	SW8270	4800		8.4		1.9	J	6.3	U	6.2	U	2100	
BENZO(K)FLUORANTHENE	ug/kg	SW8270	3200		4.6	J	6.5	U	6.3	U	6.2	U	1300	
CHRYSENE	ug/kg	SW8270	9800		8.9		2.4	J	6.3	U	6.2	U	3500	
DIBENZO(A,H)ANTHRACENE	ug/kg	SW8270	1200		2.1	J	6.5	U	6.3	UJ	6.2	UJ	560	
FLUORANTHENE	ug/kg	SW8270	14000		9.1		2.7	J	6.3	U	6.2	U	7900	
FLUORENE	ug/kg	SW8270	5300		4.6	J	2.5	J	2.6	J	6.2	U	3400	
INDENO(1,2,3-CD)PYRENE	ug/kg	SW8270	3900		6.9		1.7	J	6.3	U	6.2	U	1900	
PHENANTHRENE	ug/kg	SW8270	23000		15		7		5.8	J	5.4	J	11000	
PHENOL	ug/kg	SW8270	290	U	6	U	6.5	U	6.3	U	6.2	U	200	U
PYRENE	ug/kg	SW8270	17000		13		3.7	J	1.4	J	6.2	U	7500	
SULFIDE	mg/kg	SW9030	258	U	271	U	291	U	283	U	280	U	228	U
pH	S.U.	SW9045	7.5		7		7.2		7.2		7.1		7.1	

Table 3A
Onondaga Lake Phase II Pre-Design Investigation
Summary of Sediment Analytical Results

		Location	OL-VC-70027		OL-VC-70027		OL-VC-70027		OL-VC-70031		OL-VC-70028		OL-VC-70028	
		Sample Depth	3.3-6.6 Ft		6.6-9.9 Ft		9.9-13.2 Ft		0.0-3.3 Ft		0.0-3.3 Ft		3.3-6.6 Ft	
		Field Sample ID	OL-0181-15		OL-0181-16		OL-0181-17		OL-0156-13		OL-0183-01		OL-0183-02	
		Matrix	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
		Sample Purpose	Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample	
		Sample Date	9/26/2006		9/26/2006		9/26/2006		8/19/2006		9/26/2006		9/26/2006	
		Sample Delivery Group	6I270200 C6I270206		6I270200 C6I270206		6I270200 C6I270206		6H220284 C6H220298		6I270203 C6I270211		6I270203 C6I270211	
Parameter Name	Units	Analytical Method												
SOLIDS, PERCENT	%	ASTM D2216	52.8		52.5		53.9		32.5		63.6		54.7	
SOLIDS, PERCENT	%	E160.3	53.3		57.1		53.4		36.1		68.5		54.1	
NITROGEN, AMMONIA (AS N)	mg/kg	E350.1	184	J	154	J	135	J	1200	J	84.5		185	
TOTAL ORGANIC CARBON	mg/kg	Lloyd Kahn	22800	J	21000	J	105000		79000	J	58500		38200	
MERCURY	mg/kg	SW7471	0.031	U	0.01	J	12.2		5.2	J	2.8		0.031	U
AROCLOR-1016	ug/kg	SW8082	31	U	29	U	31	U	460	UJ	24	U	30	U
AROCLOR-1221	ug/kg	SW8082	31	U	29	U	31	U	460	UJ	24	U	30	U
AROCLOR-1232	ug/kg	SW8082	31	U	29	U	31	U	460	UJ	24	U	30	U
AROCLOR-1242	ug/kg	SW8082	31	U	29	U	31	U	460	UJ	24	U	30	U
AROCLOR-1248	ug/kg	SW8082	31	U	29	U	31	U	2600	J	160		30	U
AROCLOR-1254	ug/kg	SW8082	31	U	29	U	31	U	1500	J	24	U	30	U
AROCLOR-1260	ug/kg	SW8082	31	U	29	U	31	U	460	UJ	140		30	U
AROCLOR-1268	ug/kg	SW8082	31	U	29	U	31	U	460	UJ	24	U	30	U
PCBS, N.O.S.	ug/kg	SW8082	31	U	29	U	31	U	4100	J	300		30	U
1,2,3-TRICHLOROBENZENE	ug/kg	SW8260	9.4	U	8.8	U	9.4	U	14	UJ	7.3	U	9.2	U
1,2,4-TRICHLOROBENZENE	ug/kg	SW8260	9.4	U	8.8	U	9.4	U	14	UJ	7.3	U	9.2	U
1,2-DICHLOROBENZENE	ug/kg	SW8260	9.4	U	8.8	U	9.4	U	14	UJ	7.3	U	9.2	U
1,3,5-TRICHLOROBENZENE	ug/kg	SW8260	9.4	U	8.8	U	9.4	U	14	UJ	7.3	U	9.2	U
1,3-DICHLOROBENZENE	ug/kg	SW8260	9.4	U	8.8	U	9.4	U	14	UJ	7.3	U	9.2	U
1,4-DICHLOROBENZENE	ug/kg	SW8260	9.4	U	8.8	U	9.4	U	14	UJ	7.3	U	9.2	U
BENZENE	ug/kg	SW8260	9.4	U	8.8	U	9.4	U	3.8	J	1.6	J	9.2	U
CHLOROBENZENE	ug/kg	SW8260	9.4	U	8.8	U	9.4	U	37	J	14		9.2	U
ETHYLBENZENE	ug/kg	SW8260	9.4	U	8.8	U	9.4	U	14	UJ	7.3	U	9.2	U
NAPHTHALENE	ug/kg	SW8260	9.4	U	8.8	U	9.4	U	14	UJ	14		9.2	U
TOLUENE	ug/kg	SW8260	9.4	U	8.8	U	9.4	U	14	UJ	7.3	U	9.2	U
XYLENES, TOTAL	ug/kg	SW8260	28	U	26	U	28	U	42	UJ	22	U	28	U
ACENAPHTHENE	ug/kg	SW8270	2.4	J	5.8	U	6.2	U	350	J	3600		13	
ACENAPHTHYLENE	ug/kg	SW8270	6.3	U	5.8	U	6.2	U	710	J	1700		6.2	U
ANTHRACENE	ug/kg	SW8270	6.3	U	5.8	U	6.2	U	1200	J	10000		34	
BENZO(A)ANTHRACENE	ug/kg	SW8270	6.3	U	5.8	U	6.2	U	2000	J	13000		54	
BENZO(A)PYRENE	ug/kg	SW8270	6.3	U	5.8	U	6.2	U	2000	J	12000		45	
BENZO(B)FLUORANTHENE	ug/kg	SW8270	6.3	U	5.8	U	1.4	J	2600	J	11000		43	
BENZO(G,H,I)PERYLENE	ug/kg	SW8270	6.3	U	5.8	U	6.2	U	1900	J	7100		24	
BENZO(K)FLUORANTHENE	ug/kg	SW8270	6.3	U	5.8	U	6.2	U	810	J	5400		18	
CHRYSENE	ug/kg	SW8270	6.3	U	5.8	U	6.2	U	2400	J	12000		45	
DIBENZO(A,H)ANTHRACENE	ug/kg	SW8270	6.3	UJ	5.8	UJ	6.2	UJ	430	J	1800		7.3	J
FLUORANTHENE	ug/kg	SW8270	6.3	U	5.8	U	6.2	U	4700		21000		66	
FLUORENE	ug/kg	SW8270	2.6	J	3	J	2.9	J	800	J	4300		16	
INDENO(1,2,3-CD)PYRENE	ug/kg	SW8270	6.3	U	5.8	U	6.2	U	1500	J	6100		24	
PHENANTHRENE	ug/kg	SW8270	6.8		8.7		6.2		2700	J	24000		73	
PHENOL	ug/kg	SW8270	6.3	U	5.8	U	6.2	U	460	UJ	170	J	6.2	U
PYRENE	ug/kg	SW8270	1.2	J	5.8	U	6.2	U	4100	J	21000		69	
SULFIDE	mg/kg	SW9030	281	U	263	U	281	U	2660	J	175	J	277	UJ
pH	S.U.	SW9045	7.1		6.9		7		7.6		7.3		6.9	

Table 3A
Onondaga Lake Phase II Pre-Design Investigation
Summary of Sediment Analytical Results

		Location	OL-VC-70028		OL-VC-70028		OL-VC-70029		OL-VC-70029		OL-VC-70029		OL-VC-70029	
		Sample Depth	6.6-9.9 Ft		9.9-13.2 Ft		0.0-3.3 Ft		3.3-6.6 Ft		6.6-9.9 Ft		9.9-13.2 Ft	
		Field Sample ID	OL-0183-03		OL-0183-04		OL-0183-05		OL-0183-06		OL-0183-07		OL-0183-08	
		Matrix	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
		Sample Purpose	Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample	
		Sample Date	9/26/2006		9/26/2006		9/26/2006		9/26/2006		9/26/2006		9/26/2006	
		Sample Delivery Group	6I270203 C6I270211		6I270203 C6I270211		6I270203 C6I270211		6I270203 C6I270211		6I270203 C6I270211		6I270203 C6I270211	
Parameter Name	Units	Analytical Method												
SOLIDS, PERCENT	%	ASTM D2216	53.7		53.3		65.3		55.6		57.6		53.4	
SOLIDS, PERCENT	%	E160.3	54.5		52		66.3		57.4		56.4		53.7	
NITROGEN, AMMONIA (AS N)	mg/kg	E350.1	194		206		104		145		181		178	
TOTAL ORGANIC CARBON	mg/kg	Lloyd Kahn	43500		33500		73300		30600		34600		32400	
MERCURY	mg/kg	SW7471	0.0076	J	0.0098	J	1.3		0.029	U	0.008	J	0.0084	J
AROCLOR-1016	ug/kg	SW8082	30	U	32	U	25	U	29	U	29	U	31	U
AROCLOR-1221	ug/kg	SW8082	30	U	32	U	25	U	29	U	29	U	31	U
AROCLOR-1232	ug/kg	SW8082	30	U	32	U	25	U	29	U	29	U	31	U
AROCLOR-1242	ug/kg	SW8082	30	U	32	U	25	U	29	U	29	U	31	U
AROCLOR-1248	ug/kg	SW8082	30	U	32	U	25	U	29	U	29	U	31	U
AROCLOR-1254	ug/kg	SW8082	30	U	32	U	25	U	29	U	29	U	31	U
AROCLOR-1260	ug/kg	SW8082	30	U	32	U	29		29	U	29	U	31	U
AROCLOR-1268	ug/kg	SW8082	30	U	32	U	25	U	29	U	29	U	31	U
PCBS, N.O.S.	ug/kg	SW8082	30	U	32	U	29		29	U	29	U	31	U
1,2,3-TRICHLOROBENZENE	ug/kg	SW8260	9.2	U	9.6	U	7.5	U	8.7	U	8.9	U	9.3	U
1,2,4-TRICHLOROBENZENE	ug/kg	SW8260	9.2	U	9.6	U	7.5	U	8.7	U	8.9	U	9.3	U
1,2-DICHLOROBENZENE	ug/kg	SW8260	9.2	U	9.6	U	7.5	U	8.7	U	8.9	U	9.3	U
1,3,5-TRICHLOROBENZENE	ug/kg	SW8260	9.2	U	9.6	U	7.5	U	8.7	U	8.9	U	9.3	U
1,3-DICHLOROBENZENE	ug/kg	SW8260	9.2	U	9.6	U	7.5	U	8.7	U	8.9	U	9.3	U
1,4-DICHLOROBENZENE	ug/kg	SW8260	9.2	U	9.6	U	7.5	U	8.7	U	8.9	U	9.3	U
BENZENE	ug/kg	SW8260	9.2	U	9.6	U	1.7	J	8.7	U	8.9	U	9.3	U
CHLOROBENZENE	ug/kg	SW8260	9.2	U	9.6	U	7.5	U	8.7	U	8.9	U	9.3	U
ETHYLBENZENE	ug/kg	SW8260	9.2	U	9.6	U	2.1	J	8.7	U	8.9	U	9.3	U
NAPHTHALENE	ug/kg	SW8260	9.2	U	9.6	U	110		8.7	U	8.9	U	9.3	U
TOLUENE	ug/kg	SW8260	9.2	U	9.6	U	2.1	J	8.7	U	8.9	U	9.3	U
XYLENES, TOTAL	ug/kg	SW8260	28	U	29	U	4.5	J	26	U	27	U	28	U
ACENAPHTHENE	ug/kg	SW8270	2	J	6.4	U	5900		12		2.1	J	6.2	U
ACENAPHTHYLENE	ug/kg	SW8270	6.1	U	6.4	U	2900		2	J	5.9	U	6.2	U
ANTHRACENE	ug/kg	SW8270	6.1	U	6.4	U	15000		7.8		2.2	J	6.2	U
BENZO(A)ANTHRACENE	ug/kg	SW8270	6.1	U	6.4	U	18000		14		3	J	1.8	J
BENZO(A)PYRENE	ug/kg	SW8270	6.1	U	6.4	U	15000		14		3.5	J	6.2	U
BENZO(B)FLUORANTHENE	ug/kg	SW8270	6.1	U	1.5	J	13000		12		3.1	J	1.5	J
BENZO(G,H,I)PERYLENE	ug/kg	SW8270	6.1	U	6.4	U	8700		7.6		1.2	J	6.2	U
BENZO(K)FLUORANTHENE	ug/kg	SW8270	6.1	U	6.4	U	5700		5.5	J	5.9	U	6.2	U
CHRYSENE	ug/kg	SW8270	6.1	U	6.4	U	16000		12		2.5	J	1.5	J
DIBENZO(A,H)ANTHRACENE	ug/kg	SW8270	6.1	UJ	6.4	UJ	2400	J	2.1	J	5.9	UJ	6.2	UJ
FLUORANTHENE	ug/kg	SW8270	6.1	U	6.4	U	27000		19		6		3.5	J
FLUORENE	ug/kg	SW8270	2.3	J	2.7	J	5800		7.8		3.3	J	6.2	U
INDENO(1,2,3-CD)PYRENE	ug/kg	SW8270	6.1	U	6.4	U	7500		7.1		1.2	J	6.2	U
PHENANTHRENE	ug/kg	SW8270	6.2		5.4	J	30000		22		12		8.1	
PHENOL	ug/kg	SW8270	6.1	U	25		500	U	5.8	U	5.9	U	6.2	U
PYRENE	ug/kg	SW8270	1.4	J	6.4	U	30000		24		6.6		2.9	J
SULFIDE	mg/kg	SW9030	275	UJ	289	UJ	226	UJ	261	UJ	266	UJ	279	UJ
pH	S.U.	SW9045	6.8		6.8		7.5		7		7		7.2	

Table 3A
Onondaga Lake Phase II Pre-Design Investigation
Summary of Sediment Analytical Results

		Location	OL-VC-70030		OL-VC-70030		OL-VC-70030		OL-VC-70030		OL-VC-70031		OL-VC-70031	
		Sample Depth	0.0-3.3 Ft		3.3-6.6 Ft		6.6-9.9 Ft		9.9-13.2 Ft		3.3-6.6 Ft		3.3-6.6 Ft	
		Field Sample ID	OL-0181-01		OL-0181-02		OL-0181-03		OL-0181-04		OL-0156-14		OL-0156-15	
		Matrix	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
		Sample Purpose	Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample		Field Duplicate	
		Sample Date	9/26/2006		9/26/2006		9/26/2006		9/26/2006		8/19/2006		8/19/2006	
		Sample Delivery Group	6I270200 C6I270206		6I270200 C6I270206		6I270200 C6I270206		6I270200 C6I270206		6H220284 C6H220298		6H220284 C6H220298	
Parameter Name	Units	Analytical Method												
SOLIDS, PERCENT	%	ASTM D2216	54.8		54		53.2		50.7		40.3		39.8	
SOLIDS, PERCENT	%	E160.3	55.3		52.9		53		58.9		39.1		38.6	
NITROGEN, AMMONIA (AS N)	mg/kg	E350.1	184	J	166	J	146	J	148	J	1330	J	1810	J
TOTAL ORGANIC CARBON	mg/kg	Lloyd Kahn	50300	J	41200	J	23400	J	24800	J	88900	J	91700	J
MERCURY	mg/kg	SW7471	0.73		0.011	J	0.011	J	0.012	J	29.2	J	34.2	J
AROCLOR-1016	ug/kg	SW8082	30	U	31	U	31	U	28	U	420	UJ	430	UJ
AROCLOR-1221	ug/kg	SW8082	30	U	31	U	31	U	28	U	420	UJ	430	UJ
AROCLOR-1232	ug/kg	SW8082	30	U	31	U	31	U	28	U	420	UJ	430	UJ
AROCLOR-1242	ug/kg	SW8082	30	U	31	U	31	U	28	U	420	UJ	430	UJ
AROCLOR-1248	ug/kg	SW8082	30	U	31	U	31	U	28	U	7500	J	5700	J
AROCLOR-1254	ug/kg	SW8082	30	U	31	U	31	U	28	U	5200	J	3900	J
AROCLOR-1260	ug/kg	SW8082	30	U	31	U	31	U	28	U	420	UJ	430	UJ
AROCLOR-1268	ug/kg	SW8082	30	U	31	U	31	U	28	U	420	UJ	430	UJ
PCBS, N.O.S.	ug/kg	SW8082	30	U	31	U	31	U	28	U	12700	J	9600	J
1,2,3-TRICHLOROBENZENE	ug/kg	SW8260	9	U	9.5	U	9.4	U	8.5	U	640	UJ	650	UJ
1,2,4-TRICHLOROBENZENE	ug/kg	SW8260	9	U	9.5	U	9.4	U	8.5	U	200	J	650	UJ
1,2-DICHLOROBENZENE	ug/kg	SW8260	9	U	9.5	U	9.4	U	8.5	U	470	J	300	J
1,3,5-TRICHLOROBENZENE	ug/kg	SW8260	9	U	9.5	U	9.4	U	8.5	U	320	J	650	UJ
1,3-DICHLOROBENZENE	ug/kg	SW8260	9	U	9.5	U	9.4	U	8.5	U	420	J	220	J
1,4-DICHLOROBENZENE	ug/kg	SW8260	9	U	9.5	U	9.4	U	8.5	U	1300	J	850	J
BENZENE	ug/kg	SW8260	9	U	9.5	U	9.4	U	8.5	U	180	J	120	J
CHLOROBENZENE	ug/kg	SW8260	9	U	9.5	U	9.4	U	8.5	U	3200	J	1700	J
ETHYLBENZENE	ug/kg	SW8260	9	U	9.5	U	9.4	U	8.5	U	110	J	97	J
NAPHTHALENE	ug/kg	SW8260	6.5	J	9.5	U	9.4	U	8.5	U	1600	J	2100	J
TOLUENE	ug/kg	SW8260	9	U	9.5	U	9.4	U	8.5	U	170	J	130	J
XYLENES, TOTAL	ug/kg	SW8260	27	U	28	U	28	U	25	U	920	J	620	J
ACENAPHTHENE	ug/kg	SW8270	9200		12		6.3	U	1.9	J	1600	J	1600	J
ACENAPHTHYLENE	ug/kg	SW8270	1700		6.3	U	6.3	U	5.7	U	2000	J	2000	J
ANTHRACENE	ug/kg	SW8270	23000		32		6.3	U	5.7	U	5900	J	6200	J
BENZO(A)ANTHRACENE	ug/kg	SW8270	27000		39		6.3	U	5.7	U	5200	J	4900	J
BENZO(A)PYRENE	ug/kg	SW8270	21000		29		2	J	5.7	U	3900	J	3500	J
BENZO(B)FLUORANTHENE	ug/kg	SW8270	19000		28		1.5	J	5.7	U	4700	J	4200	J
BENZO(G,H,I)PERYLENE	ug/kg	SW8270	9500		12		6.3	U	5.7	U	3200	J	2900	J
BENZO(K)FLUORANTHENE	ug/kg	SW8270	8700		11		6.3	U	5.7	U	1700	J	1700	J
CHRYSENE	ug/kg	SW8270	22000		27		6.3	U	5.7	U	5800	J	5600	J
DIBENZO(A,H)ANTHRACENE	ug/kg	SW8270	2900	J	3.9	J	6.3	UJ	5.7	UJ	820	J	770	J
FLUORANTHENE	ug/kg	SW8270	47000		63		6.3	U	5.7	U	13000	J	12000	J
FLUORENE	ug/kg	SW8270	11000		19		2.5	J	2.4	J	430	UJ	430	UJ
INDENO(1,2,3-CD)PYRENE	ug/kg	SW8270	9100		12		6.3	U	5.7	U	2600	J	2400	J
PHENANTHRENE	ug/kg	SW8270	50000		87		5.6	J	6.9		13000	J	12000	J
PHENOL	ug/kg	SW8270	260	J	3	J	4	J	35		430	UJ	430	UJ
PYRENE	ug/kg	SW8270	43000		67		1.2	J	5.7	U	11000	J	10000	J
SULFIDE	mg/kg	SW9030	271	U	284	U	283	U	255	U	2560	J	2590	J
pH	S.U.	SW9045	7.2		7		7		6.9		7.6		7.6	

Table 3A
Onondaga Lake Phase II Pre-Design Investigation
Summary of Sediment Analytical Results

		Location	OL-VC-70031		OL-VC-70031		OL-VC-70031		OL-VC-70031		OL-VC-70032		OL-VC-70032	
		Sample Depth	6.6-9.9 Ft		9.9-13.2 Ft		13.2-16.5 Ft		16.5-18.2 Ft		0.0-3.3 Ft		3.3-6.6 Ft	
		Field Sample ID	OL-0156-16		OL-0156-17		OL-0156-18		OL-0156-19		OL-0154-14		OL-0154-15	
		Matrix	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
		Sample Purpose	Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample	
		Sample Date	8/19/2006		8/19/2006		8/19/2006		8/19/2006		8/18/2006		8/18/2006	
		Sample Delivery Group	6H220284 C6H220298		6H220284 C6H220298		6H220284 C6H220298		6H220284 C6H220298		6H190161 C6H190169		6H190161 C6H190169	
Parameter Name	Units	Analytical Method												
SOLIDS, PERCENT	%	ASTM D2216	46.4		50.1		53.8		58.2		34.5		46.9	
SOLIDS, PERCENT	%	E160.3	45.5		47.2		52.2		57.7		36		46.8	
NITROGEN, AMMONIA (AS N)	mg/kg	E350.1	1010	J	1200	J	763	J	457	J	1160	J	1140	J
TOTAL ORGANIC CARBON	mg/kg	Lloyd Kahn	66400	J	54400	J	46400	J	37600	J	116000	J	68700	J
MERCURY	mg/kg	SW7471	5.6	J	6.6	J	2.3		2.1		38.8	J	58.5	J
AROCLOR-1016	ug/kg	SW8082	360	UJ	350	UJ	320	U	290	U	920	UJ	710	UJ
AROCLOR-1221	ug/kg	SW8082	360	UJ	350	UJ	320	U	290	U	920	UJ	710	UJ
AROCLOR-1232	ug/kg	SW8082	360	UJ	350	UJ	320	U	290	U	920	UJ	710	UJ
AROCLOR-1242	ug/kg	SW8082	360	UJ	350	UJ	320	U	290	U	920	UJ	710	UJ
AROCLOR-1248	ug/kg	SW8082	440	J	350	UJ	320	U	130	J	4500	J	570	J
AROCLOR-1254	ug/kg	SW8082	660	J	350	UJ	320	U	120	J	920	UJ	710	UJ
AROCLOR-1260	ug/kg	SW8082	360	UJ	350	UJ	320	U	290	U	1600	J	570	J
AROCLOR-1268	ug/kg	SW8082	360	UJ	350	UJ	320	U	290	U	920	UJ	710	UJ
PCBS, N.O.S.	ug/kg	SW8082	1100	J	350	UJ	320	U	250	J	6100	J	1140	J
1,2,3-TRICHLOROBENZENE	ug/kg	SW8260	550	UJ	1100	UJ	480	U	8.7	U	690	UJ	5300	UJ
1,2,4-TRICHLOROBENZENE	ug/kg	SW8260	120	J	1100	UJ	480	U	8.7	U	1100	J	3600	J
1,2-DICHLOROBENZENE	ug/kg	SW8260	240	J	1100	UJ	480	U	8.7	U	2300	J	27000	J
1,3,5-TRICHLOROBENZENE	ug/kg	SW8260	550	UJ	1100	UJ	480	U	8.7	U	330	J	5300	UJ
1,3-DICHLOROBENZENE	ug/kg	SW8260	200	J	1100	UJ	480	U	8.7	U	1400	J	5300	UJ
1,4-DICHLOROBENZENE	ug/kg	SW8260	720	J	1100	UJ	480	U	8.7	U	6000	J	60000	J
BENZENE	ug/kg	SW8260	100	J	130	J	64	J	8.7	U	2200	J	3100	J
CHLOROBENZENE	ug/kg	SW8260	1400	J	1100	UJ	480	U	8.7	U	9900	J	37000	J
ETHYLBENZENE	ug/kg	SW8260	79	J	410	J	120	J	8.7	U	250	J	2200	J
NAPHTHALENE	ug/kg	SW8260	1300	J	20000	J	3900		3.6	J	7800	J	120000	J
TOLUENE	ug/kg	SW8260	110	J	460	J	350	J	8.7	U	940	J	6400	J
XYLENES, TOTAL	ug/kg	SW8260	500	J	1100	J	230	J	26	U	8100	J	22000	J
ACENAPHTHENE	ug/kg	SW8270	2400	J	8700	J	8700		690		420	J	1100	J
ACENAPHTHYLENE	ug/kg	SW8270	2700	J	2700	J	2200		400		1900	J	2000	J
ANTHRACENE	ug/kg	SW8270	5000	J	9400	J	14000		3500		11000	J	6200	J
BENZO(A)ANTHRACENE	ug/kg	SW8270	5900	J	7800	J	10000		5700		3400	J	2800	J
BENZO(A)PYRENE	ug/kg	SW8270	4500	J	5400	J	8100		5200		2000	J	2200	J
BENZO(B)FLUORANTHENE	ug/kg	SW8270	5000	J	5400	J	6000		5000		2800	J	3000	J
BENZO(G,H,I)PERYLENE	ug/kg	SW8270	3100	J	3600	J	5000		3800		1600	J	990	J
BENZO(K)FLUORANTHENE	ug/kg	SW8270	1600	J	2300	J	2000		1900		1200	J	1500	J
CHRYSENE	ug/kg	SW8270	6200	J	7300	J	8300		4600		4200	J	3900	J
DIBENZO(A,H)ANTHRACENE	ug/kg	SW8270	890	J	1000	J	1200		910		570	J	210	J
FLUORANTHENE	ug/kg	SW8270	11000	J	16000	J	17000		11000		7400	J	7700	J
FLUORENE	ug/kg	SW8270	3000	J	7600	J	7300		1100		930	UJ	360	UJ
INDENO(1,2,3-CD)PYRENE	ug/kg	SW8270	2600	J	3000	J	3500		3100		1400	J	920	J
PHENANTHRENE	ug/kg	SW8270	12000	J	24000	J	32000		6800		14000	J	11000	J
PHENOL	ug/kg	SW8270	370	UJ	350	UJ	640	U	88	J	930	UJ	900	J
PYRENE	ug/kg	SW8270	12000	J	16000	J	24000		9700		6900	J	6900	J
SULFIDE	mg/kg	SW9030	2370	J	2880	J	1530		971		3130	J	2560	J
pH	S.U.	SW9045	7.7		7.4		7.3		7.3		8.4		8.9	

Table 3A
Onondaga Lake Phase II Pre-Design Investigation
Summary of Sediment Analytical Results

		Location	OL-VC-70032		OL-VC-70032		OL-VC-70032		OL-VC-70032		OL-VC-70033		OL-VC-70033	
		Sample Depth	6.6-9.9 Ft		9.9-13.2 Ft		13.2-16.5 Ft		16.5-19.8 Ft		0.0-3.3 Ft		3.3-6.6 Ft	
		Field Sample ID	OL-0154-16		OL-0154-17		OL-0154-18		OL-0154-19		OL-0153-14		OL-0153-15	
		Matrix	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
		Sample Purpose	Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample	
		Sample Date	8/18/2006		8/18/2006		8/18/2006		8/18/2006		8/18/2006		8/18/2006	
		Sample Delivery Group	6H190161 C6H190169		6H190161 C6H190169		6H190161 C6H190169		6H190161 C6H190169		6H190158 C6H190167		6H190158 C6H190167	
Parameter Name	Units	Analytical Method												
SOLIDS, PERCENT	%	ASTM D2216	35.4		43.3		50.4		54		37.2		50.5	
SOLIDS, PERCENT	%	E160.3	39		38.9		49.1		52.8		38.7		49.4	
NITROGEN, AMMONIA (AS N)	mg/kg	E350.1	725	J	1060	J	979	J	697	J	1230	J	940	J
TOTAL ORGANIC CARBON	mg/kg	Lloyd Kahn	72200	J	73600	J	77700		80200		104000	J	81100	J
MERCURY	mg/kg	SW7471	18.1	J	21.7	J	3.2	J	3.1		26.8	J	48.3	J
AROCLOR-1016	ug/kg	SW8082	42	UJ	42	UJ	34	UJ	31	U	430	UJ	200	UJ
AROCLOR-1221	ug/kg	SW8082	42	UJ	42	UJ	34	UJ	31	U	430	UJ	200	UJ
AROCLOR-1232	ug/kg	SW8082	42	UJ	42	UJ	34	UJ	31	U	430	UJ	200	UJ
AROCLOR-1242	ug/kg	SW8082	42	UJ	42	UJ	34	UJ	31	U	430	UJ	200	UJ
AROCLOR-1248	ug/kg	SW8082	42	UJ	42	UJ	34	UJ	31	U	1500	J	1200	J
AROCLOR-1254	ug/kg	SW8082	42	UJ	42	UJ	34	UJ	31	U	430	UJ	200	UJ
AROCLOR-1260	ug/kg	SW8082	42	UJ	86	J	120	J	31	UJ	1200	J	730	J
AROCLOR-1268	ug/kg	SW8082	42	UJ	42	UJ	34	UJ	31	U	430	UJ	200	UJ
PCBS, N.O.S.	ug/kg	SW8082	42	UJ	86	J	120	J	31	U	2700	J	1930	J
1,2,3-TRICHLOROBENZENE	ug/kg	SW8260	1300	J	3200	UJ	2500	UJ	470	U	13000	UJ	5100	UJ
1,2,4-TRICHLOROBENZENE	ug/kg	SW8260	6400	J	820	J	2500	UJ	470	U	54000	J	2800	J
1,2-DICHLOROBENZENE	ug/kg	SW8260	50000	J	23000	J	1700	J	470	U	32000	J	29000	J
1,3,5-TRICHLOROBENZENE	ug/kg	SW8260	3200	UJ	3200	UJ	2500	UJ	470	U	13000	UJ	5100	UJ
1,3-DICHLOROBENZENE	ug/kg	SW8260	3200	UJ	3200	UJ	2500	UJ	470	U	8700	J	5100	UJ
1,4-DICHLOROBENZENE	ug/kg	SW8260	67000	J	12000	J	2700	J	470	U	77000	J	41000	J
BENZENE	ug/kg	SW8260	1300	J	3200	UJ	2500	UJ	75	J	2500	J	1900	J
CHLOROBENZENE	ug/kg	SW8260	41000	J	3900	J	1900	J	470	U	23000	J	34000	J
ETHYLBENZENE	ug/kg	SW8260	1600	J	540	J	610	J	82	J	3700	J	2600	J
NAPHTHALENE	ug/kg	SW8260	120000	J	62000	J	47000	J	18000		240000	J	110000	J
TOLUENE	ug/kg	SW8260	3300	J	630	J	2500	UJ	120	J	6500	J	4000	J
XYLENES, TOTAL	ug/kg	SW8260	33000	J	8300	J	3400	J	840	J	56000	J	31000	J
ACENAPHTHENE	ug/kg	SW8270	220	J	270	J	1300	J	2500		860	UJ	800	J
ACENAPHTHYLENE	ug/kg	SW8270	780	J	700	J	1200	J	1200		1100	J	1700	J
ANTHRACENE	ug/kg	SW8270	1500	J	1300	J	2700	J	4200		10000	J	6200	J
BENZO(A)ANTHRACENE	ug/kg	SW8270	770	J	520	J	3300	J	4100		1300	J	1800	J
BENZO(A)PYRENE	ug/kg	SW8270	580	J	380	J	2900	J	2900		810	J	1400	J
BENZO(B)FLUORANTHENE	ug/kg	SW8270	830	J	600	J	3700	J	3400		1300	J	1900	J
BENZO(G,H,I)PERYLENE	ug/kg	SW8270	340	J	200	J	1200	J	1200		390	J	680	J
BENZO(K)FLUORANTHENE	ug/kg	SW8270	370	J	280	J	1500	J	1200		550	J	830	J
CHRYSENE	ug/kg	SW8270	1200	J	890	J	3500	J	4100		2100	J	2400	J
DIBENZO(A,H)ANTHRACENE	ug/kg	SW8270	99	J	61	J	470	J	450		860	UJ	330	J
FLUORANTHENE	ug/kg	SW8270	1800	J	1800	J	6600	J	7900		4400	J	6000	J
FLUORENE	ug/kg	SW8270	170	UJ	86	UJ	1400	J	2800		860	UJ	680	UJ
INDENO(1,2,3-CD)PYRENE	ug/kg	SW8270	270	J	170	J	1100	J	1100		420	J	730	J
PHENANTHRENE	ug/kg	SW8270	3300	J	2800	J	6900	J	12000		6300	J	6700	J
PHENOL	ug/kg	SW8270	2000	J	520	J	340	UJ	320	U	860	UJ	680	UJ
PYRENE	ug/kg	SW8270	2200	J	1400	J	7100	J	8900		4000	J	4800	J
SULFIDE	mg/kg	SW9030	123	J	391	J	2690	J	3620		269	J	64.8	J
pH	S.U.	SW9045	10.6		8.8		8.2		7.7		8.3		8.8	

Table 3A
Onondaga Lake Phase II Pre-Design Investigation
Summary of Sediment Analytical Results

		Location	OL-VC-70033		OL-VC-70033		OL-VC-70033		OL-VC-70033		OL-VC-70034		OL-VC-70034	
		Sample Depth	6.6-9.9 Ft		9.9-13.2 Ft		13.2-16.5 Ft		16.5-19.8 Ft		0.0-3.3 Ft		3.3-6.6 Ft	
		Field Sample ID	OL-0153-16		OL-0153-17		OL-0153-18		OL-0153-19		OL-0153-07		OL-0153-08	
		Matrix	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
		Sample Purpose	Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample	
		Sample Date	8/18/2006		8/18/2006		8/18/2006		8/18/2006		8/18/2006		8/18/2006	
		Sample Delivery Group	6H190158 C6H190167		6H190158 C6H190167		6H190158 C6H190167		6H190158 C6H190167		6H190158 C6H190167		6H190158 C6H190167	
Parameter Name	Units	Analytical Method												
SOLIDS, PERCENT	%	ASTM D2216	46.7		29.8		44.9		51.5		38.9		49	
SOLIDS, PERCENT	%	E160.3	43.3		35.1		45.1		53.5		40.2		48.2	
NITROGEN, AMMONIA (AS N)	mg/kg	E350.1	420	J	1020	J	916	J	843	J	869	J	999	J
TOTAL ORGANIC CARBON	mg/kg	Lloyd Kahn	47900	J	52100	J	58000	J	76000	J	101000	J	71700	J
MERCURY	mg/kg	SW7471	16.7	J	23	J	9.5	J	2.4		36.4	J	56.3	J
AROCLOR-1016	ug/kg	SW8082	38	UJ	47	UJ	37	UJ	31	U	820	UJ	340	UJ
AROCLOR-1221	ug/kg	SW8082	38	UJ	47	UJ	37	UJ	31	U	820	UJ	340	UJ
AROCLOR-1232	ug/kg	SW8082	38	UJ	47	UJ	37	UJ	31	U	820	UJ	340	UJ
AROCLOR-1242	ug/kg	SW8082	38	UJ	47	UJ	37	UJ	31	U	820	UJ	340	UJ
AROCLOR-1248	ug/kg	SW8082	300	J	47	UJ	37	UJ	31	U	3800	J	1000	J
AROCLOR-1254	ug/kg	SW8082	130	J	47	UJ	37	UJ	31	U	820	UJ	340	UJ
AROCLOR-1260	ug/kg	SW8082	38	UJ	140	J	320	J	60		1700	J	730	J
AROCLOR-1268	ug/kg	SW8082	38	UJ	47	UJ	37	UJ	31	U	820	UJ	340	UJ
PCBS, N.O.S.	ug/kg	SW8082	430	J	140	J	320	J	60		5500	J	1730	J
1,2,3-TRICHLOROBENZENE	ug/kg	SW8260	2900	UJ	3600	UJ	550	UJ	470	U	12000	UJ	5200	UJ
1,2,4-TRICHLOROBENZENE	ug/kg	SW8260	9900	J	2800	J	220	J	470	U	28000	J	2300	J
1,2-DICHLOROBENZENE	ug/kg	SW8260	54000	J	31000	J	1900	J	140	J	93000	J	20000	J
1,3,5-TRICHLOROBENZENE	ug/kg	SW8260	2900	UJ	3600	UJ	550	UJ	470	U	12000	UJ	5200	UJ
1,3-DICHLOROBENZENE	ug/kg	SW8260	2900	UJ	3600	UJ	550	UJ	74	J	12000	UJ	5200	UJ
1,4-DICHLOROBENZENE	ug/kg	SW8260	87000	J	43000	J	2700	J	420	J	190000	J	31000	J
BENZENE	ug/kg	SW8260	950	J	1500	J	590	J	130	J	4500	J	1300	J
CHLOROBENZENE	ug/kg	SW8260	29000	J	31000	J	2600	J	210	J	38000	J	24000	J
ETHYLBENZENE	ug/kg	SW8260	900	J	2000	J	420	J	280	J	5800	J	1300	J
NAPHTHALENE	ug/kg	SW8260	58000	J	75000	J	9900	J	14000		320000	J	61000	J
TOLUENE	ug/kg	SW8260	2500	J	3600	J	430	J	130	J	13000	J	2800	J
XYLENES, TOTAL	ug/kg	SW8260	21000	J	30000	J	3500	J	1500		71000	J	20000	J
ACENAPHTHENE	ug/kg	SW8270	230	J	230	J	610	J	2500		830	UJ	590	J
ACENAPHTHYLENE	ug/kg	SW8270	890	J	550	J	870	J	2100		1100	J	1500	J
ANTHRACENE	ug/kg	SW8270	1900	J	1000	J	1400	J	4400		11000	J	4600	J
BENZO(A)ANTHRACENE	ug/kg	SW8270	760	J	340	J	1300	J	4200		1600	J	1600	J
BENZO(A)PYRENE	ug/kg	SW8270	460	J	230	J	1200	J	3000		720	J	1200	J
BENZO(B)FLUORANTHENE	ug/kg	SW8270	710	J	370	J	1600	J	3700		1300	J	1600	J
BENZO(G,H,I)PERYLENE	ug/kg	SW8270	250	J	100	J	460	J	1300	J	560	J	630	J
BENZO(K)FLUORANTHENE	ug/kg	SW8270	260	J	150	J	690	J	1700		550	J	550	J
CHRYSENE	ug/kg	SW8270	1300	J	540	J	1700	J	4800		2200	J	2000	J
DIBENZO(A,H)ANTHRACENE	ug/kg	SW8270	42	J	30	J	130	J	450	J	200	J	250	J
FLUORANTHENE	ug/kg	SW8270	2200	J	1200	J	2600	J	8000		4000	J	5200	J
FLUORENE	ug/kg	SW8270	150	UJ	48	UJ	150	UJ	3100		830	UJ	690	UJ
INDENO(1,2,3-CD)PYRENE	ug/kg	SW8270	210	J	87	J	430	J	1300	J	450	J	590	J
PHENANTHRENE	ug/kg	SW8270	3600	J	2200	J	3100	J	9900		6100	J	5800	J
PHENOL	ug/kg	SW8270	4600	J	270	J	84	J	620	U	830	UJ	280	J
PYRENE	ug/kg	SW8270	2100	J	780	J	2200	J	10000	J	3900	J	4100	J
SULFIDE	mg/kg	SW9030	129	J	205	J	976	J	1170		3120	J	1730	J
pH	S.U.	SW9045	11.2		9.6		8.9		8		8.6		8.7	

Table 3A
Onondaga Lake Phase II Pre-Design Investigation
Summary of Sediment Analytical Results

		Location	OL-VC-70034		OL-VC-70034		OL-VC-70034		OL-VC-70034		OL-VC-70034	
		Sample Depth	3.3-6.6 Ft		6.6-9.9 Ft		9.9-13.2 Ft		13.2-16.5 Ft		16.5-19.2 Ft	
		Field Sample ID	OL-0153-09		OL-0153-10		OL-0153-11		OL-0153-12		OL-0153-13	
		Matrix	SOIL		SOIL		SOIL		SOIL		SOIL	
		Sample Purpose	Field Duplicate		Regular Sample		Regular Sample		Regular Sample		Regular Sample	
		Sample Date	8/18/2006		8/18/2006		8/18/2006		8/18/2006		8/18/2006	
		Sample Delivery Group	6H190158 C6H190167		6H190158 C6H190167		6H190158 C6H190167		6H190158 C6H190167		6H190158 C6H190167	
Parameter Name	Units	Analytical Method										
SOLIDS, PERCENT	%	ASTM D2216	50.4		42.1		37.4		45.7		50	
SOLIDS, PERCENT	%	E160.3	49		35.1		35.2		45.9		50	
NITROGEN, AMMONIA (AS N)	mg/kg	E350.1	1490	J	896	J	1010	J	907	J	983	J
TOTAL ORGANIC CARBON	mg/kg	Lloyd Kahn	75100		43500	J	43200	J	53000	J	58600	J
MERCURY	mg/kg	SW7471	62.4	J	21.7	J	24.9	J	3.9	J	3	
AROCLOR-1016	ug/kg	SW8082	34	UJ	47	UJ	47	UJ	36	UJ	33	U
AROCLOR-1221	ug/kg	SW8082	34	UJ	47	UJ	47	UJ	36	UJ	33	U
AROCLOR-1232	ug/kg	SW8082	34	UJ	47	UJ	47	UJ	36	UJ	33	U
AROCLOR-1242	ug/kg	SW8082	34	UJ	47	UJ	47	UJ	36	UJ	33	U
AROCLOR-1248	ug/kg	SW8082	34	UJ	47	UJ	47	UJ	36	UJ	33	U
AROCLOR-1254	ug/kg	SW8082	34	UJ	47	UJ	47	UJ	36	UJ	33	U
AROCLOR-1260	ug/kg	SW8082	34	UJ	47	UJ	47	UJ	36	UJ	33	U
AROCLOR-1268	ug/kg	SW8082	34	UJ	47	UJ	47	UJ	36	UJ	33	U
PCBS, N.O.S.	ug/kg	SW8082	34	UJ	47	UJ	47	UJ	36	UJ	33	U
1,2,3-TRICHLOROBENZENE	ug/kg	SW8260	2500	UJ	3600	UJ	3600	UJ	550	UJ	500	UJ
1,2,4-TRICHLOROBENZENE	ug/kg	SW8260	1700	J	3200	J	5600	J	230	J	740	J
1,2-DICHLOROBENZENE	ug/kg	SW8260	22000	J	27000	J	35000	J	240	J	97	J
1,3,5-TRICHLOROBENZENE	ug/kg	SW8260	2500	UJ	3600	UJ	3600	UJ	550	UJ	500	U
1,3-DICHLOROBENZENE	ug/kg	SW8260	2500	UJ	3600	UJ	3600	UJ	550	UJ	500	U
1,4-DICHLOROBENZENE	ug/kg	SW8260	31000	J	32000	J	45000	J	400	J	260	J
BENZENE	ug/kg	SW8260	1200	J	800	J	1500	J	270	J	170	J
CHLOROBENZENE	ug/kg	SW8260	25000	J	20000	J	32000	J	340	J	120	J
ETHYLBENZENE	ug/kg	SW8260	1400	J	900	J	1700	J	140	J	240	J
NAPHTHALENE	ug/kg	SW8260	54000	J	64000	J	99000	J	4700	J	16000	J
TOLUENE	ug/kg	SW8260	2900	J	2300	J	3800	J	200	J	200	J
XYLENES, TOTAL	ug/kg	SW8260	21000	J	21000	J	31000	J	1100	J	1600	
ACENAPHTHENE	ug/kg	SW8270	420	J	920	J	19	UJ	15	UJ	1600	
ACENAPHTHYLENE	ug/kg	SW8270	280	J	390	J	19	UJ	15	UJ	1500	
ANTHRACENE	ug/kg	SW8270	1100	J	2000	J	11	J	15	UJ	2800	
BENZO(A)ANTHRACENE	ug/kg	SW8270	980	J	2000	J	10	J	4.4	J	3100	
BENZO(A)PYRENE	ug/kg	SW8270	690	J	1300	J	6.4	J	15	UJ	2400	
BENZO(B)FLUORANTHENE	ug/kg	SW8270	930	J	1400	J	8.2	J	15	UJ	2900	
BENZO(G,H,I)PERYLENE	ug/kg	SW8270	370	J	570	J	19	UJ	15	UJ	1200	J
BENZO(K)FLUORANTHENE	ug/kg	SW8270	270	UJ	540	J	19	UJ	15	UJ	1100	
CHRYSENE	ug/kg	SW8270	1000	J	2000	J	9.4	J	3.6	J	3300	
DIBENZO(A,H)ANTHRACENE	ug/kg	SW8270	110	J	220	J	19	UJ	15	UJ	340	J
FLUORANTHENE	ug/kg	SW8270	2400	J	4000	J	22	J	7.4	J	6800	
FLUORENE	ug/kg	SW8270	880	J	1700	J	10	J	15	UJ	670	U
INDENO(1,2,3-CD)PYRENE	ug/kg	SW8270	290	J	470	J	19	UJ	15	UJ	1100	J
PHENANTHRENE	ug/kg	SW8270	2800	J	6300	J	32	J	13	J	6200	
PHENOL	ug/kg	SW8270	270	UJ	190	UJ	19	UJ	15	UJ	670	U
PYRENE	ug/kg	SW8270	2000	J	4200	J	14	J	5.9	J	5700	J
SULFIDE	mg/kg	SW9030	1040	J	160	J	114	J	1170	J	2000	
pH	S.U.	SW9045	8.9		10.6		9.8		8.4		7.9	

Table 3A
Onondaga Lake Phase II Pre-Design Investigation
Summary of Sediment Analytical Results

		Location	OL-VC-80023		OL-VC-80024		OL-VC-80025		OL-VC-80026		OL-VC-80027		OL-VC-80028	
		Sample Depth	0.0-0.5 Ft		0.0-0.5 Ft		0.0-0.5 Ft		0.0-0.5 Ft		0.0-0.5 Ft		0.0-0.5 Ft	
		Field Sample ID	OL-0207-01		OL-0207-02		OL-0207-03		OL-0207-04		OL-0207-05		OL-0207-10	
		Matrix	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
		Sample Purpose	Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample	
		Sample Date	10/9/2006		10/9/2006		10/9/2006		10/9/2006		10/9/2006		10/9/2006	
		Sample Delivery Group	6J100156 C6J100162		6J100156 C6J100162		6J100156 C6J100162		6J100156 C6J100162		6J100156 C6J100162		6J100156 C6J100162	
Parameter Name	Units	Analytical Method												
SOLIDS, PERCENT	%	ASTM D2216	21		25.7		24.3		23.5		25.3		31.8	
SOLIDS, PERCENT	%	E160.3	24		25.6		24.5		23		23.6		27.6	
NITROGEN, AMMONIA (AS N)	mg/kg	E350.1	337	J	369	J	389	J	480	J	643	J	548	J
TOTAL ORGANIC CARBON	mg/kg	Lloyd Kahn	46500	J	37400	J	41900	J	47200	J	64300	J	48200	J
MERCURY	mg/kg	SW7471	1.3	J	1.8	J	1.9	J	1.9	J	5.2	J	5	J
AROCLOR-1016	ug/kg	SW8082	69	UJ	65	UJ	67	UJ	72	UJ	70	UJ	60	UJ
AROCLOR-1221	ug/kg	SW8082	69	UJ	65	UJ	67	UJ	72	UJ	70	UJ	60	UJ
AROCLOR-1232	ug/kg	SW8082	69	UJ	65	UJ	67	UJ	72	UJ	70	UJ	60	UJ
AROCLOR-1242	ug/kg	SW8082	69	UJ	65	UJ	67	UJ	72	UJ	70	UJ	60	UJ
AROCLOR-1248	ug/kg	SW8082	140	J	140	J	140	J	210	J	340	J	330	J
AROCLOR-1254	ug/kg	SW8082	69	UJ	65	UJ	67	UJ	72	UJ	70	UJ	60	UJ
AROCLOR-1260	ug/kg	SW8082	65	J	68	J	69	J	99	J	210	J	180	J
AROCLOR-1268	ug/kg	SW8082	69	UJ	65	UJ	67	UJ	72	UJ	70	UJ	60	UJ
PCBS, N.O.S.	ug/kg	SW8082	205	J	208	J	209	J	309	J	550	J	510	J
1,2,3-TRICHLOROBENZENE	ug/kg	SW8260	21	UJ	20	UJ	20	UJ	22	UJ	21	UJ	18	UJ
1,2,4-TRICHLOROBENZENE	ug/kg	SW8260	21	UJ	20	UJ	20	UJ	22	UJ	21	UJ	18	UJ
1,2-DICHLOROBENZENE	ug/kg	SW8260	21	UJ	20	UJ	20	UJ	22	UJ	21	UJ	18	UJ
1,3,5-TRICHLOROBENZENE	ug/kg	SW8260	21	UJ	20	UJ	20	UJ	22	UJ	21	UJ	18	UJ
1,3-DICHLOROBENZENE	ug/kg	SW8260	21	UJ	20	UJ	20	UJ	22	UJ	21	UJ	18	UJ
1,4-DICHLOROBENZENE	ug/kg	SW8260	3	J	20	UJ	3.1	J	7.4	J	24	J	23	J
BENZENE	ug/kg	SW8260	4.1	J	20	UJ	4.8	J	5.9	J	3.8	J	18	UJ
CHLOROBENZENE	ug/kg	SW8260	21	UJ	20	UJ	7.2	J	14	J	50	J	99	J
ETHYLBENZENE	ug/kg	SW8260	21	UJ	20	UJ	20	UJ	22	UJ	21	UJ	18	UJ
NAPHTHALENE	ug/kg	SW8260	230	J	23	J	16	J	14	J	10	J	4.7	J
TOLUENE	ug/kg	SW8260	21	UJ	20	UJ	20	UJ	22	UJ	21	UJ	18	UJ
XYLENES, TOTAL	ug/kg	SW8260	62	UJ	59	UJ	61	UJ	65	UJ	64	UJ	54	UJ
ACENAPHTHENE	ug/kg	SW8270	140	UJ	130	UJ	140	UJ	63	J	78	J	39	J
ACENAPHTHYLENE	ug/kg	SW8270	58	J	89	J	99	J	230	J	300	J	170	J
ANTHRACENE	ug/kg	SW8270	95	J	120	J	140	J	290	J	490	J	230	J
BENZO(A)ANTHRACENE	ug/kg	SW8270	330	J	370	J	380	J	830	J	1100	J	470	J
BENZO(A)PYRENE	ug/kg	SW8270	350	J	420	J	440	J	1000	J	1000	J	430	J
BENZO(B)FLUORANTHENE	ug/kg	SW8270	560	J	630	J	650	J	1400	J	1300	J	620	J
BENZO(G,H,I)PERYLENE	ug/kg	SW8270	310	J	360	J	380	J	830	J	850	J	380	J
BENZO(K)FLUORANTHENE	ug/kg	SW8270	200	J	230	J	250	J	530	J	560	J	190	J
CHRYSENE	ug/kg	SW8270	460	J	510	J	540	J	1200	J	1200	J	510	J
DIBENZO(A,H)ANTHRACENE	ug/kg	SW8270	65	J	78	J	82	J	180	J	180	J	81	J
FLUORANTHENE	ug/kg	SW8270	670	J	680	J	760	J	1500	J	1500	J	620	J
FLUORENE	ug/kg	SW8270	50	J	78	J	84	J	130	J	160	J	98	J
INDENO(1,2,3-CD)PYRENE	ug/kg	SW8270	260	J	300	J	300	J	660	J	670	J	300	J
PHENANTHRENE	ug/kg	SW8270	240	J	270	J	300	J	560	J	630	J	280	J
PHENOL	ug/kg	SW8270	140	UJ	130	UJ	140	UJ	150	UJ	140	UJ	60	UJ
PYRENE	ug/kg	SW8270	720	J	800	J	910	J	1800	J	1900	J	790	J
SULFIDE	mg/kg	SW9030	1000	J	626	J	327	J	1220	J	2210	J	544	UJ
pH	S.U.	SW9045	7.6		7.6		7.7		7.5		7.6		7.6	

Table 3A
Onondaga Lake Phase II Pre-Design Investigation
Summary of Sediment Analytical Results

		Location	OL-VC-80028		OL-VC-80028		OL-VC-80028		OL-VC-80028		OL-VC-80028		OL-VC-80028	
		Sample Depth	0.5-3.3 Ft		3.3-6.6 Ft		6.6-9.9 Ft		6.6-9.9 Ft		9.9-13.2 Ft		13.2-16.5 Ft	
		Field Sample ID	OL-0207-11		OL-0207-12		OL-0207-13		OL-0207-14		OL-0207-15		OL-0207-16	
		Matrix	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
		Sample Purpose	Regular Sample		Regular Sample		Regular Sample		Field Duplicate		Regular Sample		Regular Sample	
		Sample Date	10/9/2006		10/9/2006		10/9/2006		10/9/2006		10/9/2006		10/9/2006	
		Sample Delivery Group	6J100156 C6J100162		6J100156 C6J100162		6J100156 C6J100162		6J100156 C6J100162		6J100156 C6J100162		6J100156 C6J100162	
Parameter Name	Units	Analytical Method												
SOLIDS, PERCENT	%	ASTM D2216	30.1		39		30.3		30.9		48.1		52.4	
SOLIDS, PERCENT	%	E160.3	29.4		43.5		35.9		34.9		49.3		53.2	
NITROGEN, AMMONIA (AS N)	mg/kg	E350.1	870	J	415	J	273	J	298	J	191	J	95.3	
TOTAL ORGANIC CARBON	mg/kg	Lloyd Kahn	62300	J	51300	J	37200	J	52500	J	39900	J	31600	J
MERCURY	mg/kg	SW7471	30.2	J	1.4	J	2.2	J	1.7	J	0.18	J	0.024	J
AROCLOR-1016	ug/kg	SW8082	1100	UJ	380	UJ	46	UJ	47	UJ	33	UJ	31	U
AROCLOR-1221	ug/kg	SW8082	1100	UJ	380	UJ	46	UJ	47	UJ	33	UJ	31	U
AROCLOR-1232	ug/kg	SW8082	1100	UJ	380	UJ	46	UJ	47	UJ	33	UJ	31	U
AROCLOR-1242	ug/kg	SW8082	1100	UJ	380	UJ	46	UJ	47	UJ	33	UJ	31	U
AROCLOR-1248	ug/kg	SW8082	5300	J	860	J	46	UJ	47	UJ	33	UJ	31	U
AROCLOR-1254	ug/kg	SW8082	1100	UJ	380	UJ	46	UJ	47	UJ	33	UJ	31	U
AROCLOR-1260	ug/kg	SW8082	2300	J	1100	J	46	UJ	47	UJ	33	UJ	31	U
AROCLOR-1268	ug/kg	SW8082	1100	UJ	380	UJ	46	UJ	47	UJ	33	UJ	31	U
PCBS, N.O.S.	ug/kg	SW8082	7600	J	1960	J	46	UJ	47	UJ	33	UJ	31	U
1,2,3-TRICHLOROBENZENE	ug/kg	SW8260	850	UJ	5700	UJ	3500	UJ	3600	UJ	10	UJ	9.4	U
1,2,4-TRICHLOROBENZENE	ug/kg	SW8260	850	UJ	5700	UJ	3500	UJ	3600	UJ	10	UJ	9.4	U
1,2-DICHLOROBENZENE	ug/kg	SW8260	850	UJ	5700	UJ	3500	UJ	3600	UJ	10	UJ	9.4	U
1,3,5-TRICHLOROBENZENE	ug/kg	SW8260	850	UJ	5700	UJ	3500	UJ	3600	UJ	10	UJ	9.4	U
1,3-DICHLOROBENZENE	ug/kg	SW8260	830	J	5700	UJ	3500	UJ	3600	UJ	10	UJ	9.4	U
1,4-DICHLOROBENZENE	ug/kg	SW8260	5400	J	680	J	3500	UJ	3600	UJ	10	UJ	9.4	U
BENZENE	ug/kg	SW8260	270	J	5700	UJ	3500	UJ	3600	UJ	10	UJ	9.4	U
CHLOROBENZENE	ug/kg	SW8260	3200	J	5700	UJ	3500	UJ	3600	UJ	10	UJ	9.4	U
ETHYLBENZENE	ug/kg	SW8260	620	J	1700	J	3500	UJ	3600	UJ	10	UJ	9.4	U
NAPHTHALENE	ug/kg	SW8260	12000	J	120000	J	53000	J	50000	J	7.1	J	9.4	U
TOLUENE	ug/kg	SW8260	120	J	1900	J	3500	UJ	430	J	10	UJ	9.4	U
XYLENES, TOTAL	ug/kg	SW8260	6600	J	15000	J	1900	J	3100	J	30	UJ	28	U
ACENAPHTHENE	ug/kg	SW8270	580	J	800	J	6100	J	5200	J	52	J	6.3	U
ACENAPHTHYLENE	ug/kg	SW8270	650	J	2200	J	2000	J	1600	J	40	J	6.3	U
ANTHRACENE	ug/kg	SW8270	2800	J	3000	J	7100	J	5900	J	120	J	6.3	U
BENZO(A)ANTHRACENE	ug/kg	SW8270	2500	J	2500	J	6300	J	4200	J	240	J	6.3	U
BENZO(A)PYRENE	ug/kg	SW8270	1700	J	1300	J	3500	J	2100	J	240	J	6.3	U
BENZO(B)FLUORANTHENE	ug/kg	SW8270	2400	J	1600	J	4700	J	2800	J	220	J	6.3	U
BENZO(G,H,I)PERYLENE	ug/kg	SW8270	1300	J	780	J	2400	J	1300	J	180	J	1.2	J
BENZO(K)FLUORANTHENE	ug/kg	SW8270	820	J	540	J	1500	J	960	J	14	UJ	6.3	U
CHRYSENE	ug/kg	SW8270	3000	J	2800	J	6100	J	4000	J	200	J	6.3	U
DIBENZO(A,H)ANTHRACENE	ug/kg	SW8270	310	J	250	J	830	J	520	J	36	J	6.3	U
FLUORANTHENE	ug/kg	SW8270	4600	J	4800	J	16000	J	12000	J	250	J	6.3	U
FLUORENE	ug/kg	SW8270	230	UJ	150	UJ	11000	J	9700	J	130	J	3	J
INDENO(1,2,3-CD)PYRENE	ug/kg	SW8270	990	J	730	J	2100	J	1300	J	110	J	6.3	U
PHENANTHRENE	ug/kg	SW8270	3900	J	6500	J	25000	J	20000	J	330	J	5	J
PHENOL	ug/kg	SW8270	230	UJ	75	J	460	UJ	99	J	14	UJ	6.3	U
PYRENE	ug/kg	SW8270	4600	J	3800	J	8200	J	6900	J	490	J	1.9	J
SULFIDE	mg/kg	SW9030	3000	J	92	J	418	UJ	115	J	304	UJ	282	UJ
pH	S.U.	SW9045	7.8		8.2		9.6		9.6		8.4		7.8	

Table 3A
Onondaga Lake Phase II Pre-Design Investigation
Summary of Sediment Analytical Results

		Location	OL-VC-80028		OL-VC-80029		OL-VC-80029		OL-VC-80029		OL-VC-80029		OL-VC-80029	
		Sample Depth	16.5-17.2 Ft		0.0-0.5 Ft		0.5-3.3 Ft		3.3-6.6 Ft		6.6-9.9 Ft		9.9-13.2 Ft	
		Field Sample ID	OL-0207-17		OL-0207-18		OL-0207-19		OL-0207-20		OL-0208-01		OL-0208-02	
		Matrix	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
		Sample Purpose	Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample	
		Sample Date	10/9/2006		10/9/2006		10/9/2006		10/9/2006		10/9/2006		10/9/2006	
		Sample Delivery Group	6J100156 C6J100162		6J100156 C6J100162		6J100156 C6J100162		6J100156 C6J100162		6J100157 C6J100163		6J100157 C6J100163	
Parameter Name	Units	Analytical Method												
SOLIDS, PERCENT	%	ASTM D2216	56.4		36.2		25.2		32.3		31.7		45	
SOLIDS, PERCENT	%	E160.3	55.4		36.4		27.6		35.9		35.8		47.9	
NITROGEN, AMMONIA (AS N)	mg/kg	E350.1	61.9		977	J	713	J	468	J	452	J	302	J
TOTAL ORGANIC CARBON	mg/kg	Lloyd Kahn	26500	J	63300	J	47900	J	69700	J	45700	J	43600	J
MERCURY	mg/kg	SW7471	0.021	J	28.5	J	0.74	J	0.97	J	0.93	J	1.3	J
AROCLOR-1016	ug/kg	SW8082	30	U	450	UJ	60	UJ	46	UJ	46	UJ	34	UJ
AROCLOR-1221	ug/kg	SW8082	30	U	450	UJ	60	UJ	46	UJ	46	UJ	34	UJ
AROCLOR-1232	ug/kg	SW8082	30	U	450	UJ	60	UJ	46	UJ	46	UJ	34	UJ
AROCLOR-1242	ug/kg	SW8082	30	U	450	UJ	60	UJ	46	UJ	46	UJ	34	UJ
AROCLOR-1248	ug/kg	SW8082	30	U	280	J	53	J	44	J	46	UJ	34	UJ
AROCLOR-1254	ug/kg	SW8082	30	U	450	UJ	60	UJ	46	UJ	21	J	34	UJ
AROCLOR-1260	ug/kg	SW8082	30	U	92	J	60	UJ	46	UJ	15	J	34	UJ
AROCLOR-1268	ug/kg	SW8082	30	U	450	UJ	60	UJ	46	UJ	46	UJ	34	UJ
PCBS, N.O.S.	ug/kg	SW8082	30	U	372	J	53	J	44	J	36	J	34	UJ
1,2,3-TRICHLOROBENZENE	ug/kg	SW8260	9	U	3400	UJ	4500	UJ	7000	UJ	7000	UJ	26000	UJ
1,2,4-TRICHLOROBENZENE	ug/kg	SW8260	9	U	3400	UJ	4500	UJ	7000	UJ	7000	UJ	26000	UJ
1,2-DICHLOROBENZENE	ug/kg	SW8260	9	U	1100	J	1500	J	2200	J	18000	J	11000	J
1,3,5-TRICHLOROBENZENE	ug/kg	SW8260	9	U	3400	UJ	4500	UJ	7000	UJ	7000	UJ	26000	UJ
1,3-DICHLOROBENZENE	ug/kg	SW8260	9	U	390	J	4500	UJ	7000	UJ	7000	UJ	26000	UJ
1,4-DICHLOROBENZENE	ug/kg	SW8260	9	U	2900	J	2900	J	2700	J	18000	J	13000	J
BENZENE	ug/kg	SW8260	9	U	1600	J	1500	J	1600	J	2800	J	4700	J
CHLOROBENZENE	ug/kg	SW8260	9	U	1500	J	1100	J	2600	J	13000	J	12000	J
ETHYLBENZENE	ug/kg	SW8260	9	U	1700	J	4500	UJ	7000	UJ	7000	UJ	5200	J
NAPHTHALENE	ug/kg	SW8260	9	U	55000	J	96000	J	120000	J	200000	J	540000	J
TOLUENE	ug/kg	SW8260	9	U	1900	J	4200	J	8500	J	17000	J	16000	J
XYLENES, TOTAL	ug/kg	SW8260	27	U	26000	J	43000	J	60000	J	120000	J	110000	J
ACENAPHTHENE	ug/kg	SW8270	6	U	690	J	76	J	120	J	660	J	1000	J
ACENAPHTHYLENE	ug/kg	SW8270	6	U	970	J	920	J	1700	J	2000	J	2800	J
ANTHRACENE	ug/kg	SW8270	6	U	1600	J	1100	J	2100	J	2000	J	3000	J
BENZO(A)ANTHRACENE	ug/kg	SW8270	6	U	2500	J	340	J	440	J	830	J	1100	J
BENZO(A)PYRENE	ug/kg	SW8270	6	U	1800	J	150	J	270	J	510	J	670	J
BENZO(B)FLUORANTHENE	ug/kg	SW8270	1.3	J	2200	J	190	J	360	J	820	J	1100	J
BENZO(G,H,I)PERYLENE	ug/kg	SW8270	1.2	J	1300	J	110	J	200	J	330	J	450	J
BENZO(K)FLUORANTHENE	ug/kg	SW8270	6	U	940	J	78	J	150	J	190	UJ	350	UJ
CHRYSENE	ug/kg	SW8270	1.5	J	2800	J	490	J	740	J	760	J	1000	J
DIBENZO(A,H)ANTHRACENE	ug/kg	SW8270	6	U	330	J	29	J	64	J	110	J	160	J
FLUORANTHENE	ug/kg	SW8270	2.1	J	4900	J	1000	J	1700	J	2000	J	2200	J
FLUORENE	ug/kg	SW8270	2.4	J	1100	J	120	UJ	280	UJ	1300	J	2200	J
INDENO(1,2,3-CD)PYRENE	ug/kg	SW8270	6	U	1100	J	83	J	160	J	300	J	420	J
PHENANTHRENE	ug/kg	SW8270	4.9	J	3900	J	1400	J	2500	J	4000	J	4600	J
PHENOL	ug/kg	SW8270	6	U	85	J	4600	J	8000	J	14000	J	8200	J
PYRENE	ug/kg	SW8270	1.9	J	5100	J	670	J	1200	J	1300	J	1400	J
SULFIDE	mg/kg	SW9030	271	UJ	2530	J	543	UJ	418	UJ	419	UJ	313	UJ
pH	S.U.	SW9045	7.6		9		10.7		11.4		11.2		10.8	

Table 3A
Onondaga Lake Phase II Pre-Design Investigation
Summary of Sediment Analytical Results

		Location	OL-VC-80029		OL-VC-80029		OL-VC-80029		OL-VC-80030		OL-VC-80030		OL-VC-80030	
		Sample Depth	13.2-16.5 Ft		16.5-20.0 Ft		13.2-16.5 Ft		0.0-0.5 Ft		0.5-3.3 Ft		3.3-6.6 Ft	
		Field Sample ID	OL-0208-03		OL-0208-04		OL-0208-05		OL-0208-06		OL-0208-07		OL-0208-08	
		Matrix	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
		Sample Purpose	Regular Sample		Regular Sample		Field Duplicate		Regular Sample		Regular Sample		Regular Sample	
		Sample Date	10/9/2006		10/9/2006		10/9/2006		10/9/2006		10/9/2006		10/9/2006	
		Sample Delivery Group	6J100157 C6J100163		6J100157 C6J100163		6J100157 C6J100163		6J100157 C6J100163		6J100157 C6J100163		6J100157 C6J100163	
Parameter Name	Units	Analytical Method												
SOLIDS, PERCENT	%	ASTM D2216	31.9		31.1		35.7		34.9		32.4		28	
SOLIDS, PERCENT	%	E160.3	35.8		36.4		37.4		35.5		29.3		27.5	
NITROGEN, AMMONIA (AS N)	mg/kg	E350.1	425	J	474	J	447	J	1340	J	1100	J	601	J
TOTAL ORGANIC CARBON	mg/kg	Lloyd Kahn	37600	J	23300	J	39500	J	63700	J	26800	J	32000	J
MERCURY	mg/kg	SW7471	1.1	J	0.92	J	0.91	J	47	J	8.4	J	1.4	J
AROCLOR-1016	ug/kg	SW8082	46	UJ	45	UJ	44	UJ	460	UJ	56	UJ	60	UJ
AROCLOR-1221	ug/kg	SW8082	46	UJ	45	UJ	44	UJ	460	UJ	56	UJ	60	UJ
AROCLOR-1232	ug/kg	SW8082	46	UJ	45	UJ	44	UJ	460	UJ	56	UJ	60	UJ
AROCLOR-1242	ug/kg	SW8082	46	UJ	45	UJ	44	UJ	460	UJ	56	UJ	60	UJ
AROCLOR-1248	ug/kg	SW8082	46	UJ	45	UJ	44	UJ	2700	J	210	J	60	UJ
AROCLOR-1254	ug/kg	SW8082	46	UJ	45	UJ	44	UJ	460	UJ	56	UJ	60	UJ
AROCLOR-1260	ug/kg	SW8082	46	UJ	45	UJ	44	UJ	1600	J	310	J	60	UJ
AROCLOR-1268	ug/kg	SW8082	46	UJ	45	UJ	44	UJ	460	UJ	56	UJ	60	UJ
PCBS, N.O.S.	ug/kg	SW8082	46	UJ	45	UJ	44	UJ	4300	J	520	J	60	UJ
1,2,3-TRICHLOROBENZENE	ug/kg	SW8260	3500	UJ	6900	UJ	3300	UJ	700	UJ	8500	UJ	9100	UJ
1,2,4-TRICHLOROBENZENE	ug/kg	SW8260	3500	UJ	1600	J	3300	UJ	120	J	8500	UJ	9100	UJ
1,2-DICHLOROBENZENE	ug/kg	SW8260	2600	J	18000	J	1300	J	870	J	8500	UJ	13000	J
1,3,5-TRICHLOROBENZENE	ug/kg	SW8260	3500	UJ	6900	UJ	3300	UJ	700	UJ	8500	UJ	9100	UJ
1,3-DICHLOROBENZENE	ug/kg	SW8260	3500	UJ	6900	UJ	3300	UJ	350	J	8500	UJ	9100	UJ
1,4-DICHLOROBENZENE	ug/kg	SW8260	2700	J	11000	J	1300	J	1800	J	1300	J	7600	J
BENZENE	ug/kg	SW8260	3400	J	10000	J	2100	J	1500	J	1400	J	3300	J
CHLOROBENZENE	ug/kg	SW8260	2000	J	4800	J	900	J	1600	J	1300	J	4000	J
ETHYLBENZENE	ug/kg	SW8260	1100	J	6900	UJ	480	J	1300	J	1300	J	2300	J
NAPHTHALENE	ug/kg	SW8260	97000	J	210000	J	56000	J	28000	J	110000	J	250000	J
TOLUENE	ug/kg	SW8260	2900	J	4800	J	1300	J	1200	J	1600	J	3500	J
XYLENES, TOTAL	ug/kg	SW8260	22000	J	81000	J	11000	J	14000	J	17000	J	36000	J
ACENAPHTHENE	ug/kg	SW8270	1000	J	3200	J	870	J	1300	J	830	J	780	J
ACENAPHTHYLENE	ug/kg	SW8270	4600	J	2800	J	4300	J	1600	J	1800	J	2100	J
ANTHRACENE	ug/kg	SW8270	2500	J	6000	J	2000	J	2600	J	1700	J	1500	J
BENZO(A)ANTHRACENE	ug/kg	SW8270	1100	J	3700	J	1000	J	3400	J	2200	J	930	J
BENZO(A)PYRENE	ug/kg	SW8270	740	J	2600	J	660	J	3300	J	2000	J	650	J
BENZO(B)FLUORANTHENE	ug/kg	SW8270	1100	J	3000	J	1000	J	4100	J	2000	J	660	J
BENZO(G,H,I)PERYLENE	ug/kg	SW8270	490	J	1500	J	440	J	2400	J	1400	J	430	J
BENZO(K)FLUORANTHENE	ug/kg	SW8270	190	UJ	460	UJ	180	UJ	1700	J	1200	J	390	J
CHRYSENE	ug/kg	SW8270	960	J	3600	J	860	J	4400	J	2600	J	650	J
DIBENZO(A,H)ANTHRACENE	ug/kg	SW8270	160	J	410	J	150	J	530	J	370	J	270	J
FLUORANTHENE	ug/kg	SW8270	2400	J	9700	J	2000	J	7500	J	4900	J	1600	J
FLUORENE	ug/kg	SW8270	3000	J	6000	J	2700	J	1700	J	1400	J	1300	J
INDENO(1,2,3-CD)PYRENE	ug/kg	SW8270	450	J	1100	J	410	J	2300	J	1200	J	390	J
PHENANTHRENE	ug/kg	SW8270	6100	J	21000	J	4400	J	7900	J	5900	J	4000	J
PHENOL	ug/kg	SW8270	10000	J	14000	J	11000	J	820	J	7100	J	9400	J
PYRENE	ug/kg	SW8270	1500	J	8100	J	1400	J	6100	J	5000	J	900	J
SULFIDE	mg/kg	SW9030	419	UJ	412	UJ	401	UJ	422	UJ	511	UJ	545	UJ
pH	S.U.	SW9045	11		11.2		11		9.1		10.6		11.8	

Table 3A
Onondaga Lake Phase II Pre-Design Investigation
Summary of Sediment Analytical Results

		Location	OL-VC-80030		OL-VC-80030		OL-VC-80030		OL-VC-80030		OL-VC-80031		OL-VC-80031	
		Sample Depth	6.6-9.9 Ft		9.9-13.2 Ft		13.2-16.5 Ft		16.5-20.0 Ft		0.0-0.5 Ft		0.5-3.3 Ft	
		Field Sample ID	OL-0208-09		OL-0208-10		OL-0208-11		OL-0208-12		OL-0210-01		OL-0210-02	
		Matrix	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
		Sample Purpose	Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample	
		Sample Date	10/9/2006		10/9/2006		10/9/2006		10/9/2006		10/10/2006		10/10/2006	
		Sample Delivery Group	6J100157 C6J100163		6J100157 C6J100163		6J100157 C6J100163		6J100157 C6J100163		6J110192 C6J110204		6J110192 C6J110204	
Parameter Name	Units	Analytical Method												
SOLIDS, PERCENT	%	ASTM D2216	32.9		31		32.9		34.5		32.7		29	
SOLIDS, PERCENT	%	E160.3	32.6		32.2		35.1		38		34.9		29	
NITROGEN, AMMONIA (AS N)	mg/kg	E350.1	422	J	506	J	471	J	414	J	442	J	561	J
TOTAL ORGANIC CARBON	mg/kg	Lloyd Kahn	49900	J	38300	J	36500	J	47100	J	30500	J	16900	J
MERCURY	mg/kg	SW7471	0.89	J	0.44	J	0.46	J	0.75	J	1.3	J	1	J
AROCLOR-1016	ug/kg	SW8082	51	UJ	51	UJ	47	UJ	43	UJ	47	UJ	57	UJ
AROCLOR-1221	ug/kg	SW8082	51	UJ	51	UJ	47	UJ	43	UJ	47	UJ	57	UJ
AROCLOR-1232	ug/kg	SW8082	51	UJ	51	UJ	47	UJ	43	UJ	47	UJ	57	UJ
AROCLOR-1242	ug/kg	SW8082	51	UJ	51	UJ	47	UJ	43	UJ	47	UJ	57	UJ
AROCLOR-1248	ug/kg	SW8082	83	J	51	UJ	47	UJ	43	UJ	53	J	70	J
AROCLOR-1254	ug/kg	SW8082	59	J	51	UJ	47	UJ	43	UJ	47	UJ	79	J
AROCLOR-1260	ug/kg	SW8082	51	UJ	51	UJ	47	UJ	43	UJ	120	J	57	UJ
AROCLOR-1268	ug/kg	SW8082	51	UJ	51	UJ	47	UJ	43	UJ	47	UJ	57	UJ
PCBS, N.O.S.	ug/kg	SW8082	142	J	51	UJ	47	UJ	43	UJ	173	J	149	J
1,2,3-TRICHLOROBENZENE	ug/kg	SW8260	7700	UJ	7800	UJ	710	UJ	13000	UJ	7200	UJ	8600	UJ
1,2,4-TRICHLOROBENZENE	ug/kg	SW8260	7700	UJ	7800	UJ	710	UJ	13000	UJ	7200	UJ	1400	J
1,2-DICHLOROBENZENE	ug/kg	SW8260	32000	J	18000	J	210	J	10000	J	13000	J	20000	J
1,3,5-TRICHLOROBENZENE	ug/kg	SW8260	7700	UJ	7800	UJ	710	UJ	13000	UJ	7200	UJ	8600	UJ
1,3-DICHLOROBENZENE	ug/kg	SW8260	7700	UJ	7800	UJ	710	UJ	13000	UJ	7200	UJ	8600	UJ
1,4-DICHLOROBENZENE	ug/kg	SW8260	17000	J	16000	J	300	J	18000	J	29000	J	45000	J
BENZENE	ug/kg	SW8260	1500	J	1300	J	140	J	1900	J	1400	J	1800	J
CHLOROBENZENE	ug/kg	SW8260	4400	J	5900	J	160	J	14000	J	12000	J	15000	J
ETHYLBENZENE	ug/kg	SW8260	1000	J	7800	UJ	710	UJ	3200	J	990	J	8600	UJ
NAPHTHALENE	ug/kg	SW8260	160000	J	210000	J	16000	J	410000	J	130000	J	160000	J
TOLUENE	ug/kg	SW8260	2100	J	2500	J	200	J	7900	J	1800	J	2000	J
XYLENES, TOTAL	ug/kg	SW8260	17000	J	24000	J	2000	J	92000	J	18000	J	14000	J
ACENAPHTHENE	ug/kg	SW8270	850	J	470	J	490	J	790	J	430	J	350	J
ACENAPHTHYLENE	ug/kg	SW8270	3800	J	2700	J	4000	J	4300	J	2400	J	1400	J
ANTHRACENE	ug/kg	SW8270	1800	J	1100	J	960	J	1600	J	950	J	590	J
BENZO(A)ANTHRACENE	ug/kg	SW8270	840	J	770	J	500	J	750	J	640	J	230	J
BENZO(A)PYRENE	ug/kg	SW8270	410	J	390	J	240	J	410	J	450	J	97	J
BENZO(B)FLUORANTHENE	ug/kg	SW8270	480	J	470	J	280	J	690	J	670	J	130	J
BENZO(G,H,I)PERYLENE	ug/kg	SW8270	270	J	230	J	150	J	280	J	340	J	62	J
BENZO(K)FLUORANTHENE	ug/kg	SW8270	250	J	230	J	140	J	180	UJ	190	UJ	230	UJ
CHRYSENE	ug/kg	SW8270	620	J	620	J	400	J	660	J	690	J	200	J
DIBENZO(A,H)ANTHRACENE	ug/kg	SW8270	77	J	62	J	46	J	90	J	82	J	230	UJ
FLUORANTHENE	ug/kg	SW8270	2300	J	2000	J	1300	J	2300	J	1900	J	800	J
FLUORENE	ug/kg	SW8270	1700	J	1500	J	1500	J	1700	J	1100	J	730	J
INDENO(1,2,3-CD)PYRENE	ug/kg	SW8270	240	J	200	J	140	J	250	J	280	J	49	J
PHENANTHRENE	ug/kg	SW8270	5400	J	4200	J	3400	J	4700	J	3600	J	2200	J
PHENOL	ug/kg	SW8270	9300	J	6300	J	7100	J	8800	J	16000	J	7900	J
PYRENE	ug/kg	SW8270	1300	J	1200	J	750	J	1100	J	1400	J	580	J
SULFIDE	mg/kg	SW9030	460	UJ	465	UJ	427	UJ	395	UJ	429	UJ	517	UJ
pH	S.U.	SW9045	11.8		11.8		11.7		11.5		10.6		11.4	

Table 3A
Onondaga Lake Phase II Pre-Design Investigation
Summary of Sediment Analytical Results

		Location	OL-VC-80031		OL-VC-80031		OL-VC-80031		OL-VC-80031		OL-VC-80031		OL-VC-80031	
		Sample Depth	3.3-6.6 Ft		6.6-9.9 Ft		3.3-6.6 Ft		9.9-13.2 Ft		13.2-16.5 Ft		16.5-20.0 Ft	
		Field Sample ID	OL-0210-03		OL-0210-04		OL-0210-05		OL-0210-06		OL-0210-07		OL-0210-08	
		Matrix	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
		Sample Purpose	Regular Sample		Regular Sample		Field Duplicate		Regular Sample		Regular Sample		Regular Sample	
		Sample Date	10/10/2006		10/10/2006		10/10/2006		10/10/2006		10/10/2006		10/10/2006	
		Sample Delivery Group	6J110192 C6J110204		6J110192 C6J110204		6J110192 C6J110204		6J110192 C6J110204		6J110192 C6J110204		6J110192 C6J110204	
Parameter Name	Units	Analytical Method												
SOLIDS, PERCENT	%	ASTM D2216	34.1		33.7		34.7		41.5		38.3		41	
SOLIDS, PERCENT	%	E160.3	33.7		37.2		33		35.9		35.7		37.3	
NITROGEN, AMMONIA (AS N)	mg/kg	E350.1	470	J	448	J	528	J	520	J	474	J	409	J
TOTAL ORGANIC CARBON	mg/kg	Lloyd Kahn	22100	J	15600	J	27700	J	22900	J	19400	J	32200	J
MERCURY	mg/kg	SW7471	0.62	J	0.43	J	0.67	J	0.61	J	0.45	J	0.62	J
AROCLOR-1016	ug/kg	SW8082	49	UJ	44	UJ	50	UJ	46	UJ	46	UJ	44	UJ
AROCLOR-1221	ug/kg	SW8082	49	UJ	44	UJ	50	UJ	46	UJ	46	UJ	44	UJ
AROCLOR-1232	ug/kg	SW8082	49	UJ	44	UJ	50	UJ	46	UJ	46	UJ	44	UJ
AROCLOR-1242	ug/kg	SW8082	49	UJ	44	UJ	50	UJ	46	UJ	46	UJ	44	UJ
AROCLOR-1248	ug/kg	SW8082	140	J	42	J	160	J	72	J	54	J	44	UJ
AROCLOR-1254	ug/kg	SW8082	49	UJ	34	J	50	UJ	46	UJ	46	UJ	44	UJ
AROCLOR-1260	ug/kg	SW8082	65	J	44	UJ	75	J	74	J	46	UJ	44	UJ
AROCLOR-1268	ug/kg	SW8082	49	UJ	44	UJ	50	UJ	46	UJ	46	UJ	44	UJ
PCBS, N.O.S.	ug/kg	SW8082	205	J	76	J	235	J	146	J	54	J	44	UJ
1,2,3-TRICHLOROBENZENE	ug/kg	SW8260	7400	UJ	6700	UJ	7600	UJ	7000	UJ	7000	UJ	34000	UJ
1,2,4-TRICHLOROBENZENE	ug/kg	SW8260	7400	UJ	6700	UJ	7600	UJ	7000	UJ	7000	UJ	34000	UJ
1,2-DICHLOROBENZENE	ug/kg	SW8260	8400	J	8000	J	7800	J	19000	J	6000	J	34000	UJ
1,3,5-TRICHLOROBENZENE	ug/kg	SW8260	7400	UJ	6700	UJ	7600	UJ	7000	UJ	7000	UJ	34000	UJ
1,3-DICHLOROBENZENE	ug/kg	SW8260	7400	UJ	6700	UJ	7600	UJ	7000	UJ	7000	UJ	34000	UJ
1,4-DICHLOROBENZENE	ug/kg	SW8260	9900	J	8000	J	9300	J	16000	J	9100	J	7300	J
BENZENE	ug/kg	SW8260	1900	J	1500	J	1800	J	2300	J	1700	J	34000	UJ
CHLOROBENZENE	ug/kg	SW8260	4000	J	4900	J	4300	J	5900	J	2900	J	34000	UJ
ETHYLBENZENE	ug/kg	SW8260	1800	J	1300	J	1100	J	2000	J	7000	UJ	34000	UJ
NAPHTHALENE	ug/kg	SW8260	180000	J	170000	J	160000	J	150000	J	180000	J	350000	J
TOLUENE	ug/kg	SW8260	3100	J	2300	J	2500	J	5400	J	5600	J	7100	J
XYLENES, TOTAL	ug/kg	SW8260	33000	J	22000	J	20000	J	40000	J	79000	J	85000	J
ACENAPHTHENE	ug/kg	SW8270	440	J	600	J	410	J	460	J	1200	J	1000	J
ACENAPHTHYLENE	ug/kg	SW8270	1500	J	2300	J	1500	J	1700	J	3800	J	7600	J
ANTHRACENE	ug/kg	SW8270	710	J	840	J	650	J	810	J	1600	J	2000	J
BENZO(A)ANTHRACENE	ug/kg	SW8270	290	J	430	J	300	J	610	J	590	J	610	J
BENZO(A)PYRENE	ug/kg	SW8270	140	J	200	J	150	J	370	J	260	J	350	J
BENZO(B)FLUORANTHENE	ug/kg	SW8270	150	J	220	J	220	J	390	J	380	J	390	J
BENZO(G,H,I)PERYLENE	ug/kg	SW8270	96	J	130	J	100	J	260	J	180	J	240	J
BENZO(K)FLUORANTHENE	ug/kg	SW8270	200	UJ	100	J	200	UJ	210	J	190	UJ	190	J
CHRYSENE	ug/kg	SW8270	280	J	400	J	290	J	590	J	490	J	460	J
DIBENZO(A,H)ANTHRACENE	ug/kg	SW8270	200	UJ	180	UJ	200	UJ	67	J	47	J	65	J
FLUORANTHENE	ug/kg	SW8270	930	J	1400	J	880	J	1500	J	2500	J	2500	J
FLUORENE	ug/kg	SW8270	890	J	1200	J	840	J	870	J	2300	J	2500	J
INDENO(1,2,3-CD)PYRENE	ug/kg	SW8270	83	J	110	J	89	J	220	J	140	J	200	J
PHENANTHRENE	ug/kg	SW8270	2200	J	3200	J	2100	J	2800	J	5800	J	6400	J
PHENOL	ug/kg	SW8270	4200	J	11000	J	6100	J	7000	J	16000	J	3700	J
PYRENE	ug/kg	SW8270	640	J	880	J	670	J	970	J	1200	J	940	J
SULFIDE	mg/kg	SW9030	445	UJ	403	UJ	455	UJ	418	UJ	421	UJ	402	UJ
pH	S.U.	SW9045	11.4		11.4		11.2		11.2		11.1		11	

Table 3A
Onondaga Lake Phase II Pre-Design Investigation
Summary of Sediment Analytical Results

		Location	OL-VC-80032		OL-VC-80032		OL-VC-80032		OL-VC-80032		OL-VC-80032		OL-VC-80032	
		Sample Depth	0.0-0.5 Ft		0.5-3.3 Ft		3.3-6.6 Ft		6.6-9.9 Ft		9.9-13.2 Ft		13.2-16.5 Ft	
		Field Sample ID	OL-0210-09		OL-0210-10		OL-0210-11		OL-0210-12		OL-0210-13		OL-0210-14	
		Matrix	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
		Sample Purpose	Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample	
		Sample Date	10/10/2006		10/10/2006		10/10/2006		10/10/2006		10/10/2006		10/10/2006	
		Sample Delivery Group	6J110192 C6J110204		6J110192 C6J110204		6J110192 C6J110204		6J110192 C6J110204		6J110192 C6J110204		6J110192 C6J110204	
Parameter Name	Units	Analytical Method												
SOLIDS, PERCENT	%	ASTM D2216	28.4		33.3		35.9		34.9		37.9		47.2	
SOLIDS, PERCENT	%	E160.3	28.6		34.2		37.5		38.6		37.7		50.5	
NITROGEN, AMMONIA (AS N)	mg/kg	E350.1	903	J	1640	J	2030	J	1130	J	1310	J	1080	
TOTAL ORGANIC CARBON	mg/kg	Lloyd Kahn	46100	J	64700	J	87700	J	31800	J	41000	J	68500	J
MERCURY	mg/kg	SW7471	5.5	J	4.2	J	31.2	J	8.6	J	2.4	J	2.5	
AROCLOR-1016	ug/kg	SW8082	58	UJ	140	UJ	440	UJ	43	UJ	44	UJ	330	U
AROCLOR-1221	ug/kg	SW8082	58	UJ	140	UJ	440	UJ	43	UJ	44	UJ	330	U
AROCLOR-1232	ug/kg	SW8082	58	UJ	140	UJ	440	UJ	43	UJ	44	UJ	330	U
AROCLOR-1242	ug/kg	SW8082	58	UJ	140	UJ	440	UJ	43	UJ	44	UJ	330	U
AROCLOR-1248	ug/kg	SW8082	350	J	2600	J	3300	J	250	J	190	J	330	U
AROCLOR-1254	ug/kg	SW8082	58	UJ	140	UJ	440	UJ	43	UJ	44	UJ	330	U
AROCLOR-1260	ug/kg	SW8082	200	J	1100	J	2100	J	230	J	180	J	320	J
AROCLOR-1268	ug/kg	SW8082	58	UJ	140	UJ	440	UJ	43	UJ	44	UJ	330	U
PCBS, N.O.S.	ug/kg	SW8082	550	J	3700	J	5400	J	480	J	370	J	320	J
1,2,3-TRICHLOROBENZENE	ug/kg	SW8260	17	UJ	730	UJ	1300	UJ	6500	UJ	660	UJ	9.9	U
1,2,4-TRICHLOROBENZENE	ug/kg	SW8260	17	UJ	730	UJ	1300	UJ	6500	UJ	660	UJ	9.9	U
1,2-DICHLOROBENZENE	ug/kg	SW8260	17	UJ	200	J	1900	J	12000	J	1100	J	1.9	J
1,3,5-TRICHLOROBENZENE	ug/kg	SW8260	17	UJ	730	UJ	1300	UJ	6500	UJ	660	UJ	9.9	U
1,3-DICHLOROBENZENE	ug/kg	SW8260	17	UJ	190	J	520	J	6500	UJ	660	UJ	9.9	U
1,4-DICHLOROBENZENE	ug/kg	SW8260	22	J	780	J	3200	J	19000	J	1900	J	2	J
BENZENE	ug/kg	SW8260	17	UJ	140	J	910	J	6500	UJ	140	J	11	
CHLOROBENZENE	ug/kg	SW8260	44	J	1400	J	3200	J	7600	J	1400	J	2.2	J
ETHYLBENZENE	ug/kg	SW8260	17	UJ	730	UJ	860	J	3200	J	480	J	12	
NAPHTHALENE	ug/kg	SW8260	17	UJ	410	J	42000	J	120000	J	19000	J	320	
TOLUENE	ug/kg	SW8260	17	UJ	140	J	630	J	1700	J	220	J	9.5	J
XYLENES, TOTAL	ug/kg	SW8260	52	UJ	2200	UJ	8000	J	35000	J	3200	J	34	
ACENAPHTHENE	ug/kg	SW8270	120	J	320	J	1600	J	760	J	1000	J	1500	
ACENAPHTHYLENE	ug/kg	SW8270	370	J	620	J	2400	J	2200	J	1500	J	1500	
ANTHRACENE	ug/kg	SW8270	480	J	1100	J	4000	J	1500	J	1200	J	2400	
BENZO(A)ANTHRACENE	ug/kg	SW8270	1000	J	1800	J	5400	J	1400	J	1000	J	4200	
BENZO(A)PYRENE	ug/kg	SW8270	1100	J	1800	J	5000	J	1000	J	750	J	3700	
BENZO(B)FLUORANTHENE	ug/kg	SW8270	1300	J	2200	J	7500	J	1500	J	780	J	5600	
BENZO(G,H,I)PERYLENE	ug/kg	SW8270	1100	J	1600	J	3900	J	800	J	550	J	2600	
BENZO(K)FLUORANTHENE	ug/kg	SW8270	570	J	980	J	180	UJ	170	UJ	400	J	260	U
CHRYSENE	ug/kg	SW8270	1200	J	2200	J	6600	J	1500	J	1000	J	4900	
DIBENZO(A,H)ANTHRACENE	ug/kg	SW8270	250	J	340	J	740	J	200	J	150	J	700	
FLUORANTHENE	ug/kg	SW8270	1600	J	3500	J	13000	J	3200	J	2400	J	7500	
FLUORENE	ug/kg	SW8270	190	J	570	J	2700	J	1400	J	1200	J	1600	
INDENO(1,2,3-CD)PYRENE	ug/kg	SW8270	860	J	1200	J	2900	J	640	J	450	J	2200	
PHENANTHRENE	ug/kg	SW8270	1000	J	2400	J	14000	J	4800	J	4000	J	6900	
PHENOL	ug/kg	SW8270	60	J	80	J	120	J	650	J	120	J	260	U
PYRENE	ug/kg	SW8270	1600	J	2900	J	9000	J	2400	J	1900	J	7400	
SULFIDE	mg/kg	SW9030	525	UJ	117	J	400	UJ	389	UJ	398	UJ	297	UJ
pH	S.U.	SW9045	8.2		7.7		7.9		9.2		8.6		7.9	

Table 3A
Onondaga Lake Phase II Pre-Design Investigation
Summary of Sediment Analytical Results

		Location	OL-VC-80032		OL-VC-80033		OL-VC-80033		OL-VC-80033		OL-VC-80033		OL-VC-80033	
		Sample Depth	16.5-18.4 Ft		0.0-0.5 Ft		0.5-3.3 Ft		3.3-6.6 Ft		6.6-9.9 Ft		9.9-13.2 Ft	
		Field Sample ID	OL-0210-15		OL-0210-16		OL-0210-17		OL-0210-18		OL-0211-01		OL-0211-02	
		Matrix	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
		Sample Purpose	Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample	
		Sample Date	10/10/2006		10/10/2006		10/10/2006		10/10/2006		10/10/2006		10/10/2006	
		Sample Delivery Group	6J110192 C6J110204		6J110192 C6J110204		6J110192 C6J110204		6J110192 C6J110204		6J110195 C6J110210		6J110195 C6J110210	
Parameter Name	Units	Analytical Method												
SOLIDS, PERCENT	%	ASTM D2216	50.5		34.5		29.2		40.1		38.2		32.5	
SOLIDS, PERCENT	%	E160.3	49.8		32.9		28.2		37.9		41.8		32.5	
NITROGEN, AMMONIA (AS N)	mg/kg	E350.1	742	J	656	J	1230	J	579	J	375	J	438	J
TOTAL ORGANIC CARBON	mg/kg	Lloyd Kahn	58600	J	43900	J	70500	J	42200	J	37800	J	17700	J
MERCURY	mg/kg	SW7471	2.9	J	2.6	J	26.5	J	0.96	J	1.2	J	0.94	J
AROCLOR-1016	ug/kg	SW8082	33	UJ	50	UJ	590	UJ	44	UJ	39	UJ	51	UJ
AROCLOR-1221	ug/kg	SW8082	33	UJ	50	UJ	590	UJ	44	UJ	39	UJ	51	UJ
AROCLOR-1232	ug/kg	SW8082	33	UJ	50	UJ	590	UJ	44	UJ	39	UJ	51	UJ
AROCLOR-1242	ug/kg	SW8082	33	UJ	50	UJ	590	UJ	44	UJ	39	UJ	51	UJ
AROCLOR-1248	ug/kg	SW8082	33	UJ	350	J	4400	J	91	J	39	UJ	51	UJ
AROCLOR-1254	ug/kg	SW8082	33	UJ	50	UJ	590	UJ	44	UJ	39	UJ	51	UJ
AROCLOR-1260	ug/kg	SW8082	33	UJ	160	J	1700	J	64	J	39	UJ	51	UJ
AROCLOR-1268	ug/kg	SW8082	33	UJ	50	UJ	590	UJ	44	UJ	39	UJ	51	UJ
PCBS, N.O.S.	ug/kg	SW8082	33	UJ	510	J	6100	J	155	J	39	UJ	51	UJ
1,2,3-TRICHLOROBENZENE	ug/kg	SW8260	500	UJ	15	UJ	890	UJ	3300	UJ	12000	UJ	7700	UJ
1,2,4-TRICHLOROBENZENE	ug/kg	SW8260	500	UJ	15	UJ	890	UJ	3300	UJ	12000	UJ	7700	UJ
1,2-DICHLOROBENZENE	ug/kg	SW8260	500	UJ	15	UJ	170	J	3500	J	13000	J	4300	J
1,3,5-TRICHLOROBENZENE	ug/kg	SW8260	500	UJ	15	UJ	890	UJ	3300	UJ	12000	UJ	7700	UJ
1,3-DICHLOROBENZENE	ug/kg	SW8260	500	UJ	2.9	J	160	J	3300	UJ	12000	UJ	7700	UJ
1,4-DICHLOROBENZENE	ug/kg	SW8260	500	UJ	11	J	1100	J	5500	J	15000	J	6000	J
BENZENE	ug/kg	SW8260	65	J	42	J	570	J	1100	J	12000	UJ	960	J
CHLOROBENZENE	ug/kg	SW8260	500	UJ	43	J	1200	J	1400	J	3600	J	2600	J
ETHYLBENZENE	ug/kg	SW8260	71	J	15	UJ	890	UJ	2500	J	12000	UJ	2800	J
NAPHTHALENE	ug/kg	SW8260	3300	J	15		1100	J	120000	J	260000	J	170000	J
TOLUENE	ug/kg	SW8260	220	J	15	UJ	890	UJ	4400	J	5500	J	3800	J
XYLENES, TOTAL	ug/kg	SW8260	210	J	10	J	12000	J	45000	J	76000	J	60000	J
ACENAPHTHENE	ug/kg	SW8270	8500	J	130	J	670	J	670	J	1200	J	2800	J
ACENAPHTHYLENE	ug/kg	SW8270	3600	J	290	J	1000	J	2500	J	6600	J	2800	J
ANTHRACENE	ug/kg	SW8270	12000	J	360	J	2200	J	1400	J	2600	J	4900	J
BENZO(A)ANTHRACENE	ug/kg	SW8270	10000	J	740	J	2500	J	880	J	1000	J	3400	J
BENZO(A)PYRENE	ug/kg	SW8270	7100	J	800	J	2400	J	600	J	650	J	2000	J
BENZO(B)FLUORANTHENE	ug/kg	SW8270	8700	J	920	J	3900	J	680	J	670	J	1800	J
BENZO(G,H,I)PERYLENE	ug/kg	SW8270	4300	J	800	J	2100	J	470	J	520	J	1300	J
BENZO(K)FLUORANTHENE	ug/kg	SW8270	330	UJ	450	J	240	UJ	320	J	360	J	850	J
CHRYSENE	ug/kg	SW8270	10000	J	910	J	3400	J	940	J	910	J	3300	J
DIBENZO(A,H)ANTHRACENE	ug/kg	SW8270	1200	J	180	J	480	J	140	J	200	J	360	J
FLUORANTHENE	ug/kg	SW8270	17000	J	1200	J	5700	J	2000	J	2300	J	8300	J
FLUORENE	ug/kg	SW8270	8200	J	190	J	1100	J	1400	J	3700	J	5000	J
INDENO(1,2,3-CD)PYRENE	ug/kg	SW8270	3600	J	630	J	1600	J	400	J	500	J	970	J
PHENANTHRENE	ug/kg	SW8270	33000	J	830	J	5700	J	3600	J	5900	J	18000	J
PHENOL	ug/kg	SW8270	330	UJ	200	UJ	240	UJ	4000	J	11000	J	16000	J
PYRENE	ug/kg	SW8270	19000	J	1300	J	4900	J	1700	J	1500	J	7400	J
SULFIDE	mg/kg	SW9030	80.3	J	457	UJ	533	UJ	396	UJ	359	UJ	461	UJ
pH	S.U.	SW9045	7.5		8		8		8.9		10.5		11	

Table 3A
Onondaga Lake Phase II Pre-Design Investigation
Summary of Sediment Analytical Results

		Location	OL-VC-80033		OL-VC-80033		OL-VC-80033		OL-VC-80034		OL-VC-80034		OL-VC-80034	
		Sample Depth	13.2-16.5 Ft		16.5-19.7 Ft		6.6-9.9 Ft		0.0-0.5 Ft		0.5-3.3 Ft		3.3-6.6 Ft	
		Field Sample ID	OL-0211-03		OL-0211-04		OL-0211-05		OL-0211-06		OL-0211-07		OL-0211-08	
		Matrix	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
		Sample Purpose	Regular Sample		Regular Sample		Field Duplicate		Regular Sample		Regular Sample		Regular Sample	
		Sample Date	10/10/2006		10/10/2006		10/10/2006		10/10/2006		10/10/2006		10/10/2006	
		Sample Delivery Group	6J110195 C6J110210		6J110195 C6J110210		6J110195 C6J110210		6J110195 C6J110210		6J110195 C6J110210		6J110195 C6J110210	
Parameter Name	Units	Analytical Method												
SOLIDS, PERCENT	%	ASTM D2216	37		40.9		40.4		32.3		27.8		36.6	
SOLIDS, PERCENT	%	E160.3	36.3		40		44.1		32.6		27.8		35.6	
NITROGEN, AMMONIA (AS N)	mg/kg	E350.1	373	J	324	J	347	J	723	J	1530	J	624	J
TOTAL ORGANIC CARBON	mg/kg	Lloyd Kahn	40000	J	29500	J	46300	J	52900	J	83100	J	39600	J
MERCURY	mg/kg	SW7471	1.8	J	1.2	J	1.2	J	3.2	J	33.1	J	0.82	J
AROCLOR-1016	ug/kg	SW8082	45	UJ	41	UJ	37	UJ	51	UJ	590	UJ	46	UJ
AROCLOR-1221	ug/kg	SW8082	45	UJ	41	UJ	37	UJ	51	UJ	590	UJ	46	UJ
AROCLOR-1232	ug/kg	SW8082	45	UJ	41	UJ	37	UJ	51	UJ	590	UJ	46	UJ
AROCLOR-1242	ug/kg	SW8082	45	UJ	41	UJ	37	UJ	51	UJ	590	UJ	46	UJ
AROCLOR-1248	ug/kg	SW8082	45	UJ	41	UJ	37	UJ	520	J	7400	J	150	J
AROCLOR-1254	ug/kg	SW8082	45	UJ	41	UJ	37	UJ	51	UJ	590	UJ	46	UJ
AROCLOR-1260	ug/kg	SW8082	45	UJ	41	UJ	37	UJ	230	J	2600	J	95	J
AROCLOR-1268	ug/kg	SW8082	45	UJ	41	UJ	37	UJ	51	UJ	590	UJ	46	UJ
PCBS, N.O.S.	ug/kg	SW8082	45	UJ	41	UJ	37	UJ	750	J	10000	J	245	J
1,2,3-TRICHLOROBENZENE	ug/kg	SW8260	14000	UJ	630	UJ	14000	UJ	15	UJ	900	UJ	14000	UJ
1,2,4-TRICHLOROBENZENE	ug/kg	SW8260	14000	UJ	630	UJ	14000	UJ	15	UJ	900	UJ	14000	UJ
1,2-DICHLOROBENZENE	ug/kg	SW8260	2100	J	630	UJ	14000	J	15	UJ	470	J	2400	J
1,3,5-TRICHLOROBENZENE	ug/kg	SW8260	14000	UJ	630	UJ	14000	UJ	15	UJ	900	UJ	14000	UJ
1,3-DICHLOROBENZENE	ug/kg	SW8260	14000	UJ	630	UJ	14000	UJ	15	UJ	1000	J	14000	UJ
1,4-DICHLOROBENZENE	ug/kg	SW8260	2800	J	630	UJ	13000	J	9	J	4500	J	3100	J
BENZENE	ug/kg	SW8260	2200	J	630	UJ	14000	UJ	37	J	850	J	14000	UJ
CHLOROBENZENE	ug/kg	SW8260	14000	UJ	630	UJ	4000	J	30	J	5000	J	4500	J
ETHYLBENZENE	ug/kg	SW8260	3700	J	630	UJ	14000	UJ	15	UJ	900	UJ	14000	UJ
NAPHTHALENE	ug/kg	SW8260	520000	J	19000	J	410000	J	15	UJ	1900	J	200000	J
TOLUENE	ug/kg	SW8260	5100	J	110	J	7300	J	15	UJ	110	J	5000	J
XYLENES, TOTAL	ug/kg	SW8260	50000	J	660	J	73000	J	46	UJ	3800	J	47000	J
ACENAPHTHENE	ug/kg	SW8270	17000	J	4300	J	950	J	130	J	920	J	690	J
ACENAPHTHYLENE	ug/kg	SW8270	2800	J	1000	J	5500	J	270	J	1100	J	3300	J
ANTHRACENE	ug/kg	SW8270	28000	J	2900	J	2400	J	410	J	2500	J	1400	J
BENZO(A)ANTHRACENE	ug/kg	SW8270	8300	J	2300	J	810	J	700	J	2600	J	770	J
BENZO(A)PYRENE	ug/kg	SW8270	4000	J	1800	J	520	J	750	J	2600	J	510	J
BENZO(B)FLUORANTHENE	ug/kg	SW8270	6100	J	1900	J	480	J	1200	J	4100	J	780	J
BENZO(G,H,I)PERYLENE	ug/kg	SW8270	2700	J	1300	J	390	J	760	J	2300	J	420	J
BENZO(K)FLUORANTHENE	ug/kg	SW8270	920	UJ	170	UJ	340	J	100	UJ	240	UJ	190	UJ
CHRYSENE	ug/kg	SW8270	8800	J	2100	J	750	J	860	J	3700	J	730	J
DIBENZO(A,H)ANTHRACENE	ug/kg	SW8270	840	J	300	J	130	J	170	J	530	J	100	J
FLUORANTHENE	ug/kg	SW8270	28000	J	4800	J	1800	J	1200	J	5900	J	1900	J
FLUORENE	ug/kg	SW8270	21000	J	4100	J	3000	J	180	J	1400	J	1400	J
INDENO(1,2,3-CD)PYRENE	ug/kg	SW8270	2400	J	910	J	380	J	570	J	1700	J	350	J
PHENANTHRENE	ug/kg	SW8270	67000	J	11000	J	5300	J	830	J	5900	J	4000	J
PHENOL	ug/kg	SW8270	9100	J	1500	J	9800	J	100	UJ	87	J	11000	J
PYRENE	ug/kg	SW8270	20000	J	5200	J	1300	J	1200	J	5100	J	1200	J
SULFIDE	mg/kg	SW9030	413	UJ	100	J	340	UJ	460	UJ	540	UJ	422	UJ
pH	S.U.	SW9045	10.7		10.1		10.6		8.2		8.3		10	

Table 3A
Onondaga Lake Phase II Pre-Design Investigation
Summary of Sediment Analytical Results

		Location	OL-VC-80034		OL-VC-80034		OL-VC-80034		OL-VC-80034		OL-VC-80035		OL-VC-80035	
		Sample Depth	6.6-9.9 Ft		9.9-13.2 Ft		13.2-16.5 Ft		16.5-19.6 Ft		0.0-0.5 Ft		0.5-3.3 Ft	
		Field Sample ID	OL-0211-09		OL-0211-10		OL-0211-11		OL-0211-12		OL-0211-13		OL-0211-14	
		Matrix	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
		Sample Purpose	Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample	
		Sample Date	10/10/2006		10/10/2006		10/10/2006		10/10/2006		10/10/2006		10/10/2006	
		Sample Delivery Group	6J110195 C6J110210		6J110195 C6J110210		6J110195 C6J110210		6J110195 C6J110210		6J110195 C6J110210		6J110195 C6J110210	
Parameter Name	Units	Analytical Method												
SOLIDS, PERCENT	%	ASTM D2216	37.8		44.7		31.7		44		29.8		32	
SOLIDS, PERCENT	%	E160.3	43.8		45.4		37		44.3		30.5		31.3	
NITROGEN, AMMONIA (AS N)	mg/kg	E350.1	510	J	495	J	505	J	373	J	884	J	1710	J
TOTAL ORGANIC CARBON	mg/kg	Lloyd Kahn	45400	J	46500	J	34600	J	57600	J	47900	J	81400	J
MERCURY	mg/kg	SW7471	0.85	J	1.4	J	0.8	J	2.1	J	4	J	18.1	J
AROCLOR-1016	ug/kg	SW8082	38	UJ	36	UJ	45	UJ	37	UJ	54	UJ	530	UJ
AROCLOR-1221	ug/kg	SW8082	38	UJ	36	UJ	45	UJ	37	UJ	54	UJ	530	UJ
AROCLOR-1232	ug/kg	SW8082	38	UJ	36	UJ	45	UJ	37	UJ	54	UJ	530	UJ
AROCLOR-1242	ug/kg	SW8082	38	UJ	36	UJ	45	UJ	37	UJ	54	UJ	530	UJ
AROCLOR-1248	ug/kg	SW8082	38	UJ	36	UJ	45	UJ	37	UJ	300	J	6000	J
AROCLOR-1254	ug/kg	SW8082	38	UJ	36	UJ	45	UJ	37	UJ	54	UJ	530	UJ
AROCLOR-1260	ug/kg	SW8082	42	J	36	UJ	45	UJ	37	UJ	150	J	1900	J
AROCLOR-1268	ug/kg	SW8082	38	UJ	36	UJ	45	UJ	37	UJ	54	UJ	530	UJ
PCBS, N.O.S.	ug/kg	SW8082	42	J	36	UJ	45	UJ	37	UJ	450	J	7900	J
1,2,3-TRICHLOROBENZENE	ug/kg	SW8260	2900	UJ	11000	UJ	6800	UJ	2800	UJ	16	UJ	800	UJ
1,2,4-TRICHLOROBENZENE	ug/kg	SW8260	2900	UJ	11000	UJ	6800	UJ	2800	UJ	16	UJ	800	UJ
1,2-DICHLOROBENZENE	ug/kg	SW8260	1400	J	4500	J	5200	J	480	J	16	UJ	170	J
1,3,5-TRICHLOROBENZENE	ug/kg	SW8260	2900	UJ	11000	UJ	6800	UJ	2800	UJ	16	UJ	800	UJ
1,3-DICHLOROBENZENE	ug/kg	SW8260	2900	UJ	11000	UJ	6800	UJ	2800	UJ	16	UJ	210	J
1,4-DICHLOROBENZENE	ug/kg	SW8260	2300	J	4900	J	5300	J	1300	J	14	J	720	J
BENZENE	ug/kg	SW8260	2900	J	7000	J	22000	J	7400	J	2.1	J	970	J
CHLOROBENZENE	ug/kg	SW8260	1500	J	1700	J	1700	J	1400	J	32	J	3200	J
ETHYLBENZENE	ug/kg	SW8260	1200	J	3600	J	7000	J	2800	UJ	16	UJ	800	UJ
NAPHTHALENE	ug/kg	SW8260	48000	J	260000	J	170000	J	71000	J	16	UJ	260	J
TOLUENE	ug/kg	SW8260	5000	J	11000	J	37000	J	9300	J	16	UJ	89	J
XYLENES, TOTAL	ug/kg	SW8260	25000	J	61000	J	120000	J	19000	J	49	UJ	950	J
ACENAPHTHENE	ug/kg	SW8270	350	J	1100	J	1700	J	3800	J	140	J	650	J
ACENAPHTHYLENE	ug/kg	SW8270	1100	J	3600	J	2000	J	2400	J	390	J	920	J
ANTHRACENE	ug/kg	SW8270	890	J	2900	J	3400	J	11000	J	510	J	2000	J
BENZO(A)ANTHRACENE	ug/kg	SW8270	490	J	1400	J	2200	J	6800	J	1000	J	2400	J
BENZO(A)PYRENE	ug/kg	SW8270	350	J	900	J	1200	J	2800	J	1100	J	2000	J
BENZO(B)FLUORANTHENE	ug/kg	SW8270	520	J	1300	J	1500	J	4200	J	1200	J	2200	J
BENZO(G,H,I)PERYLENE	ug/kg	SW8270	280	J	710	J	760	J	1800	J	1200	J	1900	J
BENZO(K)FLUORANTHENE	ug/kg	SW8270	150	UJ	290	UJ	180	UJ	750	UJ	680	J	1200	J
CHRYSENE	ug/kg	SW8270	550	J	1300	J	2100	J	5900	J	1200	J	3000	J
DIBENZO(A,H)ANTHRACENE	ug/kg	SW8270	78	J	220	J	230	J	1300	J	280	J	410	J
FLUORANTHENE	ug/kg	SW8270	1200	J	2900	J	4700	J	13000	J	1600	J	5100	J
FLUORENE	ug/kg	SW8270	710	J	2800	J	3000	J	14000	J	200	J	1200	J
INDENO(1,2,3-CD)PYRENE	ug/kg	SW8270	240	J	640	J	620	J	2300	J	930	J	1400	J
PHENANTHRENE	ug/kg	SW8270	2000	J	5500	J	10000	J	42000	J	1000	J	5500	J
PHENOL	ug/kg	SW8270	6800	J	6000	J	4200	J	1200	J	220	UJ	97	J
PYRENE	ug/kg	SW8270	880	J	2100	J	4200	J	8900	J	1700	J	4300	J
SULFIDE	mg/kg	SW9030	343	UJ	331	UJ	406	UJ	542	J	263	J	2690	J
pH	S.U.	SW9045	10.6		10.1		10.6		8.6		8.1		8.2	

Table 3A
Onondaga Lake Phase II Pre-Design Investigation
Summary of Sediment Analytical Results

		Location	OL-VC-80035		OL-VC-80035		OL-VC-80035		OL-VC-80035		OL-VC-80035		OL-VC-80036	
		Sample Depth	3.3-6.6 Ft		6.6-9.9 Ft		9.9-13.2 Ft		13.2-16.5 Ft		16.5-19.0 Ft		0.0-0.5 Ft	
		Field Sample ID	OL-0211-15		OL-0211-16		OL-0211-17		OL-0211-18		OL-0211-19		OL-0215-01	
		Matrix	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
		Sample Purpose	Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample	
		Sample Date	10/10/2006		10/10/2006		10/10/2006		10/10/2006		10/10/2006		10/10/2006	
		Sample Delivery Group	6J110195 C6J110210		6J110195 C6J110210		6J110195 C6J110210		6J110195 C6J110210		6J110195 C6J110210		6J110197 C6J110216	
Parameter Name	Units	Analytical Method												
SOLIDS, PERCENT	%	ASTM D2216	32.4		30.9		41.6		46.6		51.7		28.9	
SOLIDS, PERCENT	%	E160.3	31.5		29.8		39.9		47.2		52.1		30.2	
NITROGEN, AMMONIA (AS N)	mg/kg	E350.1	853	J	987	J	683	J	627	J	299		745	J
TOTAL ORGANIC CARBON	mg/kg	Lloyd Kahn	28100	J	28400	J	53200	J	46800	J	38600		47000	J
MERCURY	mg/kg	SW7471	4	J	0.76	J	1.9	J	2.7	J	2.2	J	3.7	J
AROCLOR-1016	ug/kg	SW8082	52	UJ	55	UJ	41	UJ	35	UJ	32	U	55	UJ
AROCLOR-1221	ug/kg	SW8082	52	UJ	55	UJ	41	UJ	35	UJ	32	U	55	UJ
AROCLOR-1232	ug/kg	SW8082	52	UJ	55	UJ	41	UJ	35	UJ	32	U	55	UJ
AROCLOR-1242	ug/kg	SW8082	52	UJ	55	UJ	41	UJ	35	UJ	32	U	55	UJ
AROCLOR-1248	ug/kg	SW8082	380	J	270	J	41	UJ	35	UJ	32	U	370	J
AROCLOR-1254	ug/kg	SW8082	52	UJ	55	UJ	41	UJ	35	UJ	32	U	55	UJ
AROCLOR-1260	ug/kg	SW8082	550	J	280	J	41	UJ	35	UJ	32	U	170	J
AROCLOR-1268	ug/kg	SW8082	52	UJ	55	UJ	41	UJ	35	UJ	32	U	55	UJ
PCBS, N.O.S.	ug/kg	SW8082	930	J	550	J	41	UJ	35	UJ	32	U	540	J
1,2,3-TRICHLOROBENZENE	ug/kg	SW8260	1600	UJ	8400	UJ	3100	UJ	2600	UJ	480	U	17	UJ
1,2,4-TRICHLOROBENZENE	ug/kg	SW8260	1600	UJ	8400	UJ	3100	UJ	2600	UJ	480	U	17	UJ
1,2-DICHLOROBENZENE	ug/kg	SW8260	3500	J	7900	J	970	J	340	J	76	J	17	UJ
1,3,5-TRICHLOROBENZENE	ug/kg	SW8260	1600	UJ	8400	UJ	3100	UJ	2600	UJ	480	U	17	UJ
1,3-DICHLOROBENZENE	ug/kg	SW8260	1600	UJ	8400	UJ	3100	UJ	2600	UJ	480	U	17	UJ
1,4-DICHLOROBENZENE	ug/kg	SW8260	9700	J	20000	J	2900	J	2000	J	200	J	14	J
BENZENE	ug/kg	SW8260	790	J	1600	J	620	J	2600	UJ	480	U	2.8	J
CHLOROBENZENE	ug/kg	SW8260	10000	J	22000	J	2100	J	1300	J	220	J	30	J
ETHYLBENZENE	ug/kg	SW8260	520	J	1500	J	1800	J	1400	J	480	U	17	UJ
NAPHTHALENE	ug/kg	SW8260	52000	J	160000	J	71000	J	59000	J	2600		17	UJ
TOLUENE	ug/kg	SW8260	920	J	2900	J	900	J	310	J	52	J	17	UJ
XYLENES, TOTAL	ug/kg	SW8260	6900	J	22000	J	10000	J	7300	J	250	J	50	UJ
ACENAPHTHENE	ug/kg	SW8270	450	J	490	J	5100	J	5100	J	610		120	J
ACENAPHTHYLENE	ug/kg	SW8270	2000	J	2000	J	4800	J	2600	J	580		330	J
ANTHRACENE	ug/kg	SW8270	960	J	950	J	10000	J	8200	J	2500		450	J
BENZO(A)ANTHRACENE	ug/kg	SW8270	860	J	770	J	7500	J	6800	J	3300		960	J
BENZO(A)PYRENE	ug/kg	SW8270	730	J	580	J	5000	J	4700	J	2800		1000	J
BENZO(B)FLUORANTHENE	ug/kg	SW8270	1000	J	860	J	4900	J	5500	J	2600		1200	J
BENZO(G,H,I)PERYLENE	ug/kg	SW8270	590	J	470	J	2800	J	3100	J	2200		1200	J
BENZO(K)FLUORANTHENE	ug/kg	SW8270	110	UJ	110	UJ	420	UJ	350	UJ	130	U	540	J
CHRYSENE	ug/kg	SW8270	960	J	840	J	8100	J	6900	J	3200		1200	J
DIBENZO(A,H)ANTHRACENE	ug/kg	SW8270	140	J	110	J	850	J	870	J	500		270	J
FLUORANTHENE	ug/kg	SW8270	1900	J	1800	J	11000	J	11000	J	4000		1500	J
FLUORENE	ug/kg	SW8270	940	J	1200	J	6500	J	5100	J	910		170	J
INDENO(1,2,3-CD)PYRENE	ug/kg	SW8270	480	J	390	J	2200	J	2500	J	1400		920	J
PHENANTHRENE	ug/kg	SW8270	2900	J	3000	J	25000	J	21000	J	5500		980	J
PHENOL	ug/kg	SW8270	5200	J	5000	J	200	J	350	UJ	130	U	220	UJ
PYRENE	ug/kg	SW8270	1600	J	1400	J	15000	J	13000	J	6000		1600	J
SULFIDE	mg/kg	SW9030	476	UJ	134	J	376	UJ	169	J	154	J	1330	J
pH	S.U.	SW9045	10		10.8		8.8		8		7.7		7.6	

Table 3A
Onondaga Lake Phase II Pre-Design Investigation
Summary of Sediment Analytical Results

		Location	OL-VC-80036		OL-VC-80036		OL-VC-80036		OL-VC-80036		OL-VC-80036		OL-VC-80036	
		Sample Depth	0.5-3.3 Ft		3.3-6.6 Ft		6.6-9.9 Ft		9.9-13.2 Ft		13.2-16.5 Ft		16.5-18.5 Ft	
		Field Sample ID	OL-0215-02		OL-0215-03		OL-0215-04		OL-0215-05		OL-0215-06		OL-0215-07	
		Matrix	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
		Sample Purpose	Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample	
		Sample Date	10/10/2006		10/10/2006		10/10/2006		10/10/2006		10/10/2006		10/10/2006	
		Sample Delivery Group	6J110197 C6J110216		6J110197 C6J110216		6J110197 C6J110216		6J110197 C6J110216		6J110197 C6J110216		6J110197 C6J110216	
Parameter Name	Units	Analytical Method												
SOLIDS, PERCENT	%	ASTM D2216	34		36.4		44.6		48.6		49.6		42.6	
SOLIDS, PERCENT	%	E160.3	32.4		35.6		40		48		49.2		50.2	
NITROGEN, AMMONIA (AS N)	mg/kg	E350.1	1120	J	3270	J	1200	J	899	J	725	J	389	
TOTAL ORGANIC CARBON	mg/kg	Lloyd Kahn	59600	J	61700	J	49100	J	64600	J	50200	J	37800	J
MERCURY	mg/kg	SW7471	8.9	J	24.3	J	0.77	J	1.3	J	2.7	J	0.35	
AROCLOR-1016	ug/kg	SW8082	200	UJ	190	UJ	41	UJ	34	UJ	34	UJ	33	U
AROCLOR-1221	ug/kg	SW8082	200	UJ	190	UJ	41	UJ	34	UJ	34	UJ	33	U
AROCLOR-1232	ug/kg	SW8082	200	UJ	190	UJ	41	UJ	34	UJ	34	UJ	33	U
AROCLOR-1242	ug/kg	SW8082	200	UJ	190	UJ	41	UJ	34	UJ	34	UJ	33	U
AROCLOR-1248	ug/kg	SW8082	2900	J	1200	J	41	UJ	34	UJ	34	UJ	33	U
AROCLOR-1254	ug/kg	SW8082	200	UJ	190	UJ	41	UJ	34	UJ	34	UJ	33	U
AROCLOR-1260	ug/kg	SW8082	850	J	830	J	49	J	940	J	34	UJ	33	U
AROCLOR-1268	ug/kg	SW8082	200	UJ	190	UJ	41	UJ	34	UJ	34	UJ	33	U
PCBS, N.O.S.	ug/kg	SW8082	3750	J	2030	J	49	J	940	J	34	UJ	33	U
1,2,3-TRICHLOROBENZENE	ug/kg	SW8260	770	UJ	3500	UJ	3100	UJ	520	UJ	510	UJ	10	U
1,2,4-TRICHLOROBENZENE	ug/kg	SW8260	770	UJ	3500	UJ	3100	UJ	520	UJ	510	UJ	10	U
1,2-DICHLOROBENZENE	ug/kg	SW8260	220	J	700	J	870	J	92	J	510	UJ	10	U
1,3,5-TRICHLOROBENZENE	ug/kg	SW8260	770	UJ	3500	UJ	3100	UJ	520	UJ	510	UJ	10	U
1,3-DICHLOROBENZENE	ug/kg	SW8260	190	J	3500	UJ	3100	UJ	520	UJ	510	UJ	10	U
1,4-DICHLOROBENZENE	ug/kg	SW8260	760	J	1900	J	2300	J	150	J	510	UJ	10	U
BENZENE	ug/kg	SW8260	110	J	3500	UJ	3100	UJ	170	J	90	J	10	U
CHLOROBENZENE	ug/kg	SW8260	1800	J	3500	UJ	370	J	98	J	510	UJ	10	U
ETHYLBENZENE	ug/kg	SW8260	770	UJ	690	J	1500	J	470	J	510	UJ	10	U
NAPHTHALENE	ug/kg	SW8260	1200	J	59000	J	91000	J	14000	J	1900	J	10	UJ
TOLUENE	ug/kg	SW8260	130	J	640	J	1400	J	210	J	110	J	10	U
XYLENES, TOTAL	ug/kg	SW8260	440	J	6100	J	13000	J	2300	J	320	J	30	U
ACENAPHTHENE	ug/kg	SW8270	310	J	1200	J	620	J	1300	J	2400	J	69	
ACENAPHTHYLENE	ug/kg	SW8270	500	J	1500	J	2200	J	1400	J	1700	J	49	J
ANTHRACENE	ug/kg	SW8270	1100	J	2400	J	920	J	2400	J	4300	J	290	
BENZO(A)ANTHRACENE	ug/kg	SW8270	1900	J	3300	J	1000	J	3500	J	4800	J	610	
BENZO(A)PYRENE	ug/kg	SW8270	1700	J	2800	J	830	J	3000	J	3800	J	590	
BENZO(B)FLUORANTHENE	ug/kg	SW8270	2600	J	2700	J	1200	J	4200	J	4700	J	710	
BENZO(G,H,I)PERYLENE	ug/kg	SW8270	1600	J	2400	J	710	J	2300	J	2700	J	450	
BENZO(K)FLUORANTHENE	ug/kg	SW8270	210	UJ	1700	J	170	UJ	350	UJ	680	UJ	67	U
CHRYSENE	ug/kg	SW8270	2300	J	3800	J	1200	J	3900	J	5300	J	530	
DIBENZO(A,H)ANTHRACENE	ug/kg	SW8270	360	J	560	J	160	J	590	J	730	J	110	
FLUORANTHENE	ug/kg	SW8270	3700	J	6100	J	2100	J	6700	J	7500	J	860	
FLUORENE	ug/kg	SW8270	540	J	1500	J	1200	J	1800	J	2500	J	120	
INDENO(1,2,3-CD)PYRENE	ug/kg	SW8270	1200	J	1900	J	570	J	1900	J	2200	J	390	
PHENANTHRENE	ug/kg	SW8270	2500	J	7100	J	3100	J	7400	J	11000	J	410	
PHENOL	ug/kg	SW8270	210	UJ	470	UJ	65	J	350	UJ	680	UJ	67	U
PYRENE	ug/kg	SW8270	3200	J	6000	J	1800	J	5900	J	8900	J	890	
SULFIDE	mg/kg	SW9030	2220	J	112	J	99.9	J	83.4	J	163	J	79.8	J
pH	S.U.	SW9045	7.7		7.9		8.4		7.8		7.6		7.3	

Table 3A
Onondaga Lake Phase II Pre-Design Investigation
Summary of Sediment Analytical Results

		Location	OL-VC-80036		OL-VC-80037		OL-VC-80037		OL-VC-80038		OL-VC-80038		OL-VC-80039	
		Sample Depth	13.2-16.5 Ft		0.0-0.5 Ft		0.5-3.3 Ft		0.0-0.5 Ft		0.5-3.3 Ft		0.0-0.5 Ft	
		Field Sample ID	OL-0215-08		OL-0206-01		OL-0206-02		OL-0206-03		OL-0206-04		OL-0206-05	
		Matrix	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
		Sample Purpose	Field Duplicate		Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample	
		Sample Date	10/10/2006		10/7/2006		10/7/2006		10/7/2006		10/7/2006		10/7/2006	
		Sample Delivery Group	6J110197 C6J110216		6J100153 C6J100159		6J100153 C6J100159		6J100153 C6J100159		6J100153 C6J100159		6J100153 C6J100159	
Parameter Name	Units	Analytical Method												
SOLIDS, PERCENT	%	ASTM D2216	48		32		33.8		27.7		32		30.7	
SOLIDS, PERCENT	%	E160.3	50		30.1		34.3		28.6		32.4		31.1	
NITROGEN, AMMONIA (AS N)	mg/kg	E350.1	602		496	J	812	J	514	J	813	J	557	J
TOTAL ORGANIC CARBON	mg/kg	Lloyd Kahn	46200	J	45000	J	61800	J	59100	J	52300	J	53900	J
MERCURY	mg/kg	SW7471	2.3		2.5	J	2.1	J	2.6	J	2.5	J	2.7	J
AROCLOR-1016	ug/kg	SW8082	33	U	270	UJ	240	UJ	290	UJ	250	UJ	270	UJ
AROCLOR-1221	ug/kg	SW8082	33	U	270	UJ	240	UJ	290	UJ	250	UJ	270	UJ
AROCLOR-1232	ug/kg	SW8082	33	U	270	UJ	240	UJ	290	UJ	250	UJ	270	UJ
AROCLOR-1242	ug/kg	SW8082	33	U	270	UJ	240	UJ	290	UJ	250	UJ	270	UJ
AROCLOR-1248	ug/kg	SW8082	33	U	330	J	1800	J	520	J	550	J	400	J
AROCLOR-1254	ug/kg	SW8082	33	U	140	J	620	J	240	J	260	J	200	J
AROCLOR-1260	ug/kg	SW8082	33	U	270	UJ	240	UJ	290	UJ	250	UJ	270	UJ
AROCLOR-1268	ug/kg	SW8082	33	U	270	UJ	240	UJ	290	UJ	250	UJ	270	UJ
PCBS, N.O.S.	ug/kg	SW8082	33	U	470	J	2420	J	760	J	810	J	600	J
1,2,3-TRICHLOROBENZENE	ug/kg	SW8260	50	U	17	UJ	15	UJ	17	UJ	15	UJ	16	UJ
1,2,4-TRICHLOROBENZENE	ug/kg	SW8260	50	U	17	UJ	15	UJ	17	UJ	15	UJ	16	UJ
1,2-DICHLOROBENZENE	ug/kg	SW8260	50	U	17	UJ	15	UJ	17	UJ	15	UJ	16	UJ
1,3,5-TRICHLOROBENZENE	ug/kg	SW8260	50	U	17	UJ	15	UJ	17	UJ	15	UJ	16	UJ
1,3-DICHLOROBENZENE	ug/kg	SW8260	50	U	17	UJ	4	J	17	UJ	15	UJ	16	UJ
1,4-DICHLOROBENZENE	ug/kg	SW8260	50	U	4.6	J	11	J	5	J	4.9	J	16	UJ
BENZENE	ug/kg	SW8260	6.7	J	17	UJ	15	UJ	17	UJ	15	UJ	16	UJ
CHLOROBENZENE	ug/kg	SW8260	50	U	8.2	J	35	J	11	J	16	J	6	J
ETHYLBENZENE	ug/kg	SW8260	12	J	17	UJ	15	UJ	17	UJ	15	UJ	16	UJ
NAPHTHALENE	ug/kg	SW8260	640	J	17	UJ	15	UJ	17	UJ	15	UJ	16	UJ
TOLUENE	ug/kg	SW8260	6	J	17	UJ	15	UJ	17	UJ	15	UJ	16	UJ
XYLENES, TOTAL	ug/kg	SW8260	58	J	50	UJ	44	UJ	52	UJ	46	UJ	48	UJ
ACENAPHTHENE	ug/kg	SW8270	2500		81	J	200	J	130	J	140	J	120	J
ACENAPHTHYLENE	ug/kg	SW8270	1600		350	J	550	J	450	J	460	J	410	J
ANTHRACENE	ug/kg	SW8270	5700		330	J	1000	J	620	J	690	J	540	J
BENZO(A)ANTHRACENE	ug/kg	SW8270	5900		750	J	1500	J	1500	J	1400	J	1400	J
BENZO(A)PYRENE	ug/kg	SW8270	4500		780	J	1600	J	1800	J	1500	J	1600	J
BENZO(B)FLUORANTHENE	ug/kg	SW8270	4600		1000	J	2000	J	2300	J	1800	J	1800	J
BENZO(G,H,I)PERYLENE	ug/kg	SW8270	3300		740	J	730	J	1100	J	780	J	920	J
BENZO(K)FLUORANTHENE	ug/kg	SW8270	670	U	390	J	630	J	770	J	570	J	720	J
CHRYSENE	ug/kg	SW8270	5900		910	J	1800	J	1900	J	1600	J	1600	J
DIBENZO(A,H)ANTHRACENE	ug/kg	SW8270	810		170	J	260	J	340	J	260	J	290	J
FLUORANTHENE	ug/kg	SW8270	8300		1300	J	3200	J	2300	J	2100	J	2000	J
FLUORENE	ug/kg	SW8270	2800		160	J	410	J	210	J	250	J	190	J
INDENO(1,2,3-CD)PYRENE	ug/kg	SW8270	2400		580	J	800	J	1100	J	780	J	920	J
PHENANTHRENE	ug/kg	SW8270	14000		480	J	1400	J	960	J	1100	J	770	J
PHENOL	ug/kg	SW8270	670	U	220	UJ	97	UJ	42	J	44	J	110	UJ
PYRENE	ug/kg	SW8270	12000		1200	J	2100	J	1900	J	1800	J	1800	J
SULFIDE	mg/kg	SW9030	80	J	398	J	1400	J	1540	J	1730	J	1030	J
pH	S.U.	SW9045	7.5		7.4		7.5		7.5		7.5		7.4	

Table 3A
Onondaga Lake Phase II Pre-Design Investigation
Summary of Sediment Analytical Results

		Location	OL-VC-80039		OL-VC-80040		OL-VC-80040		OL-VC-80041		OL-VC-80041		OL-VC-80041	
		Sample Depth	0.5-3.3 Ft		0.0-0.5 Ft		0.5-3.3 Ft		0.0-0.5 Ft		0.5-3.3 Ft		0.5-3.3 Ft	
		Field Sample ID	OL-0206-06		OL-0206-07		OL-0206-08		OL-0205-03		OL-0205-04		OL-0205-05	
		Matrix	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
		Sample Purpose	Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample		Field Duplicate	
		Sample Date	10/7/2006		10/7/2006		10/7/2006		10/6/2006		10/6/2006		10/6/2006	
		Sample Delivery Group	6J100153 C6J100159		6J100153 C6J100159		6J100153 C6J100159		6J070172 C6J070179		6J070172 C6J070179		6J070172 C6J070179	
Parameter Name	Units	Analytical Method												
SOLIDS, PERCENT	%	ASTM D2216	31.6		32.6		35.2		28.9		28.4		29.2	
SOLIDS, PERCENT	%	E160.3	32.5		34.6		39.8		30.1		28		29.9	
NITROGEN, AMMONIA (AS N)	mg/kg	E350.1	940	J	592	J	983	J	477	J	712	J	850	J
TOTAL ORGANIC CARBON	mg/kg	Lloyd Kahn	58100	J	52800	J	60500	J	51900	J	80200	J	73600	J
MERCURY	mg/kg	SW7471	3	J	2.3	J	3.8	J	3.3	J	18.5	J	7.8	J
AROCLOR-1016	ug/kg	SW8082	250	UJ	240	UJ	210	UJ	270	UJ	290	UJ	280	UJ
AROCLOR-1221	ug/kg	SW8082	250	UJ	240	UJ	210	UJ	270	UJ	290	UJ	280	UJ
AROCLOR-1232	ug/kg	SW8082	250	UJ	240	UJ	210	UJ	270	UJ	290	UJ	280	UJ
AROCLOR-1242	ug/kg	SW8082	250	UJ	240	UJ	210	UJ	270	UJ	290	UJ	280	UJ
AROCLOR-1248	ug/kg	SW8082	440	J	300	J	250	J	130	J	1600	J	2300	J
AROCLOR-1254	ug/kg	SW8082	200	J	120	J	120	J	82	J	650	J	1000	J
AROCLOR-1260	ug/kg	SW8082	250	UJ	240	UJ	210	UJ	270	UJ	290	UJ	280	UJ
AROCLOR-1268	ug/kg	SW8082	250	UJ	240	UJ	210	UJ	270	UJ	290	UJ	280	UJ
PCBS, N.O.S.	ug/kg	SW8082	640	J	420	J	370	J	212	J	2250	J	3300	J
1,2,3-TRICHLOROBENZENE	ug/kg	SW8260	15	UJ	14	UJ	13	UJ	17	UJ	89	UJ	84	UJ
1,2,4-TRICHLOROBENZENE	ug/kg	SW8260	15	UJ	14	UJ	13	UJ	17	UJ	89	UJ	84	UJ
1,2-DICHLOROBENZENE	ug/kg	SW8260	15	UJ	14	UJ	13	UJ	17	UJ	89	UJ	84	UJ
1,3,5-TRICHLOROBENZENE	ug/kg	SW8260	15	UJ	14	UJ	13	UJ	17	UJ	89	UJ	84	UJ
1,3-DICHLOROBENZENE	ug/kg	SW8260	15	UJ	14	UJ	13	UJ	17	UJ	89	UJ	84	UJ
1,4-DICHLOROBENZENE	ug/kg	SW8260	3.3	J	7.7	J	13	UJ	14	J	79	J	85	J
BENZENE	ug/kg	SW8260	15	UJ	14	UJ	13	UJ	3.6	J	110	J	120	J
CHLOROBENZENE	ug/kg	SW8260	9.9	J	24	J	13	UJ	210	J	2900	J	2300	J
ETHYLBENZENE	ug/kg	SW8260	15	UJ	14	UJ	13	UJ	17	UJ	89	UJ	84	UJ
NAPHTHALENE	ug/kg	SW8260	15	UJ	14	UJ	13	UJ	17	UJ	25	J	84	UJ
TOLUENE	ug/kg	SW8260	15	UJ	14	UJ	13	UJ	17	UJ	89	UJ	84	UJ
XYLENES, TOTAL	ug/kg	SW8260	46	UJ	43	UJ	38	UJ	50	UJ	68	J	57	J
ACENAPHTHENE	ug/kg	SW8270	150	J	140	J	230	J	220	UJ	240	J	190	J
ACENAPHTHYLENE	ug/kg	SW8270	540	J	500	J	880	J	270	J	500	J	380	J
ANTHRACENE	ug/kg	SW8270	610	J	630	J	940	J	340	J	1600	J	1400	J
BENZO(A)ANTHRACENE	ug/kg	SW8270	1500	J	1600	J	2300	J	560	J	1300	J	1100	J
BENZO(A)PYRENE	ug/kg	SW8270	1700	J	1900	J	2300	J	580	J	1000	J	940	J
BENZO(B)FLUORANTHENE	ug/kg	SW8270	2000	J	2100	J	2800	J	790	J	1400	J	1300	J
BENZO(G,H,I)PERYLENE	ug/kg	SW8270	1100	J	1100	J	1500	J	570	J	830	J	680	J
BENZO(K)FLUORANTHENE	ug/kg	SW8270	710	J	860	J	1100	J	320	J	510	J	470	J
CHRYSENE	ug/kg	SW8270	1700	J	2000	J	2600	J	710	J	1600	J	1400	J
DIBENZO(A,H)ANTHRACENE	ug/kg	SW8270	310	J	350	J	440	J	130	J	200	J	170	J
FLUORANTHENE	ug/kg	SW8270	2000	J	2200	J	3000	J	1000	J	3200	J	3000	J
FLUORENE	ug/kg	SW8270	260	J	230	J	400	J	150	J	600	J	110	UJ
INDENO(1,2,3-CD)PYRENE	ug/kg	SW8270	1000	J	1100	J	1400	J	450	J	680	J	560	J
PHENANTHRENE	ug/kg	SW8270	880	J	890	J	1300	J	460	J	2300	J	2000	J
PHENOL	ug/kg	SW8270	210	UJ	190	UJ	340	UJ	220	UJ	360	UJ	54	J
PYRENE	ug/kg	SW8270	2100	J	2300	J	3300	J	930	J	2900	J	2200	J
SULFIDE	mg/kg	SW9030	1350	J	1040	J	1610	J	398	J	2710	J	2000	J
pH	S.U.	SW9045	7.5		7.3		7.6		8		7.7		7.7	

Table 3A
Onondaga Lake Phase II Pre-Design Investigation
Summary of Sediment Analytical Results

		Location	OL-VC-80042		OL-VC-80042		OL-VC-80043		OL-VC-80043		OL-VC-80044		OL-VC-80044	
		Sample Depth	0.0-0.5 Ft		0.5-3.3 Ft		0.0-0.5 Ft		0.5-3.3 Ft		0.0-0.5 Ft		0.5-3.3 Ft	
		Field Sample ID	OL-0205-01		OL-0205-02		OL-0204-16		OL-0204-17		OL-0204-14		OL-0204-15	
		Matrix	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
		Sample Purpose	Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample	
		Sample Date	10/6/2006		10/6/2006		10/6/2006		10/6/2006		10/6/2006		10/6/2006	
		Sample Delivery Group	6J070172 C6J070179		6J070172 C6J070179		6J070164 C6J070176		6J070164 C6J070176		6J070164 C6J070176		6J070164 C6J070176	
Parameter Name	Units	Analytical Method												
SOLIDS, PERCENT	%	ASTM D2216	30.3		36.7		28.9		28		28.6		33.8	
SOLIDS, PERCENT	%	E160.3	29.3		32.6		32.7		29.6		28.4		37.7	
NITROGEN, AMMONIA (AS N)	mg/kg	E350.1	327	J	444	J	295	J	661	J	205	J	325	J
TOTAL ORGANIC CARBON	mg/kg	Lloyd Kahn	39700	J	61300	J	70800	J	81400	J	37300	J	62700	J
MERCURY	mg/kg	SW7471	2.3	J	3.7	J	2	J	21.5	J	2.2	J	10.4	J
AROCLOR-1016	ug/kg	SW8082	280	UJ	250	UJ	50	UJ	280	UJ	58	UJ	44	UJ
AROCLOR-1221	ug/kg	SW8082	280	UJ	250	UJ	50	UJ	280	UJ	58	UJ	44	UJ
AROCLOR-1232	ug/kg	SW8082	280	UJ	250	UJ	50	UJ	280	UJ	58	UJ	44	UJ
AROCLOR-1242	ug/kg	SW8082	280	UJ	250	UJ	50	UJ	280	UJ	58	UJ	44	UJ
AROCLOR-1248	ug/kg	SW8082	310	J	1300	J	140	J	3000	J	140	J	880	J
AROCLOR-1254	ug/kg	SW8082	180	J	600	J	93	J	1800	J	76	J	520	J
AROCLOR-1260	ug/kg	SW8082	280	UJ	250	UJ	50	UJ	280	UJ	58	UJ	44	UJ
AROCLOR-1268	ug/kg	SW8082	280	UJ	250	UJ	50	UJ	280	UJ	58	UJ	44	UJ
PCBS, N.O.S.	ug/kg	SW8082	490	J	1900	J	233	J	4800	J	216	J	1400	J
1,2,3-TRICHLOROBENZENE	ug/kg	SW8260	17	UJ	15	UJ	15	UJ	17	UJ	18	UJ	13	UJ
1,2,4-TRICHLOROBENZENE	ug/kg	SW8260	17	UJ	15	UJ	15	UJ	17	UJ	18	UJ	13	UJ
1,2-DICHLOROBENZENE	ug/kg	SW8260	17	UJ	15	UJ	15	UJ	17	UJ	18	UJ	13	UJ
1,3,5-TRICHLOROBENZENE	ug/kg	SW8260	17	UJ	15	UJ	15	UJ	17	UJ	18	UJ	13	UJ
1,3-DICHLOROBENZENE	ug/kg	SW8260	17	UJ	15	UJ	15	UJ	17	UJ	18	UJ	13	UJ
1,4-DICHLOROBENZENE	ug/kg	SW8260	17	UJ	3.3	J	15	UJ	17	UJ	18	UJ	13	UJ
BENZENE	ug/kg	SW8260	17	UJ	15	UJ	15	UJ	17	UJ	18	UJ	13	UJ
CHLOROBENZENE	ug/kg	SW8260	17	UJ	17	J	15	UJ	17	UJ	18	UJ	13	UJ
ETHYLBENZENE	ug/kg	SW8260	17	UJ	15	UJ	15	UJ	17	UJ	18	UJ	13	UJ
NAPHTHALENE	ug/kg	SW8260	17	UJ	15	UJ	15	UJ	17	UJ	18	UJ	13	UJ
TOLUENE	ug/kg	SW8260	17	UJ	15	UJ	15	UJ	17	UJ	18	UJ	13	UJ
XYLENES, TOTAL	ug/kg	SW8260	51	UJ	46	UJ	46	UJ	51	UJ	53	UJ	40	UJ
ACENAPHTHENE	ug/kg	SW8270	45	J	130	J	34	J	130	J	120	UJ	48	J
ACENAPHTHYLENE	ug/kg	SW8270	170	J	230	J	110	J	280	J	71	J	140	J
ANTHRACENE	ug/kg	SW8270	210	J	380	J	160	J	620	J	110	J	260	J
BENZO(A)ANTHRACENE	ug/kg	SW8270	410	J	670	J	330	J	870	J	290	J	390	J
BENZO(A)PYRENE	ug/kg	SW8270	420	J	600	J	420	J	860	J	370	J	370	J
BENZO(B)FLUORANTHENE	ug/kg	SW8270	610	J	880	J	480	J	1000	J	430	J	560	J
BENZO(G,H,I)PERYLENE	ug/kg	SW8270	380	J	390	J	280	J	430	J	300	J	250	J
BENZO(K)FLUORANTHENE	ug/kg	SW8270	200	J	260	J	170	J	390	J	150	J	170	J
CHRYSENE	ug/kg	SW8270	490	J	860	J	410	J	1100	J	360	J	520	J
DIBENZO(A,H)ANTHRACENE	ug/kg	SW8270	94	J	100	J	80	J	160	J	77	J	72	J
FLUORANTHENE	ug/kg	SW8270	850	J	1900	J	540	J	1700	J	410	J	940	J
FLUORENE	ug/kg	SW8270	110	J	350	J	63	J	300	J	49	J	150	J
INDENO(1,2,3-CD)PYRENE	ug/kg	SW8270	310	J	330	J	260	J	450	J	270	J	230	J
PHENANTHRENE	ug/kg	SW8270	380	J	1100	J	230	J	1200	J	180	J	420	J
PHENOL	ug/kg	SW8270	110	UJ	44	J	150	J	250	J	300	J	18	J
PYRENE	ug/kg	SW8270	830	J	1200	J	480	J	1400	J	470	J	640	J
SULFIDE	mg/kg	SW9030	273	J	1600	J	733	J	1890	J	1410	J	954	J
pH	S.U.	SW9045	10.4		7.7		10.4		11.2		10.1		10.3	

Table 3A
Onondaga Lake Phase II Pre-Design Investigation
Summary of Sediment Analytical Results

		Location	OL-VC-80045		OL-VC-80045		OL-VC-80046		OL-VC-80046		OL-VC-80047		OL-VC-80047	
		Sample Depth	0.0-0.5 Ft		0.5-3.3 Ft		0.0-0.5 Ft		0.5-3.3 Ft		0.0-0.5 Ft		0.5-3.3 Ft	
		Field Sample ID	OL-0204-12		OL-0204-13		OL-0206-09		OL-0206-10		OL-0207-06		OL-0207-07	
		Matrix	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
		Sample Purpose	Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample	
		Sample Date	10/6/2006		10/6/2006		10/7/2006		10/7/2006		10/9/2006		10/9/2006	
		Sample Delivery Group	6J070164 C6J070176		6J070164 C6J070176		6J100153 C6J100159		6J100153 C6J100159		6J100156 C6J100162		6J100156 C6J100162	
Parameter Name	Units	Analytical Method												
SOLIDS, PERCENT	%	ASTM D2216	35.2		34.6		34.3		45.5		29.8		38.9	
SOLIDS, PERCENT	%	E160.3	36.5		35.1		39.7		45.5		34.6		42.1	
NITROGEN, AMMONIA (AS N)	mg/kg	E350.1	396	J	308	J	116	J	295	J	166	J	467	J
TOTAL ORGANIC CARBON	mg/kg	Lloyd Kahn	56900	J	29900	J	48500	J	40700	J	42200	J	59700	J
MERCURY	mg/kg	SW7471	30.2	J	7	J	3.1	J	3.1	J	1.6	J	2.5	J
AROCLOR-1016	ug/kg	SW8082	45	UJ	47	UJ								
AROCLOR-1221	ug/kg	SW8082	45	UJ	47	UJ								
AROCLOR-1232	ug/kg	SW8082	45	UJ	47	UJ								
AROCLOR-1242	ug/kg	SW8082	45	UJ	47	UJ								
AROCLOR-1248	ug/kg	SW8082	1400	J	220	J								
AROCLOR-1254	ug/kg	SW8082	700	J	170	J								
AROCLOR-1260	ug/kg	SW8082	45	UJ	47	UJ								
AROCLOR-1268	ug/kg	SW8082	45	UJ	47	UJ								
PCBS, N.O.S.	ug/kg	SW8082	2100	J	390	J								
1,2,3-TRICHLOROBENZENE	ug/kg	SW8260	14	UJ	14	UJ	13	UJ	11	UJ	14	UJ	12	UJ
1,2,4-TRICHLOROBENZENE	ug/kg	SW8260	14	UJ	14	UJ	13	UJ	11	UJ	14	UJ	12	UJ
1,2-DICHLOROBENZENE	ug/kg	SW8260	14	UJ	14	UJ	13	UJ	11	UJ	14	UJ	12	UJ
1,3,5-TRICHLOROBENZENE	ug/kg	SW8260	14	UJ	14	UJ	13	UJ	11	UJ	14	UJ	12	UJ
1,3-DICHLOROBENZENE	ug/kg	SW8260	14	UJ	14	UJ	13	UJ	3.7	J	14	UJ	12	UJ
1,4-DICHLOROBENZENE	ug/kg	SW8260	14	UJ	14	UJ	13	UJ	1.8	J	14	UJ	12	UJ
BENZENE	ug/kg	SW8260	14	UJ	14	UJ	13	UJ	11	UJ	14	UJ	12	UJ
CHLOROBENZENE	ug/kg	SW8260	14	UJ	14	UJ	13	UJ	11	UJ	14	UJ	12	UJ
ETHYLBENZENE	ug/kg	SW8260	14	UJ	14	UJ	13	UJ	11	UJ	14	UJ	12	UJ
NAPHTHALENE	ug/kg	SW8260	14	UJ	14	UJ	13	UJ	11	UJ	14	UJ	12	UJ
TOLUENE	ug/kg	SW8260	14	UJ	14	UJ	13	UJ	11	UJ	14	UJ	12	UJ
XYLENES, TOTAL	ug/kg	SW8260	41	UJ	43	UJ	38	UJ	33	UJ	43	UJ	36	UJ
ACENAPHTHENE	ug/kg	SW8270	68	J	43	J								
ACENAPHTHYLENE	ug/kg	SW8270	150	J	120	J								
ANTHRACENE	ug/kg	SW8270	310	J	210	J								
BENZO(A)ANTHRACENE	ug/kg	SW8270	510	J	310	J								
BENZO(A)PYRENE	ug/kg	SW8270	500	J	320	J								
BENZO(B)FLUORANTHENE	ug/kg	SW8270	690	J	420	J								
BENZO(G,H,I)PERYLENE	ug/kg	SW8270	350	J	170	J								
BENZO(K)FLUORANTHENE	ug/kg	SW8270	240	J	120	J								
CHRYSENE	ug/kg	SW8270	620	J	400	J								
DIBENZO(A,H)ANTHRACENE	ug/kg	SW8270	96	J	67	J								
FLUORANTHENE	ug/kg	SW8270	1100	J	760	J								
FLUORENE	ug/kg	SW8270	180	J	100	J								
INDENO(1,2,3-CD)PYRENE	ug/kg	SW8270	300	J	200	J								
PHENANTHRENE	ug/kg	SW8270	550	J	390	J								
PHENOL	ug/kg	SW8270	91	UJ	100	J	84	UJ	73	UJ	48	UJ	40	UJ
PYRENE	ug/kg	SW8270	890	J	580	J								
SULFIDE	mg/kg	SW9030	768	J	342	J	504	J	330	UJ	1500	J	356	UJ
pH	S.U.	SW9045	7.9		10.8		7.6		7.9		7.5		7.6	

Table 3A
Onondaga Lake Phase II Pre-Design Investigation
Summary of Sediment Analytical Results

		Location	OL-VC-80048		OL-VC-80048		OL-VC-80049		OL-VC-80049		OL-VC-80050		OL-VC-80050	
		Sample Depth	0.0-0.5 Ft		0.5-3.3 Ft		0.0-0.5 Ft		0.5-3.3 Ft		0.0-0.5 Ft		0.5-3.3 Ft	
		Field Sample ID	OL-0207-08		OL-0207-09		OL-0206-11		OL-0206-12		OL-0215-09		OL-0215-10	
		Matrix	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
		Sample Purpose	Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample	
		Sample Date	10/9/2006		10/9/2006		10/7/2006		10/7/2006		10/10/2006		10/10/2006	
		Sample Delivery Group	6J100156 C6J100162		6J100156 C6J100162		6J100153 C6J100159		6J100153 C6J100159		6J110197 C6J110216		6J110197 C6J110216	
Parameter Name	Units	Analytical Method												
SOLIDS, PERCENT	%	ASTM D2216	36.6		44.5		30.7		29.7		24.4		29.6	
SOLIDS, PERCENT	%	E160.3	39.5		44.9		29.2		28.8		23.8		29	
NITROGEN, AMMONIA (AS N)	mg/kg	E350.1	108	J	525	J	363	J	538	J	578	J	1030	J
TOTAL ORGANIC CARBON	mg/kg	Lloyd Kahn	30700	J	34200	J	40800	J	81700	J	43200	J	83500	J
MERCURY	mg/kg	SW7471	1.7	J	2.6	J	2.7	J	19.2	J	2.9	J	19.3	J
AROCLOR-1016	ug/kg	SW8082					280	UJ	290	UJ	69	UJ	1100	UJ
AROCLOR-1221	ug/kg	SW8082					280	UJ	290	UJ	69	UJ	1100	UJ
AROCLOR-1232	ug/kg	SW8082					280	UJ	290	UJ	69	UJ	1100	UJ
AROCLOR-1242	ug/kg	SW8082					280	UJ	290	UJ	69	UJ	1100	UJ
AROCLOR-1248	ug/kg	SW8082					230	J	2000	J	230	J	4300	J
AROCLOR-1254	ug/kg	SW8082					130	J	1200	J	69	UJ	1100	UJ
AROCLOR-1260	ug/kg	SW8082					280	UJ	290	UJ	100	J	1100	J
AROCLOR-1268	ug/kg	SW8082					280	UJ	290	UJ	69	UJ	1100	UJ
PCBS, N.O.S.	ug/kg	SW8082					360	J	3200	J	330	J	5400	J
1,2,3-TRICHLOROBENZENE	ug/kg	SW8260	13	UJ	11	UJ	17	UJ	17	UJ	21	UJ	860	UJ
1,2,4-TRICHLOROBENZENE	ug/kg	SW8260	13	UJ	11	UJ	17	UJ	17	UJ	21	UJ	860	UJ
1,2-DICHLOROBENZENE	ug/kg	SW8260	13	UJ	11	UJ	17	UJ	7.2	J	21	UJ	380	J
1,3,5-TRICHLOROBENZENE	ug/kg	SW8260	13	UJ	11	UJ	17	UJ	17	UJ	21	UJ	860	UJ
1,3-DICHLOROBENZENE	ug/kg	SW8260	13	UJ	11	UJ	17	UJ	7.5	J	21	UJ	280	J
1,4-DICHLOROBENZENE	ug/kg	SW8260	13	UJ	11	UJ	17	UJ	24	J	14	J	950	J
BENZENE	ug/kg	SW8260	13	UJ	1.7	J	17	UJ	15	J	8.4	J	320	J
CHLOROBENZENE	ug/kg	SW8260	13	UJ	2.6	J	13	J	59	J	25	J	910	J
ETHYLBENZENE	ug/kg	SW8260	13	UJ	11	UJ	17	UJ	21	J	21	UJ	430	J
NAPHTHALENE	ug/kg	SW8260	13	UJ	11	UJ	17	UJ	270	J	21	UJ	950	J
TOLUENE	ug/kg	SW8260	13	UJ	11	UJ	17	UJ	6.9	J	21	UJ	130	J
XYLENES, TOTAL	ug/kg	SW8260	38	UJ	33	UJ	51	UJ	210	J	63	UJ	4600	J
ACENAPHTHENE	ug/kg	SW8270					79	J	440	J	94	J	300	J
ACENAPHTHYLENE	ug/kg	SW8270					270	J	890	J	340	J	540	J
ANTHRACENE	ug/kg	SW8270					350	J	1800	J	350	J	830	J
BENZO(A)ANTHRACENE	ug/kg	SW8270					720	J	2500	J	710	J	1200	J
BENZO(A)PYRENE	ug/kg	SW8270					870	J	2300	J	790	J	1100	J
BENZO(B)FLUORANTHENE	ug/kg	SW8270					1000	J	2700	J	1300	J	1800	J
BENZO(G,H,I)PERYLENE	ug/kg	SW8270					530	J	980	J	820	J	930	J
BENZO(K)FLUORANTHENE	ug/kg	SW8270					410	J	1100	J	70	UJ	120	UJ
CHRYSENE	ug/kg	SW8270					910	J	3000	J	950	J	1600	J
DIBENZO(A,H)ANTHRACENE	ug/kg	SW8270					160	J	390	J	180	J	200	J
FLUORANTHENE	ug/kg	SW8270					1100	J	5500	J	1300	J	2700	J
FLUORENE	ug/kg	SW8270					150	J	980	J	150	J	480	J
INDENO(1,2,3-CD)PYRENE	ug/kg	SW8270					510	J	1100	J	640	J	720	J
PHENANTHRENE	ug/kg	SW8270					460	J	3700	J	680	J	2100	J
PHENOL	ug/kg	SW8270	42	UJ	37	UJ	110	UJ	230	UJ	50	J	42	J
PYRENE	ug/kg	SW8270					1100	J	4100	J	1100	J	2100	J
SULFIDE	mg/kg	SW9030	380	UJ	334	UJ	137	J	2920	J	2180	J	967	J
pH	S.U.	SW9045	7.5		7.5		7.6		7.7		7.9		7.8	

Table 3A
Onondaga Lake Phase II Pre-Design Investigation
Summary of Sediment Analytical Results

		Location	OL-VC-80050		OL-VC-80050		OL-VC-80050		OL-VC-80050		OL-VC-80050		OL-VC-80051	
		Sample Depth	3.3-6.6 Ft		6.6-9.9 Ft		9.9-13.2 Ft		13.2-16.5 Ft		16.5-17.0 Ft		0.0-0.5 Ft	
		Field Sample ID	OL-0215-11		OL-0215-12		OL-0215-13		OL-0215-14		OL-0215-15		OL-0217-01	
		Matrix	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
		Sample Purpose	Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample	
		Sample Date	10/10/2006		10/10/2006		10/10/2006		10/10/2006		10/10/2006		10/10/2006	
		Sample Delivery Group	6J110197 C6J110216		6J110197 C6J110216		6J110197 C6J110216		6J110197 C6J110216		6J110197 C6J110216		6J110201 C6J110221	
Parameter Name	Units	Analytical Method												
SOLIDS, PERCENT	%	ASTM D2216	35.6		40.2		44.6		50.1		51.6		26.7	
SOLIDS, PERCENT	%	E160.3	35.4		39.3		44.7		50.7		52.3		27.4	
NITROGEN, AMMONIA (AS N)	mg/kg	E350.1	618	J	576	J	303	J	171		113		646	J
TOTAL ORGANIC CARBON	mg/kg	Lloyd Kahn	44600	J	58500	J	37400	J	33300	J	32800	J	45600	J
MERCURY	mg/kg	SW7471	0.72	J	2	J	0.14	J	0.021	J	0.018	J	3.2	J
AROCLOR-1016	ug/kg	SW8082	47	UJ	42	UJ	37	UJ	33	U	32	U	60	UJ
AROCLOR-1221	ug/kg	SW8082	47	UJ	42	UJ	37	UJ	33	U	32	U	60	UJ
AROCLOR-1232	ug/kg	SW8082	47	UJ	42	UJ	37	UJ	33	U	32	U	60	UJ
AROCLOR-1242	ug/kg	SW8082	47	UJ	42	UJ	37	UJ	33	U	32	U	60	UJ
AROCLOR-1248	ug/kg	SW8082	47	UJ	42	UJ	37	UJ	33	U	32	U	270	J
AROCLOR-1254	ug/kg	SW8082	47	UJ	42	UJ	37	UJ	33	U	32	U	60	UJ
AROCLOR-1260	ug/kg	SW8082	42	J	42	UJ	37	UJ	33	U	32	U	130	J
AROCLOR-1268	ug/kg	SW8082	47	UJ	42	UJ	37	UJ	33	U	32	U	60	UJ
PCBS, N.O.S.	ug/kg	SW8082	42	J	42	UJ	37	UJ	33	U	32	U	400	J
1,2,3-TRICHLOROBENZENE	ug/kg	SW8260	18000	UJ	3200	UJ	11	UJ	9.9	U	9.6	U	18	UJ
1,2,4-TRICHLOROBENZENE	ug/kg	SW8260	18000	UJ	3200	UJ	11	UJ	9.9	U	9.6	U	18	UJ
1,2-DICHLOROBENZENE	ug/kg	SW8260	3200	J	510	J	11	UJ	9.9	U	9.6	U	18	UJ
1,3,5-TRICHLOROBENZENE	ug/kg	SW8260	18000	UJ	3200	UJ	11	UJ	9.9	U	9.6	U	18	UJ
1,3-DICHLOROBENZENE	ug/kg	SW8260	18000	UJ	3200	UJ	11	UJ	9.9	U	9.6	U	18	UJ
1,4-DICHLOROBENZENE	ug/kg	SW8260	3400	J	940	J	11	UJ	9.9	U	9.6	U	18	UJ
BENZENE	ug/kg	SW8260	18000	UJ	3200	UJ	11	UJ	9.9	U	9.6	U	18	UJ
CHLOROBENZENE	ug/kg	SW8260	18000	UJ	550	J	11	UJ	9.9	U	9.6	U	16	J
ETHYLBENZENE	ug/kg	SW8260	3400	J	1000	J	11	UJ	9.9	U	9.6	U	18	UJ
NAPHTHALENE	ug/kg	SW8260	350000	J	57000	J	11	UJ	9.9	UJ	9.6	UJ	5.4	J
TOLUENE	ug/kg	SW8260	1900	J	390	J	11	UJ	9.9	U	9.6	U	18	UJ
XYLENES, TOTAL	ug/kg	SW8260	61000	J	9800	J	34	UJ	30	U	29	U	55	UJ
ACENAPHTHENE	ug/kg	SW8270	650	J	2600	J	25	J	13	U	13	U	160	J
ACENAPHTHYLENE	ug/kg	SW8270	2600	J	1500	J	19	J	13	U	13	U	490	J
ANTHRACENE	ug/kg	SW8270	1100	J	4300	J	57	J	13	U	13	U	550	J
BENZO(A)ANTHRACENE	ug/kg	SW8270	830	J	4300	J	110	J	13	U	13	U	1300	J
BENZO(A)PYRENE	ug/kg	SW8270	630	J	3000	J	110	J	13	U	13	U	1500	J
BENZO(B)FLUORANTHENE	ug/kg	SW8270	660	J	3300	J	95	J	13	U	3.2	J	1800	J
BENZO(G,H,I)PERYLENE	ug/kg	SW8270	500	J	2000	J	74	J	13	U	2.6	J	1500	J
BENZO(K)FLUORANTHENE	ug/kg	SW8270	380	J	850	UJ	57	J	13	U	13	U	840	J
CHRYSENE	ug/kg	SW8270	850	J	4200	J	94	J	13	U	3	J	1700	J
DIBENZO(A,H)ANTHRACENE	ug/kg	SW8270	120	J	620	J	19	J	13	U	13	U	330	J
FLUORANTHENE	ug/kg	SW8270	1800	J	6600	J	190	J	13	U	13	U	2100	J
FLUORENE	ug/kg	SW8270	1100	J	2800	J	38	J	13	U	4.5	J	230	J
INDENO(1,2,3-CD)PYRENE	ug/kg	SW8270	430	J	1600	J	64	J	13	U	13	U	1100	J
PHENANTHRENE	ug/kg	SW8270	3200	J	11000	J	110	J	7.2	J	10	J	1200	J
PHENOL	ug/kg	SW8270	94	UJ	850	UJ	15	UJ	13	U	5.7	J	240	UJ
PYRENE	ug/kg	SW8270	1200	J	7700	J	150	J	2.7	J	5	J	2300	J
SULFIDE	mg/kg	SW9030	113	J	2750	J	984	J	296	UJ	287	UJ	2630	J
pH	S.U.	SW9045	8.3		8		7.6		7.5		7.4		8	

Table 3A
Onondaga Lake Phase II Pre-Design Investigation
Summary of Sediment Analytical Results

		Location	OL-VC-80051		OL-VC-80051		OL-VC-80051		OL-VC-80051		OL-VC-80051		OL-VC-80051	
		Sample Depth	0.5-3.3 Ft		3.3-6.6 Ft		6.6-9.9 Ft		9.9-13.2 Ft		13.2-16.5 Ft		16.5-19.0 Ft	
		Field Sample ID	OL-0217-02		OL-0217-03		OL-0217-04		OL-0217-05		OL-0217-06		OL-0217-07	
		Matrix	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
		Sample Purpose	Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample	
		Sample Date	10/10/2006		10/10/2006		10/10/2006		10/10/2006		10/10/2006		10/10/2006	
		Sample Delivery Group	6J110201 C6J110221		6J110201 C6J110221		6J110201 C6J110221		6J110201 C6J110221		6J110201 C6J110221		6J110201 C6J110221	
Parameter Name	Units	Analytical Method												
SOLIDS, PERCENT	%	ASTM D2216	31.3		35.5		35.6		45.8		47.4		51.6	
SOLIDS, PERCENT	%	E160.3	30.9		32.5		36.4		46.7		46.8		52.4	
NITROGEN, AMMONIA (AS N)	mg/kg	E350.1	1000	J	1150	J	711	J	533	J	313	J	129	J
TOTAL ORGANIC CARBON	mg/kg	Lloyd Kahn	61900	J	55000	J	53000	J	41400	J	36000	J	31400	
MERCURY	mg/kg	SW7471	5.3	J	14.6	J	0.88	J	1.7	J	0.078	J	0.028	J
AROCLOR-1016	ug/kg	SW8082	530	UJ	510	UJ	45	UJ	35	UJ	35	UJ	32	U
AROCLOR-1221	ug/kg	SW8082	530	UJ	510	UJ	45	UJ	35	UJ	35	UJ	32	U
AROCLOR-1232	ug/kg	SW8082	530	UJ	510	UJ	45	UJ	35	UJ	35	UJ	32	U
AROCLOR-1242	ug/kg	SW8082	530	UJ	510	UJ	45	UJ	35	UJ	35	UJ	32	U
AROCLOR-1248	ug/kg	SW8082	3500	J	1500	J	68	J	35	UJ	35	UJ	32	U
AROCLOR-1254	ug/kg	SW8082	530	UJ	510	UJ	45	UJ	35	UJ	35	UJ	32	U
AROCLOR-1260	ug/kg	SW8082	1300	J	960	J	71	J	35	UJ	35	UJ	32	U
AROCLOR-1268	ug/kg	SW8082	530	UJ	510	UJ	45	UJ	35	UJ	35	UJ	32	U
PCBS, N.O.S.	ug/kg	SW8082	4800	J	2460	J	139	J	35	UJ	35	UJ	32	U
1,2,3-TRICHLOROBENZENE	ug/kg	SW8260	16	UJ	7700	UJ	3400	UJ	11	UJ	11	UJ	9.5	U
1,2,4-TRICHLOROBENZENE	ug/kg	SW8260	16	UJ	7700	UJ	3400	UJ	11	UJ	11	UJ	9.5	U
1,2-DICHLOROBENZENE	ug/kg	SW8260	3.2	J	790	J	450	J	2.7	J	11	UJ	9.5	U
1,3,5-TRICHLOROBENZENE	ug/kg	SW8260	16	UJ	7700	UJ	3400	UJ	11	UJ	11	UJ	9.5	U
1,3-DICHLOROBENZENE	ug/kg	SW8260	3.4	J	7700	UJ	3400	UJ	11	UJ	11	UJ	9.5	U
1,4-DICHLOROBENZENE	ug/kg	SW8260	12	J	1800	J	1300	J	4.7	J	11	UJ	9.5	U
BENZENE	ug/kg	SW8260	18	J	7700	UJ	3400	UJ	18	J	11	UJ	9.5	U
CHLOROBENZENE	ug/kg	SW8260	49	J	7700	UJ	710	J	12	J	11	UJ	9.5	U
ETHYLBENZENE	ug/kg	SW8260	16	UJ	1700	J	2000	J	32	J	11	UJ	9.5	U
NAPHTHALENE	ug/kg	SW8260	16	UJ	120000	J	54000	J	350	J	4.8	J	9.5	U
TOLUENE	ug/kg	SW8260	16	UJ	1200	J	1100	J	8.1	J	11	UJ	9.5	U
XYLENES, TOTAL	ug/kg	SW8260	15	J	33000	J	28000	J	310	J	32	UJ	29	U
ACENAPHTHENE	ug/kg	SW8270	310	J	1100	J	1100	J	2000	J	19	J	13	U
ACENAPHTHYLENE	ug/kg	SW8270	690	J	2200	J	3700	J	1500	J	14	J	13	U
ANTHRACENE	ug/kg	SW8270	1000	J	2200	J	2100	J	3800	J	81	J	13	U
BENZO(A)ANTHRACENE	ug/kg	SW8270	1800	J	2600	J	1100	J	4100	J	180	J	13	U
BENZO(A)PYRENE	ug/kg	SW8270	1900	J	2500	J	880	J	3400	J	160	J	13	U
BENZO(B)FLUORANTHENE	ug/kg	SW8270	3200	J	2900	J	980	J	4000	J	220	J	13	U
BENZO(G,H,I)PERYLENE	ug/kg	SW8270	1700	J	1800	J	580	J	2100	J	110	J	13	U
BENZO(K)FLUORANTHENE	ug/kg	SW8270	220	UJ	1200	J	530	J	140	UJ	21	UJ	13	U
CHRYSENE	ug/kg	SW8270	2400	J	3200	J	1100	J	4100	J	140	J	13	U
DIBENZO(A,H)ANTHRACENE	ug/kg	SW8270	390	J	430	J	160	J	560	J	27	J	13	U
FLUORANTHENE	ug/kg	SW8270	3600	J	5700	J	3000	J	6600	J	240	J	13	U
FLUORENE	ug/kg	SW8270	520	J	1500	J	1900	J	2200	J	38	J	13	U
INDENO(1,2,3-CD)PYRENE	ug/kg	SW8270	1300	J	1400	J	470	J	1600	J	94	J	13	U
PHENANTHRENE	ug/kg	SW8270	2300	J	6500	J	5400	J	9600	J	110	J	5.2	J
PHENOL	ug/kg	SW8270	86	J	140	J	150	J	140	UJ	15	J	6.4	J
PYRENE	ug/kg	SW8270	3400	J	4600	J	1500	J	6800	J	270	J	13	U
SULFIDE	mg/kg	SW9030	2200	J	1230	J	330	J	2660	J	171	J	76.4	J
pH	S.U.	SW9045	8		8.6		9		8		7.5		7.5	

Table 3A
Onondaga Lake Phase II Pre-Design Investigation
Summary of Sediment Analytical Results

		Location	OL-VC-80051	
		Sample Depth	16.5-19.0 Ft	
		Field Sample ID	OL-0217-08	
		Matrix	SOIL	
		Sample Purpose	Field Duplicate	
		Sample Date	10/10/2006	
		Sample Delivery Group	6J110201 C6J110221	
Parameter Name	Units	Analytical Method		
SOLIDS, PERCENT	%	ASTM D2216	50.4	
SOLIDS, PERCENT	%	E160.3	51.8	
NITROGEN, AMMONIA (AS N)	mg/kg	E350.1	154	J
TOTAL ORGANIC CARBON	mg/kg	Lloyd Kahn	33600	
MERCURY	mg/kg	SW7471	0.028	J
AROCLOR-1016	ug/kg	SW8082	32	U
AROCLOR-1221	ug/kg	SW8082	32	U
AROCLOR-1232	ug/kg	SW8082	32	U
AROCLOR-1242	ug/kg	SW8082	32	U
AROCLOR-1248	ug/kg	SW8082	32	U
AROCLOR-1254	ug/kg	SW8082	32	U
AROCLOR-1260	ug/kg	SW8082	32	U
AROCLOR-1268	ug/kg	SW8082	32	U
PCBS, N.O.S.	ug/kg	SW8082	32	U
1,2,3-TRICHLOROBENZENE	ug/kg	SW8260	9.6	U
1,2,4-TRICHLOROBENZENE	ug/kg	SW8260	9.6	U
1,2-DICHLOROBENZENE	ug/kg	SW8260	9.6	U
1,3,5-TRICHLOROBENZENE	ug/kg	SW8260	9.6	U
1,3-DICHLOROBENZENE	ug/kg	SW8260	9.6	U
1,4-DICHLOROBENZENE	ug/kg	SW8260	9.6	U
BENZENE	ug/kg	SW8260	9.6	U
CHLOROBENZENE	ug/kg	SW8260	9.6	U
ETHYLBENZENE	ug/kg	SW8260	9.6	U
NAPHTHALENE	ug/kg	SW8260	9.6	U
TOLUENE	ug/kg	SW8260	9.6	U
XYLENES, TOTAL	ug/kg	SW8260	29	U
ACENAPHTHENE	ug/kg	SW8270	13	U
ACENAPHTHYLENE	ug/kg	SW8270	13	U
ANTHRACENE	ug/kg	SW8270	13	U
BENZO(A)ANTHRACENE	ug/kg	SW8270	13	U
BENZO(A)PYRENE	ug/kg	SW8270	13	U
BENZO(B)FLUORANTHENE	ug/kg	SW8270	13	U
BENZO(G,H,I)PERYLENE	ug/kg	SW8270	13	U
BENZO(K)FLUORANTHENE	ug/kg	SW8270	13	U
CHRYSENE	ug/kg	SW8270	13	U
DIBENZO(A,H)ANTHRACENE	ug/kg	SW8270	13	U
FLUORANTHENE	ug/kg	SW8270	13	U
FLUORENE	ug/kg	SW8270	13	U
INDENO(1,2,3-CD)PYRENE	ug/kg	SW8270	13	U
PHENANTHRENE	ug/kg	SW8270	4.3	J
PHENOL	ug/kg	SW8270	4.9	J
PYRENE	ug/kg	SW8270	13	U
SULFIDE	mg/kg	SW9030	289	UJ
pH	S.U.	SW9045	7.4	

Table 3B
Summary of Porewater Analytical Results

		Location	OL-PP-10034		OL-PP-10034		OL-PP-10034		OL-PP-10034		OL-PP-10034		OL-PP-10034		OL-PP-10034		OL-PP-10034	
		Sample Depth	2.0-3.0 Ft (0-1)		3.0-4.0 Ft (1-2)		4.0-5.0 Ft (2-3)		5.0-6.0 Ft (3-4)		6.0-7.0 Ft (4-5)		7.0-8.0 Ft (5-6)		8.0-9.0 Ft (6-7)		9.0-10.0 Ft (7-8)	
		Field Sample ID	OL-0214-05		OL-0214-07		OL-0214-11		OL-0214-12		OL-0214-10		OL-0214-09		OL-0214-08		OL-0214-06	
		Matrix	WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER	
		Sample Delivery Group	C6J110327		C6J110327		C6J110327		C6J110327		C6J110327		C6J110327		C6J110327		C6J110327	
		Lab Sample ID	C6J110327005		C6J110327007		C6J110327011		C6J110327012		C6J110327010		C6J110327009		C6J110327008		C6J110327006	
		Membrane Type	Teflon		Teflon		Teflon		Teflon		Teflon		Teflon		Teflon		Teflon	
		Duration of Installment	4 Weeks		4 Weeks		4 Weeks		4 Weeks		4 Weeks		4 Weeks		4 Weeks		4 Weeks	
		Sample Type	POREWATER		POREWATER		POREWATER		POREWATER		POREWATER		POREWATER		POREWATER		POREWATER	
Parameter Name	Units	Analytical Method																
SPECIFIC CONDUCTIVITY	umhos/cm	E120.1					233		396									
pH	S.U.	E150.1					9.6	J	9.8	J								
DISSOLVED ORGANIC CARBON	mg/L	E415.1	13.3															
MERCURY	ug/L	SW7470	2	U	2	U					1.3	J			3.8		1.1	J
1,2,3-TRICHLOROBENZENE	ug/L	SW8260	5	U	5	U	5	UJ	5	UJ	5	U	5	U	5	U	2.3	J
1,2,4-TRICHLOROBENZENE	ug/L	SW8260	5	U	5	U	5	U	5	U	5	U	5	U	5	U	9.2	
1,2-DICHLOROBENZENE	ug/L	SW8260	3.4	J	2.5	J	7.5		3.8	J	3	J	3.5	J	30		170	
1,3,5-TRICHLOROBENZENE	ug/L	SW8260	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
1,3-DICHLOROBENZENE	ug/L	SW8260	2	J	0.67	J	1.1	J	0.55	J	0.5	J	5	U	5	U	5	U
1,4-DICHLOROBENZENE	ug/L	SW8260	21		9.3		20		8.5		7.7		7.8		55		370	
BENZENE	ug/L	SW8260	480		890		530		310		580		550		180		250	
CHLOROBENZENE	ug/L	SW8260	650		1100		480		240		500		150		990		790	
ETHYLBENZENE	ug/L	SW8260	13		6.3		3.8	J	2.8	J	2	J	1.9	J	1.9	J	16	
NAPHTHALENE	ug/L	SW8260	210		130		150		130		120		170		460		570	
TOLUENE	ug/L	SW8260	11		20		30		42		34		24		18		78	
XYLENES, TOTAL	ug/L	SW8260	220		73		41		31		23		22		25		200	

Table 3B
Summary of Porewater Analytical Results

		Location	OL-PP-10036		OL-PP-10036		OL-PP-10036		OL-PP-10036		OL-PP-10036		OL-PP-10036		OL-PP-10036		OL-PP-10036	
		Sample Depth	2.0-4.0 Ft (0-2)		4.0-5.0 Ft (2-3)		5.0-6.0 Ft (3-4)		6.0-7.0 Ft (4-5)		7.0-8.0 Ft (5-6)		8.0-9.0 Ft (6-7)		9.0-10.0 Ft (7-8)		10.0-11.0 Ft (8-9)	
		Field Sample ID	OL-0212-19		OL-0212-18		OL-0212-20		OL-0214-03		OL-0214-04		OL-0214-02		OL-0214-01		OL-0212-17	
		Matrix	WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER	
		Sample Delivery Group	C6J110307		C6J110307		C6J110307		C6J110327		C6J110327		C6J110327		C6J110327		C6J110307	
		Lab Sample ID	C6J110307019		C6J110307018		C6J110307020		C6J110327003		C6J110327004		C6J110327002		C6J110327001		C6J110307017	
		Membrane Type	Teflon		Teflon		Teflon		Teflon		Teflon		Teflon		Teflon		Teflon	
		Duration of Installment	4 Weeks		4 Weeks		4 Weeks		4 Weeks		4 Weeks		4 Weeks		4 Weeks		4 Weeks	
		Sample Type	POREWATER		POREWATER		POREWATER		POREWATER		POREWATER		POREWATER		POREWATER		POREWATER	
Parameter Name	Units	Analytical Method																
SPECIFIC CONDUCTIVITY	umhos/cm	E120.1	2470		3000		2780		3000		3240		4050		7410		10900	
pH	S.U.	E150.1	11.6	J	11.7	J	11.6	J	11.6	J	11.6	J	11.6	J	11.8	J	12	J
DISSOLVED ORGANIC CARBON	mg/L	E415.1	74.8		100		69.5		79.8		90.8		95.2		119		137	
MERCURY	ug/L	SW7470	0.54	J	1	U	1	U	2	U	2	U	0.85	J	3		2.5	
1,2,3-TRICHLOROBENZENE	ug/L	SW8260	20	UJ	12	U	12	U	50	U	50	U	4	J	50	U	3.2	J
1,2,4-TRICHLOROBENZENE	ug/L	SW8260	7	J	12	U	6.8	J	12	J	7.3	J	31		50	U	11	
1,2-DICHLOROBENZENE	ug/L	SW8260	160		5.4	J	43		110		58		190		120		130	
1,3,5-TRICHLOROBENZENE	ug/L	SW8260	20	UJ	12	UJ	12	U	50	U	50	U	5	U	50	U	10	UJ
1,3-DICHLOROBENZENE	ug/L	SW8260	20	U	12	U	12	U	50	U	50	U	5	U	50	U	10	U
1,4-DICHLOROBENZENE	ug/L	SW8260	270		7.7	J	80		260		120		390		240		230	
BENZENE	ug/L	SW8260	450		150		400		320		99		180		130		150	
CHLOROBENZENE	ug/L	SW8260	760		68		310		660		330		1200		920	J	1300	
ETHYLBENZENE	ug/L	SW8260	62		12	U	13		32	J	50	U	65		25	J	47	
NAPHTHALENE	ug/L	SW8260	2400		3600		2700		990		970		380		530		2400	
TOLUENE	ug/L	SW8260	380		23		110		110		34	J	150		82		130	
XYLENES, TOTAL	ug/L	SW8260	1200		30	J	240		580		200		690		490		760	

Table 3B
Summary of Porewater Analytical Results

		Location	OL-PP-10040		OL-PP-10040		OL-PP-10040		OL-PP-10040		OL-PP-10040		OL-PP-10040		OL-PP-10040		OL-PP-10040	
		Sample Depth	2.0-3.0 Ft (0-1)		3.0-4.0 Ft (1-2)		4.0-5.0 Ft (2-3)		5.0-6.0 (3-4) Ft		6.0-7.0 Ft (4-5)		7.0-8.0 Ft (5-6)		8.0-9.0 Ft (6-7)		9.0-10.0 Ft (7-8)	
		Field Sample ID	OL-0238-17		OL-0238-19		OL-0240-01		OL-0240-03		OL-0240-04		OL-0240-05		OL-0240-02		OL-0238-20	
		Matrix	WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER	
		Sample Delivery Group	C6K070207		C6K070207		C6K070216		C6K070216		C6K070216		C6K070216		C6K070216		C6K070207	
		Lab Sample ID	C6K070207017		C6K070207019		C6K070216001		C6K070216003		C6K070216004		C6K070216005		C6K070216002		C6K070207020	
		Membrane Type	Tuffryn		Tuffryn		Tuffryn		Tuffryn		Tuffryn		Tuffryn		Tuffryn		Tuffryn	
		Duration of Installment	3 Weeks		3 Weeks		3 Weeks		3 Weeks		3 Weeks		3 Weeks		3 Weeks		3 Weeks	
		Sample Type	POREWATER		POREWATER		POREWATER		POREWATER		POREWATER		POREWATER		POREWATER		POREWATER	
Parameter Name	Units	Analytical Method																
SPECIFIC CONDUCTIVITY	umhos/cm	E120.1	6970		6930		6500		6780		7150		8000				8250	
pH	S.U.	E150.1	11.9		11.8		11.6		11.7		11.9		12				12	
DISSOLVED ORGANIC CARBON	mg/L	E415.1	466		568		648		639		683		636		585		511	
MERCURY	ug/L	SW7470	2.8		3.6		5.8		9.4		7.2		5.4		6.2		15.2	
1,2,3-TRICHLOROBENZENE	ug/L	SW8260	10	UJ	20	UJ	10	UJ	15	UJ	15	UJ	15	UJ	15	UJ	20	UJ
1,2,4-TRICHLOROBENZENE	ug/L	SW8260	10	UJ	20	UJ	10	U	15	U	15	U	15	U	15	U	20	UJ
1,2-DICHLOROBENZENE	ug/L	SW8260	32		48		27		64		57		40		54		49	
1,3,5-TRICHLOROBENZENE	ug/L	SW8260	10	U	20	U	10	U	15	U	15	U	15	U	15	U	20	U
1,3-DICHLOROBENZENE	ug/L	SW8260	10	U	20	U	10	U	15	U	15	U	15	U	15	U	20	U
1,4-DICHLOROBENZENE	ug/L	SW8260	54		59		29		65		71		41		60		54	
BENZENE	ug/L	SW8260	470		820		910		1500		1400		1300		1300		1600	
CHLOROBENZENE	ug/L	SW8260	150		180		150		500		800		150		240		210	
ETHYLBENZENE	ug/L	SW8260	10	U	20	U	36		82		85		36		76		20	U
NAPHTHALENE	ug/L	SW8260	2900		3600		2200		2900		2800		2400		2300		2700	
TOLUENE	ug/L	SW8260	370		530		750		1900		1500		540		1100		1900	
XYLENES, TOTAL	ug/L	SW8260	1000		2100		730		1500		1600		830		1500		1300	

Table 3B
Summary of Porewater Analytical Results

		Location	OL-PP-10040		OL-PP-10040A		OL-PP-10040A		OL-PP-10040A		OL-PP-10040A		OL-PP-10040A		OL-PP-10040A		OL-PP-10040A	
		Sample Depth	10.0-11.0 FT (8-9)		2.0-3.0 Ft (0-1)		3.0-4.0 Ft (1-2)		4.0-5.0 Ft (2-3)		5.0-6.0 Ft (3-4)		6.0-7.0 Ft (4-5)		7.0-8.0 Ft (5-6)		8.0-9.0 Ft (6-7)	
		Field Sample ID	OL-0238-18		OL-0240-06		OL-0240-08		OL-0240-10		OL-0240-13		OL-0240-12		OL-0240-11		OL-0240-09	
		Matrix	WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER	
		Sample Delivery Group	C6K070207		C6K070216		C6K070216		C6K070216		C6K070216		C6K070216		C6K070216		C6K070216	
		Lab Sample ID	C6K070207018		C6K070216006		C6K070216008		C6K070216010		C6K070216013		C6K070216012		C6K070216011		C6K070216009	
		Membrane Type	Tuffryn		Tuffryn		Tuffryn		Tuffryn		Tuffryn		Tuffryn		Tuffryn		Tuffryn	
		Duration of Installment	3 Weeks		3 Weeks		3 Weeks		3 Weeks		3 Weeks		3 Weeks		3 Weeks		3 Weeks	
		Sample Type	POREWATER		POREWATER		POREWATER		POREWATER		POREWATER		POREWATER		POREWATER		POREWATER	
Parameter Name	Units	Analytical Method																
SPECIFIC CONDUCTIVITY	umhos/cm	E120.1	8610		7570		6820		6550		6700		7350		7770		6310	
pH	S.U.	E150.1	12		11.9		11.8		11.8		11.8		11.8		11.8		12	
DISSOLVED ORGANIC CARBON	mg/L	E415.1	498		496		570		620		660		640		588		608	
MERCURY	ug/L	SW7470	14.1		2.4		3.6		6.2		10.4		12.4		10.4		14.4	
1,2,3-TRICHLOROBENZENE	ug/L	SW8260	20	UJ	15	UJ	25	UJ	25	UJ	15	U	15	U	10	U	20	UJ
1,2,4-TRICHLOROBENZENE	ug/L	SW8260	20	UJ	15	U	25	U	25	U	15	U	15	U	10	U	20	U
1,2-DICHLOROBENZENE	ug/L	SW8260	84		40		28		37		61		54		26		36	
1,3,5-TRICHLOROBENZENE	ug/L	SW8260	20	U	15	U	25	U	25	U	15	U	15	U	10	U	20	U
1,3-DICHLOROBENZENE	ug/L	SW8260	20	U	15	U	25	U	25	U	15	U	15	U	10	U	20	U
1,4-DICHLOROBENZENE	ug/L	SW8260	82		63		34		49		77		68		30		34	
BENZENE	ug/L	SW8260	1900		650		830		1200		1700		1800		1300		1500	
CHLOROBENZENE	ug/L	SW8260	360		180		120		280		900		860		130		97	
ETHYLBENZENE	ug/L	SW8260	92		59		25	U	73		96		94		28		20	U
NAPHTHALENE	ug/L	SW8260	2900		3300		4200		2900		3300		2700		2200		2600	
TOLUENE	ug/L	SW8260	2400		520		380		800		2100		2200		960		770	
XYLENES, TOTAL	ug/L	SW8260	2100		1500		980		1600		2500		2500		1000		950	

Table 3B
Summary of Porewater Analytical Results

		Location	OL-PP-10040A		OL-PP-10042		OL-PP-10042		OL-PP-10042		OL-PP-10042		OL-PP-10042		OL-PP-10042		OL-PP-10042	
		Sample Depth	9.0-10.0 Ft (7-8)		2.0-3.0 Ft (0-1)		3.0-4.0 Ft (1-2)		4.0-5.0 Ft (2-3)		5.0-6.0 Ft (3-4)		6.0-7.0 Ft (4-5)		7.0-8.0 Ft (5-6)		8.0-9.0 Ft (6-7)	
		Field Sample ID	OL-0240-07		OL-0242-09		OL-0242-12		OL-0242-13		OL-0242-15		OL-0242-16		OL-0242-14		OL-0242-11	
		Matrix	WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER	
		Sample Delivery Group	C6K070216		C6K080160		C6K080160		C6K080160		C6K080160		C6K080160		C6K080160		C6K080160	
		Lab Sample ID	C6K070216007		C6K080160009		C6K080160012		C6K080160013		C6K080160015		C6K080160016		C6K080160014		C6K080160011	
		Membrane Type	Tuffryn		Tuffryn		Tuffryn		Tuffryn		Tuffryn		Tuffryn		Tuffryn		Tuffryn	
		Duration of Installment	3 Weeks		3 Weeks		3 Weeks		3 Weeks		3 Weeks		3 Weeks		3 Weeks		3 Weeks	
		Sample Type	POREWATER		POREWATER		POREWATER		POREWATER		POREWATER		POREWATER		POREWATER		POREWATER	
Parameter Name	Units	Analytical Method																
SPECIFIC CONDUCTIVITY	umhos/cm	E120.1	8600		4300		5590		6310		6260		6190		6610		7240	
pH	S.U.	E150.1	12		9.2		10.6		11.2		11.2		11		11.3		11.5	
DISSOLVED ORGANIC CARBON	mg/L	E415.1	563		165		359		581		635		630		666		632	
MERCURY	ug/L	SW7470	16.2		0.28	J	0.76	J	1.4		1.3		1.6		5.1		7.6	
1,2,3-TRICHLOROBENZENE	ug/L	SW8260	15	UJ	5	UJ	5	UJ	5	UJ	10	UJ	10	UJ	15	UJ	15	UJ
1,2,4-TRICHLOROBENZENE	ug/L	SW8260	15	U	5	UJ	5	UJ	5	UJ	10	UJ	10	UJ	15	UJ	15	UJ
1,2-DICHLOROBENZENE	ug/L	SW8260	79		8.2		7.2		16		31		33		37		60	
1,3,5-TRICHLOROBENZENE	ug/L	SW8260	15	U	5	U	5	U	5	U	10	U	10	U	15	U	15	U
1,3-DICHLOROBENZENE	ug/L	SW8260	15	U	3.9	J	1.6	J	2.1	J	2.2	J	2.3	J	3.4	J	15	U
1,4-DICHLOROBENZENE	ug/L	SW8260	86		31		19		29		33		30		38		71	
BENZENE	ug/L	SW8260	1700		420		850		1300		1400		1600		2500		2800	
CHLOROBENZENE	ug/L	SW8260	240		110		140		270		230		200		430		1500	
ETHYLBENZENE	ug/L	SW8260	99		8.9		20		48		60		39		41		76	
NAPHTHALENE	ug/L	SW8260	3200		200	J	380		510		370	J	300	J	560	J	320	
TOLUENE	ug/L	SW8260	2000		160		560		970		980		750		1000		1600	
XYLENES, TOTAL	ug/L	SW8260	2200		160		390		1100		1100		730		780		1400	

Table 3B
Summary of Porewater Analytical Results

		Location	OL-PP-10042		OL-PP-10055		OL-PP-10055		OL-PP-10055		OL-PP-10055		OL-PP-10055		OL-PP-10055		OL-PP-10055	
		Sample Depth	9.0-10.0 Ft (7-8)		2.0-3.0 Ft (0-1)		3.0-4.0 Ft (1-2)		4.0-5.0 Ft (2-3)		5.0-6.0 Ft (3-4)		6.0-7.0 Ft (4-5)		7.0-8.0 Ft (5-6)		8.0-9.0 Ft (6-7)	
		Field Sample ID	OL-0242-10		OL-0242-01		OL-0242-03		OL-0242-06		OL-0242-07		OL-0242-08		OL-0242-05		OL-0242-04	
		Matrix	WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER	
		Sample Delivery Group	C6K080160		C6K080160		C6K080160		C6K080160		C6K080160		C6K080160		C6K080160		C6K080160	
		Lab Sample ID	C6K080160010		C6K080160001		C6K080160003		C6K080160006		C6K080160007		C6K080160008		C6K080160005		C6K080160004	
		Membrane Type	Tuffryn		Tuffryn		Tuffryn		Tuffryn		Tuffryn		Tuffryn		Tuffryn		Tuffryn	
		Duration of Installment	3 Weeks		3 Weeks		3 Weeks		3 Weeks		3 Weeks		3 Weeks		3 Weeks		3 Weeks	
		Sample Type	POREWATER		POREWATER		POREWATER		POREWATER		POREWATER		POREWATER		POREWATER		POREWATER	
Parameter Name	Units	Analytical Method																
SPECIFIC CONDUCTIVITY	umhos/cm	E120.1	8190		5800		7170		7760		7860		7830		7820		7630	
pH	S.U.	E150.1	11.8		11.6		11.8		12		12		12		12		12	
DISSOLVED ORGANIC CARBON	mg/L	E415.1	636		582		499		531		484		489		515		488	
MERCURY	ug/L	SW7470	17.4		1.2		15.1		7.1		11		15.8		8.1		4.5	
1,2,3-TRICHLOROBENZENE	ug/L	SW8260	15	UJ	5	UJ	5	UJ	5	UJ	10	UJ	5	UJ	7.5	UJ	7.5	UJ
1,2,4-TRICHLOROBENZENE	ug/L	SW8260	15	UJ	1.5	J	5	U	5	U	10	U	5	UJ	7.5	U	7.5	U
1,2-DICHLOROBENZENE	ug/L	SW8260	77		510		220		170		250		130		170		140	
1,3,5-TRICHLOROBENZENE	ug/L	SW8260	15	U	5	U	5	U	5	U	10	U	5	U	7.5	U	7.5	U
1,3-DICHLOROBENZENE	ug/L	SW8260	15	U	8.1		5	U	5	U	10	U	2.1	J	7.5	U	7.5	U
1,4-DICHLOROBENZENE	ug/L	SW8260	110		220		110		84		130		88		120		90	
BENZENE	ug/L	SW8260	3600		920		990		760		1100		880		610		740	
CHLOROBENZENE	ug/L	SW8260	2000		280		190		150		280		210		220		190	
ETHYLBENZENE	ug/L	SW8260	82		48		54		56		150		97		110		110	
NAPHTHALENE	ug/L	SW8260	960	J	1000	J	1000	J	1000	J	1000	J	920	J	960	J	910	J
TOLUENE	ug/L	SW8260	2300		310		400		450		760		700		520		750	
XYLENES, TOTAL	ug/L	SW8260	1600		590		1000		1300		2900		2300		1200		1600	

Table 3B
Summary of Porewater Analytical Results

		Location	OL-PP-10055		OL-PP-10063		OL-PP-10063		OL-PP-10063		OL-PP-10063		OL-PP-10063		OL-PP-10063		OL-PP-10063	
		Sample Depth	9.0-10.0 Ft (7-8)		2.0-5.0 Ft (0-3)		2.0-5.0 Ft (0-3)		5.0-6.0 Ft (3-4)		6.0-7.0 Ft (4-5)		7.0-8.0 Ft (5-6)		8.0-9.0 Ft (6-7)		9.0-10.0 Ft (7-8)	
		Field Sample ID	OL-0242-02		OL-0242-17		OL-0242-18		OL-0244-03		OL-0244-04		OL-0244-02		OL-0244-01		OL-0242-20	
		Matrix	WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER	
		Sample Delivery Group	C6K080160		C6K080160		C6K080160		C6K080165		C6K080165		C6K080165		C6K080165		C6K080160	
		Lab Sample ID	C6K080160002		C6K080160017		C6K080160018		C6K080165003		C6K080165004		C6K080165002		C6K080165001		C6K080160020	
		Membrane Type	Tuffryn		Tuffryn		Tuffryn		Tuffryn		Tuffryn		Tuffryn		Tuffryn		Tuffryn	
		Duration of Installment	3 Weeks		3 Weeks		3 Weeks		3 Weeks		3 Weeks		3 Weeks		3 Weeks		3 Weeks	
		Sample Type	POREWATER		POREWATER		POREWATER		POREWATER		POREWATER		POREWATER		POREWATER		POREWATER	
Parameter Name	Units	Analytical Method																
SPECIFIC CONDUCTIVITY	umhos/cm	E120.1	7230						10400		10100		9980		10000		9490	
pH	S.U.	E150.1	11.9		11.8		11.8		12		12		12		12		12	
DISSOLVED ORGANIC CARBON	mg/L	E415.1	564						788		658		653		651		674	
MERCURY	ug/L	SW7470	2.7		20.2		17.3		27.4		20		21.4		16.4		15.5	
1,2,3-TRICHLOROBENZENE	ug/L	SW8260	15	UJ	5	U	5	UJ	50	U	50	U	50	U	50	U	50	UJ
1,2,4-TRICHLOROBENZENE	ug/L	SW8260	15	U	5	U	5	U	5	UJ	50	U	5	UJ	5	UJ	50	U
1,2-DICHLOROBENZENE	ug/L	SW8260	64		6.4		3.3	J	4.8	J	50	U	11		16		43	J
1,3,5-TRICHLOROBENZENE	ug/L	SW8260	15	U	5	U	5	U	5	UJ	50	U	5	UJ	5	UJ	50	U
1,3-DICHLOROBENZENE	ug/L	SW8260	15	U	0.68	J	5	U	0.5	J	50	U	5	U	5	U	4.9	J
1,4-DICHLOROBENZENE	ug/L	SW8260	51		11		5.3		6.9		6.2	J	15		17		77	
BENZENE	ug/L	SW8260	480		820		880		1800		1500		1600		1500		11000	
CHLOROBENZENE	ug/L	SW8260	92		92		44		120		110		130		120		610	
ETHYLBENZENE	ug/L	SW8260	53		40		15		34		28	J	35		25		270	
NAPHTHALENE	ug/L	SW8260	1400	J	690		810		810		730		800		580		4600	
TOLUENE	ug/L	SW8260	480		340		140		600		490		570		550		3200	
XYLENES, TOTAL	ug/L	SW8260	1300		480		200		620		520		570		370		3300	

Table 3B
Summary of Porewater Analytical Results

		Location	OL-PP-10063		OL-PP-10071		OL-PP-10071		OL-PP-10071		OL-PP-10071		OL-PP-10071		OL-PP-10071		OL-PP-10071	
		Sample Depth	10.0-11.0 Ft (8-9)		2.0-3.0 Ft (0-1)		3.0-4.0 Ft (1-2)		4.0-5.0 Ft (2-3)		5.0-6.0 Ft (3-4)		6.0-7.0 Ft (4-5)		7.0-8.0 Ft (5-6)		8.0-9.0 Ft (6-7)	
		Field Sample ID	OL-0242-19		OL-0247-11		OL-0247-13		OL-0247-14		OL-0247-17		OL-0247-16		OL-0247-15		OL-0247-12	
		Matrix	WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER	
		Sample Delivery Group	C6K080160		C6K090115		C6K090115		C6K090115		C6K090115		C6K090115		C6K090115		C6K090115	
		Lab Sample ID	C6K080160019		C6K090115011		C6K090115013		C6K090115014		C6K090115017		C6K090115016		C6K090115015		C6K090115012	
		Membrane Type	Tuffryn		Tuffryn		Tuffryn		Tuffryn		Tuffryn		Tuffryn		Tuffryn		Tuffryn	
		Duration of Installment	3 Weeks		3 Weeks		3 Weeks		3 Weeks		3 Weeks		3 Weeks		3 Weeks		3 Weeks	
		Sample Type	POREWATER		POREWATER		POREWATER		POREWATER		POREWATER		POREWATER		POREWATER		POREWATER	
Parameter Name	Units	Analytical Method																
SPECIFIC CONDUCTIVITY	umhos/cm	E120.1	9600		4510		5450		5830		6100		5700		6320		6920	
pH	S.U.	E150.1	12		7.5		7.9		8		8.7		9.6		11.2		11.7	
DISSOLVED ORGANIC CARBON	mg/L	E415.1	699		44		55		61.3		182	U	350		570		681	
MERCURY	ug/L	SW7470	11.6		0.34	J	0.26	J	0.92	J	0.5	J	0.65	J	3		9	
1,2,3-TRICHLOROBENZENE	ug/L	SW8260	50	UJ	5	U	5	U	5	U	2.3	J	5	U	5	U	5	U
1,2,4-TRICHLOROBENZENE	ug/L	SW8260	50	U	5	U	5	U	5	U	0.88	J	5	U	5	U	5	U
1,2-DICHLOROBENZENE	ug/L	SW8260	52		5	U	5	U	5	U	1.9	J	3.9	J	9		12	
1,3,5-TRICHLOROBENZENE	ug/L	SW8260	50	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
1,3-DICHLOROBENZENE	ug/L	SW8260	6	J	5	U	5	U	5	U	3	J	4.9	J	2.6	J	2	J
1,4-DICHLOROBENZENE	ug/L	SW8260	94		5	U	5	U	1.5	J	8.4		15		15		20	
BENZENE	ug/L	SW8260	11000		2.5	J	62		76		290		290		430		530	
CHLOROBENZENE	ug/L	SW8260	760		0.93	J	7.5		13		56		97		140		150	
ETHYLBENZENE	ug/L	SW8260	350		5	U	5	U	5	U	5.4		11		13		12	
NAPHTHALENE	ug/L	SW8260	4300		5	U	5	U	1.1	J	54		190		190		79	
TOLUENE	ug/L	SW8260	3200		5	U	1	J	2.9	J	38		71		110		110	
XYLENES, TOTAL	ug/L	SW8260	3900		15	U	15	U	3.2	J	29		84		180		180	

Table 3B
Summary of Porewater Analytical Results

		Location	OL-PP-10071		OL-PP-10095		OL-PP-10095		OL-PP-10095		OL-PP-10095		OL-PP-10095		OL-PP-10095		OL-PP-10095	
		Sample Depth	9.0-10.0 Ft (7-8)		2.0-3.0 Ft (0-1)		3.0-4.0 Ft (1-2)		4.0-5.0 Ft (2-3)		5.0-6.0 (3-4) Ft		6.0-7.0 Ft (4-5)		7.0-8.0 Ft (5-6)		8.0-9.0 Ft (6-7)	
		Field Sample ID	OL-0247-10		OL-0247-01		OL-0247-05		OL-0247-09		OL-0247-08		OL-0247-02		OL-0247-06		OL-0247-07	
		Matrix	WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER	
		Sample Delivery Group	C6K090115		C6K090115		C6K090115		C6K090115		C6K090115		C6K090115		C6K090115		C6K090115	
		Lab Sample ID	C6K090115010		C6K090115001		C6K090115005		C6K090115009		C6K090115008		C6K090115002		C6K090115006		C6K090115007	
		Membrane Type	Tuffryn		Tuffryn		Tuffryn		Tuffryn		Tuffryn		Tuffryn		Tuffryn		Tuffryn	
		Duration of Installment	3 Weeks		3 Weeks		3 Weeks		3 Weeks		3 Weeks		3 Weeks		3 Weeks		3 Weeks	
		Sample Type	POREWATER		POREWATER		POREWATER		POREWATER		POREWATER		POREWATER		POREWATER		POREWATER	
Parameter Name	Units	Analytical Method																
SPECIFIC CONDUCTIVITY	umhos/cm	E120.1	8210		5600		6950		7750		7700		8660		8800		8540	
pH	S.U.	E150.1	12		7.4		7.4		7.5		7.7		7.6		7.8		8.1	
DISSOLVED ORGANIC CARBON	mg/L	E415.1	800		34.6		41.1		46.8		51.7		46.2		55.9		48.8	
MERCURY	ug/L	SW7470	8.4		1	U	1	U	1	U	1	U	1	U	1	U	0.28	J
1,2,3-TRICHLOROBENZENE	ug/L	SW8260	5	U	5	U	5	U	5	U	5	U	10	U	10	U	15	U
1,2,4-TRICHLOROBENZENE	ug/L	SW8260	5	U	5	U	5	U	5	U	5	U	10	U	10	U	2.1	J
1,2-DICHLOROBENZENE	ug/L	SW8260	19		5	U	5	U	5	U	1.2	J	11		35		110	
1,3,5-TRICHLOROBENZENE	ug/L	SW8260	5	U	5	U	5	U	5	U	5	U	10	U	10	U	15	U
1,3-DICHLOROBENZENE	ug/L	SW8260	5	U	5	U	5	U	5	U	5	U	10	U	10	U	15	U
1,4-DICHLOROBENZENE	ug/L	SW8260	29		5	U	5	U	5	U	16		140		300		1100	
BENZENE	ug/L	SW8260	620		0.95	J	9.9		46		95		190		250		290	
CHLOROBENZENE	ug/L	SW8260	80		0.9	J	1.6	J	15		160		1000		1800		2400	
ETHYLBENZENE	ug/L	SW8260	4	J	5	U	5	U	5	U	0.98	J	8.6	J	29		100	
NAPHTHALENE	ug/L	SW8260	710		1.6	J	1.4	J	5	U	4	J	48		160		570	
TOLUENE	ug/L	SW8260	62		5	U	5	U	0.67	J	3.3	J	15		50		110	
XYLENES, TOTAL	ug/L	SW8260	85		15	U	15	U	15	U	9.1	J	54		170		520	

Table 3B
Summary of Porewater Analytical Results

		Location	OL-PP-10095		OL-PP-10095		OL-PP-10096		OL-PP-10096		OL-PP-10096		OL-PP-10096		OL-PP-10096		OL-PP-10096	
		Sample Depth	9.0-10.0 Ft (7-8)		10.0-11.0 FT (8-9)		1.0-2.0 Ft (0-1)		2.0-3.0 Ft (1-2)		3.0-4.0 Ft (2-3)		4.0-5.0 Ft (3-4)		5.0-6.0 Ft (4-5)		6.0-7.0 Ft (5-6)	
		Field Sample ID	OL-0247-04		OL-0247-03		OL-0216-09		OL-0216-11		OL-0216-13		OL-0216-14		OL-0216-16		OL-0216-17	
		Matrix	WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER	
		Sample Delivery Group	C6K090115		C6K090115		C6J110335		C6J110335		C6J110335		C6J110335		C6J110335		C6J110335	
		Lab Sample ID	C6K090115004		C6K090115003		C6J110335009		C6J110335011		C6J110335013		C6J110335014		C6J110335016		C6J110335017	
		Membrane Type	Tuffryn		Tuffryn		Teflon		Teflon		Teflon		Teflon		Teflon		Teflon	
		Duration of Installment	3 Weeks		3 Weeks		4 Weeks		4 Weeks		4 Weeks		4 Weeks		4 Weeks		4 Weeks	
		Sample Type	POREWATER		POREWATER		POREWATER		POREWATER		POREWATER		POREWATER		POREWATER		POREWATER	
Parameter Name	Units	Analytical Method																
SPECIFIC CONDUCTIVITY	umhos/cm	E120.1	8810		9500						3440				604		1460	
pH	S.U.	E150.1	8.9		9.7						8.6	J			9.4	J	10.4	J
DISSOLVED ORGANIC CARBON	mg/L	E415.1	116		212	U			56.4		93.9		145				118	
MERCURY	ug/L	SW7470	1	U	0.64	J	2	U	0.83	J	2	U	2	U			0.62	J
1,2,3-TRICHLOROBENZENE	ug/L	SW8260	15	U	5	U	50	UJ	50	UJ	50	UJ	50	UJ	50	UJ	50	UJ
1,2,4-TRICHLOROBENZENE	ug/L	SW8260	2.2	J	5	U	50	UJ	12	J	50	UJ	50	UJ	50	UJ	50	UJ
1,2-DICHLOROBENZENE	ug/L	SW8260	110		49		72		230		380		410		350		340	
1,3,5-TRICHLOROBENZENE	ug/L	SW8260	15	U	5	U	50	U	50	U	50	U	50	U	50	U	50	U
1,3-DICHLOROBENZENE	ug/L	SW8260	15	U	5	U	44	J	86		69		57		32	J	47	J
1,4-DICHLOROBENZENE	ug/L	SW8260	1200		150		1200		1800		1700		1300		960		1300	
BENZENE	ug/L	SW8260	250		180		1100		1800		2500		3200		2200		2400	
CHLOROBENZENE	ug/L	SW8260	2300		790		12000		8300		7400		8000		7200		9000	
ETHYLBENZENE	ug/L	SW8260	110		110		35	J	89		82		78		58		72	
NAPHTHALENE	ug/L	SW8260	620	J	370	J	220	J	1000	J	1200	J	1100	J	1100	J	980	J
TOLUENE	ug/L	SW8260	120		130		250		530		640		830		670		900	
XYLENES, TOTAL	ug/L	SW8260	620		970		350		850		820		840		740		990	

Table 3B
Summary of Porewater Analytical Results

		Location	OL-PP-10096		OL-PP-10096		OL-PP-10096		OL-PP-10096A		OL-PP-10096A		OL-PP-10096A		OL-PP-10096A		OL-PP-10096A	
		Sample Depth	7.0-8.0 Ft (6-7)		8.0-9.0 Ft (7-8)		9.0-10.0 Ft (8-9)		1.0-2.0 Ft (0-1)		2.0-3.0 Ft (1-2)		3.0-4.0 Ft (2-3)		4.0-5.0 Ft (3-4)		5.0-6.0 Ft (4-5)	
		Field Sample ID	OL-0216-15		OL-0216-12		OL-0216-10		OL-0219-01		OL-0219-03		OL-0219-05		OL-0219-07		OL-0219-09	
		Matrix	WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER	
		Sample Delivery Group	C6J110335		C6J110335		C6J110335		C6J120204		C6J120204		C6J120204		C6J120204		C6J120204	
		Lab Sample ID	C6J110335015		C6J110335012		C6J110335010		C6J120204001		C6J120204003		C6J120204005		C6J120204007		C6J120204009	
		Membrane Type	Teflon		Teflon		Teflon		Teflon		Teflon		Teflon		Teflon		Teflon	
		Duration of Installment	4 Weeks		4 Weeks		4 Weeks		4 Weeks		4 Weeks		4 Weeks		4 Weeks		4 Weeks	
		Sample Type	POREWATER		POREWATER		POREWATER		POREWATER		POREWATER		POREWATER		POREWATER		POREWATER	
Parameter Name	Units	Analytical Method																
SPECIFIC CONDUCTIVITY	umhos/cm	E120.1			2810		3370		2690		4420						3000	
pH	S.U.	E150.1			11.4	J	11.7	J	8.1	J	8.4	J					9.8	J
DISSOLVED ORGANIC CARBON	mg/L	E415.1	146		166		175		45.4		134				203		222	
MERCURY	ug/L	SW7470	3.7		8.3		3.8		2	U	0.78	J			2	U	1.6	J
1,2,3-TRICHLOROBENZENE	ug/L	SW8260	50	UJ	50	UJ	50	UJ	50	U	50	U	14	J	50	U	50	U
1,2,4-TRICHLOROBENZENE	ug/L	SW8260	50	UJ	50	UJ	15	J	8.1	J	36	J	52		36	J	21	J
1,2-DICHLOROBENZENE	ug/L	SW8260	470		840		1200		420		830		870		550		630	
1,3,5-TRICHLOROBENZENE	ug/L	SW8260	50	U	50	U	50	U	50	U	50	U	25	U	50	U	50	U
1,3-DICHLOROBENZENE	ug/L	SW8260	48	J	41	J	18	J	200		180		25	U	50	U	50	U
1,4-DICHLOROBENZENE	ug/L	SW8260	1400		1300		980		4900		3000		2000		1400		1600	
BENZENE	ug/L	SW8260	2500		2600		1600		1500		2600		2400		3100		3400	
CHLOROBENZENE	ug/L	SW8260	9700		10000		11000		15000		9400		4900		6800		11000	
ETHYLBENZENE	ug/L	SW8260	66		73		48	J	83		130		94		77		100	
NAPHTHALENE	ug/L	SW8260	1100	J	980	J	710	J	1300		2500		3800		3000		2700	
TOLUENE	ug/L	SW8260	1000		1400		920		520		760		720		950		1200	
XYLENES, TOTAL	ug/L	SW8260	1000		1300		1100		770		1100		890		870		1700	

Table 3B
Summary of Porewater Analytical Results

		Location	OL-PP-10096A		OL-PP-10096A		OL-PP-10096A		OL-PP-10096A	
		Sample Depth	6.0-7.0 Ft (5-6)		7.0-8.0 Ft (6-7)		8.0-9.0 Ft (7-8)		9.0-10.0 Ft (8-9)	
		Field Sample ID	OL-0219-08		OL-0219-06		OL-0219-04		OL-0219-02	
		Matrix	WATER		WATER		WATER		WATER	
		Sample Delivery Group	C6J120204		C6J120204		C6J120204		C6J120204	
		Lab Sample ID	C6J120204008		C6J120204006		C6J120204004		C6J120204002	
		Membrane Type	Teflon		Teflon		Teflon		Teflon	
		Duration of Installment	4 Weeks		4 Weeks		4 Weeks		4 Weeks	
		Sample Type	POREWATER		POREWATER		POREWATER		POREWATER	
Parameter Name	Units	Analytical Method								
SPECIFIC CONDUCTIVITY	umhos/cm	E120.1	2490		3060		3540		3870	
pH	S.U.	E150.1	10.6	J	11.1	J	11.5	J	11.6	J
DISSOLVED ORGANIC CARBON	mg/L	E415.1	223		231		203		191	
MERCURY	ug/L	SW7470	1	J	6.4		23		21.2	
1,2,3-TRICHLOROBENZENE	ug/L	SW8260	50	U	50	U	14	J	8.7	J
1,2,4-TRICHLOROBENZENE	ug/L	SW8260	12	J	35	J	47	J	29	
1,2-DICHLOROBENZENE	ug/L	SW8260	800		1300		1300		810	
1,3,5-TRICHLOROBENZENE	ug/L	SW8260	50	U	50	U	50	U	25	U
1,3-DICHLOROBENZENE	ug/L	SW8260	50	U	50	U	120		25	U
1,4-DICHLOROBENZENE	ug/L	SW8260	1600		3200		3300		730	
BENZENE	ug/L	SW8260	2800		3400		3200		1300	
CHLOROBENZENE	ug/L	SW8260	12000		12000		13000		4100	J
ETHYLBENZENE	ug/L	SW8260	92		110		96		26	
NAPHTHALENE	ug/L	SW8260	2900		2900		3200		1700	
TOLUENE	ug/L	SW8260	1200		1400		1300		480	
XYLENES, TOTAL	ug/L	SW8260	1800		1600		1500		490	

		Location	OL-PP-20006		OL-PP-20006		OL-PP-20006		OL-PP-20006		OL-PP-20006		OL-PP-20006		OL-PP-20006	
		Sample Depth	1.0-2.0 Ft (0-1)		2.0-3.0 Ft (1-2)		3.0-4.0 Ft (2-3)		4.0-5.0 Ft (3-4)		5.0-6.0 Ft (4-5)		6.0-7.0 Ft (5-6)		7.0-8.0 Ft (6-7)	
		Field Sample ID	OL-0214-13		OL-0214-15		OL-0214-17		OL-0214-20		OL-0214-18		OL-0214-19		OL-0214-16	
		Matrix	WATER		WATER		WATER		WATER		WATER		WATER		WATER	
		Sample Delivery Group	C6J110327		C6J110327		C6J110327		C6J110327		C6J110327		C6J110327		C6J110327	
		Lab Sample ID	C6J110327013		C6J110327015		C6J110327017		C6J110327020		C6J110327018		C6J110327019		C6J110327016	
		Membrane Type														
		Duration of Installment														
		Sample Type	POREWATER		POREWATER		POREWATER		POREWATER		POREWATER		POREWATER		POREWATER	
Parameter Name	Units	Analytical Method														
SPECIFIC CONDUCTIVITY	umhos/cm	E120.1									3230		5740		5590	
pH	S.U.	E150.1									11.2	J	11.8	J	11.8	J
DISSOLVED ORGANIC CARBON	mg/L	E415.1	9.2		11						61.4		97.5		68.8	
MERCURY	ug/L	SW7470	2	U	2	U	2	U	2	U	0.57	J	0.69	J	2	U
1,2,3-TRICHLOROBENZENE	ug/L	SW8260	5	UJ	5	UJ	25	UJ	5	UJ	5	UJ	10	UJ	5	UJ
1,2,4-TRICHLOROBENZENE	ug/L	SW8260	5	U	5	U	25	U	5	U	5	U	10	U	5	U
1,2-DICHLOROBENZENE	ug/L	SW8260	0.59	J	4.8	J	6.1	J	1.9	J	2.7	J	2.4	J	1.5	J
1,3,5-TRICHLOROBENZENE	ug/L	SW8260	5	U	5	U	25	U	5	U	5	U	10	U	5	U
1,3-DICHLOROBENZENE	ug/L	SW8260	5	U	0.72	J	25	U	5	U	5	U	10	U	5	U
1,4-DICHLOROBENZENE	ug/L	SW8260	2.8	J	7.4		8	J	3.3	J	5		4.3	J	3.6	J
BENZENE	ug/L	SW8260	9.6		350		1300		550		470		830		320	
CHLOROBENZENE	ug/L	SW8260	23		28		26		16		21		30		33	
ETHYLBENZENE	ug/L	SW8260	5	U	35		130		91		72		75		43	
NAPHTHALENE	ug/L	SW8260	5	U	320		3700		940		1100		2400		580	
TOLUENE	ug/L	SW8260	5	U	98		780		320		250		760		210	
XYLENES, TOTAL	ug/L	SW8260	3.5	J	310		1800		190		210		1200		180	

		Location	OL-PP-20006		OL-PP-20011		OL-PP-20011		OL-PP-20011		OL-PP-20011		OL-PP-20011		OL-PP-20011	
		Sample Depth	8.0-9.0 Ft (7-8)		2.0-3.0 Ft (0-1)		3.0-4.0 Ft (1-2)		4.0-5.0 Ft (2-3)		5.0-6.0 Ft (3-4)		6.0-7.0 Ft (4-5)		7.0-8.0 Ft (5-6)	
		Field Sample ID	OL-0214-14		OL-0212-01		OL-0212-02		OL-0212-04		OL-0212-06		OL-0212-08		OL-0212-07	
		Matrix	WATER		WATER		WATER		WATER		WATER		WATER		WATER	
		Sample Delivery Group	C6J110327		C6J110307		C6J110307		C6J110307		C6J110307		C6J110307		C6J110307	
		Lab Sample ID	C6J110327014		C6J110307001		C6J110307002		C6J110307004		C6J110307006		C6J110307008		C6J110307007	
		Membrane Type														
		Duration of Installment														
		Sample Type	POREWATER		POREWATER		POREWATER		POREWATER		POREWATER		POREWATER		POREWATER	
Parameter Name	Units	Analytical Method														
SPECIFIC CONDUCTIVITY	umhos/cm	E120.1	8720		3790		4610				14300		9340		11700	
pH	S.U.	E150.1	11.9	J	7.8	J	8	J			9.8	J	8.4	J	9.3	J
DISSOLVED ORGANIC CARBON	mg/L	E415.1	117		15.8		24.2		27.3		24.3		19.4		17.4	
MERCURY	ug/L	SW7470	0.59	J	1	U	1	U	1	U	1	U	1	U	1	U
1,2,3-TRICHLOROBENZENE	ug/L	SW8260	5	U	5	UJ	5	UJ	10	UJ	10	UJ	5	UJ	5	UJ
1,2,4-TRICHLOROBENZENE	ug/L	SW8260	5	U	5	U	5	U	10	U	10	U	5	U	5	U
1,2-DICHLOROBENZENE	ug/L	SW8260	1.4	J	1.5	J	5.9		16		4.6	J	4.8	J	4.6	J
1,3,5-TRICHLOROBENZENE	ug/L	SW8260	5	U	5	U	5	U	10	U	10	U	5	UJ	5	UJ
1,3-DICHLOROBENZENE	ug/L	SW8260	5	U	5	U	5	U	10	U	10	U	5	U	5	U
1,4-DICHLOROBENZENE	ug/L	SW8260	3.6	J	1.7	J	5.8		16		4.1	J	4.5	J	3.8	J
BENZENE	ug/L	SW8260	180		110		150		330		390		270		140	
CHLOROBENZENE	ug/L	SW8260	25		16		14		48		12		14		10	
ETHYLBENZENE	ug/L	SW8260	32		5	U	22		29		28		19		6.6	
NAPHTHALENE	ug/L	SW8260	290		5	U	1200		1300		1800		920		510	
TOLUENE	ug/L	SW8260	83		1	J	33		140		63		63		32	
XYLENES, TOTAL	ug/L	SW8260	280		18		210		420		320		210		89	

		Location	OL-PP-20011		OL-PP-20011		OL-PP-20079		OL-PP-20079		OL-PP-20079		OL-PP-20079		OL-PP-20079	
		Sample Depth	8.0-9.0 Ft (6-7)		9.0-10.0 Ft (7-8)		2.0-3.0 Ft (0-1)		3.0-4.0 Ft (1-2)		4.0-5.0 Ft (2-3)		5.0-6.0 Ft (3-4)		6.0-7.0 Ft (4-5)	
		Field Sample ID	OL-0212-05		OL-0212-03		OL-0212-09		OL-0212-12		OL-0212-15		OL-0212-11		OL-0212-14	
		Matrix	WATER		WATER		WATER		WATER		WATER		WATER		WATER	
		Sample Delivery Group	C6J110307		C6J110307		C6J110307		C6J110307		C6J110307		C6J110307		C6J110307	
		Lab Sample ID	C6J110307005		C6J110307003		C6J110307009		C6J110307012		C6J110307015		C6J110307011		C6J110307014	
		Membrane Type														
		Duration of Installment														
		Sample Type	POREWATER		POREWATER		POREWATER		POREWATER		POREWATER		POREWATER		POREWATER	
Parameter Name	Units	Analytical Method														
SPECIFIC CONDUCTIVITY	umhos/cm	E120.1	7100		17800		1940		2530		4100		4270		4160	
pH	S.U.	E150.1	8.1	J	10	J	8.2	J	8.2	J	8.4	J	8.8	J	9.9	J
DISSOLVED ORGANIC CARBON	mg/L	E415.1	14.4		15.1		7.6		6.2		12.2		12.1		19.2	
MERCURY	ug/L	SW7470	1	U	1	U	1	U	1	U	1	U	1	U	1	U
1,2,3-TRICHLOROBENZENE	ug/L	SW8260	5	UJ	5	UJ	5	UJ	5	UJ	5	UJ	5	UJ	5	UJ
1,2,4-TRICHLOROBENZENE	ug/L	SW8260	5	U	5	U	5	U	5	U	5	U	5	U	5	U
1,2-DICHLOROBENZENE	ug/L	SW8260	8		1.9	J	0.87	J	1.1	J	4.5	J	2.5	J	5	U
1,3,5-TRICHLOROBENZENE	ug/L	SW8260	5	UJ	5	U	5	U	5	U	5	UJ	5	UJ	5	UJ
1,3-DICHLOROBENZENE	ug/L	SW8260	5	U	5	U	1.4	J	5	U	1.7	J	5	U	5	U
1,4-DICHLOROBENZENE	ug/L	SW8260	7.7		1.7	J	8		1.9	J	7.3		3.1	J	1.1	J
BENZENE	ug/L	SW8260	66		180		47		22		61		88		36	
CHLOROBENZENE	ug/L	SW8260	25		5.3		33		4.3	J	9.7		6.1		2	J
ETHYLBENZENE	ug/L	SW8260	17		13		5	U	5	U	11		19		5.2	
NAPHTHALENE	ug/L	SW8260	630		610		5	U	5	U	350		300		620	
TOLUENE	ug/L	SW8260	75		24		1.3	J	1	J	12		87		59	
XYLENES, TOTAL	ug/L	SW8260	230		140		4	J	5.6	J	69		140		75	

Table 3B
Summary of Porewater Analytical Results

		Location	OL-PP-20079		OL-PP-20079		OL-PP-20079	
		Sample Depth	7.0-8.0 Ft (5-6)		8.0-9.0 Ft (6-7)		9.0-10.0 Ft (7-8)	
		Field Sample ID	OL-0212-16		OL-0212-13		OL-0212-10	
		Matrix	WATER		WATER		WATER	
		Sample Delivery Group	C6J110307		C6J110307		C6J110307	
		Lab Sample ID	C6J110307016		C6J110307013		C6J110307010	
		Membrane Type						
		Duration of Installment						
		Sample Type	POREWATER		POREWATER		POREWATER	
Parameter Name	Units	Analytical Method						
SPECIFIC CONDUCTIVITY	umhos/cm	E120.1	7670		9450		13800	
pH	S.U.	E150.1	10.5	J	10.7	J	10.9	J
DISSOLVED ORGANIC CARBON	mg/L	E415.1	71.5		100		130	
MERCURY	ug/L	SW7470	1	U	0.28	J	0.9	J
1,2,3-TRICHLOROBENZENE	ug/L	SW8260	10	UJ	10	UJ	10	UJ
1,2,4-TRICHLOROBENZENE	ug/L	SW8260	10	U	10	U	10	U
1,2-DICHLOROBENZENE	ug/L	SW8260	10	U	10	U	10	U
1,3,5-TRICHLOROBENZENE	ug/L	SW8260	10	U	10	UJ	10	UJ
1,3-DICHLOROBENZENE	ug/L	SW8260	10	U	10	U	10	U
1,4-DICHLOROBENZENE	ug/L	SW8260	1.7	J	10	U	3.9	J
BENZENE	ug/L	SW8260	53		31		78	
CHLOROBENZENE	ug/L	SW8260	3.7	J	2.5	J	9	J
ETHYLBENZENE	ug/L	SW8260	8.4	J	3.9	J	28	
NAPHTHALENE	ug/L	SW8260	1200		1600		3200	
TOLUENE	ug/L	SW8260	140		73		280	
XYLENES, TOTAL	ug/L	SW8260	160		70		360	

		Location	OL-PP-70017		OL-PP-70017		OL-PP-70017		OL-PP-70017		OL-PP-70017		OL-PP-70017		OL-PP-70017		OL-PP-70017	
		Sample Depth	2.0-3.0 Ft (0-1)		3.0-4.0 Ft (1-2)		4.0-5.0 Ft (2-3)		5.0-6.0 Ft (3-4)		6.0-7.0 Ft (4-5)		7.0-8.0 Ft (5-6)		8.0-9.0 Ft (6-7)		9.0-10.0 Ft (7-8)	
		Field Sample ID	OL-0216-01		OL-0216-03		OL-0216-05		OL-0216-08		OL-0216-07		OL-0216-06		OL-0216-04		OL-0216-02	
		Matrix	WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER	
		Sample Delivery Group	C6J110335		C6J110335		C6J110335		C6J110335		C6J110335		C6J110335		C6J110335		C6J110335	
		Lab Sample ID	C6J110335001		C6J110335003		C6J110335005		C6J110335008		C6J110335007		C6J110335006		C6J110335004		C6J110335002	
		Sample Type	POREWATER		POREWATER		POREWATER		POREWATER		POREWATER		POREWATER		POREWATER		POREWATER	
Parameter Name	Units	Analytical Method																
SPECIFIC CONDUCTIVITY	umhos/cm	E120.1					4340		4690						1740		3180	
pH	S.U.	E150.1					8.1	J	8.2	J					10.2	J	10.8	J
DISSOLVED ORGANIC CARBON	mg/L	E415.1	14.6		32.4		26.9		26.2				94		120		178	
MERCURY	ug/L	SW7470	2	U	2	U	2	U	2	U			2	U	16.5		32.1	
1,2,3-TRICHLOROBENZENE	ug/L	SW8260	5	U	5	U	5	U	5	U	5	U	5	U	5	U	28	
1,2,4-TRICHLOROBENZENE	ug/L	SW8260	5	U	5	U	2.1	J	7.9		5	U	21		4.7	J	130	
1,2-DICHLOROBENZENE	ug/L	SW8260	0.6	J	2.4	J	5.9		24		120		560		490		900	
1,3,5-TRICHLOROBENZENE	ug/L	SW8260	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
1,3-DICHLOROBENZENE	ug/L	SW8260	0.66	J	1.2	J	2.2	J	1.3	J	5	U	5	U	5	U	5	U
1,4-DICHLOROBENZENE	ug/L	SW8260	3.5	J	4.8	J	6.4		18		76		230		200		470	
BENZENE	ug/L	SW8260	3.7	J	80		300		510		480		580		560		600	
CHLOROBENZENE	ug/L	SW8260	20		26		65		470		820		1100		990		1200	
ETHYLBENZENE	ug/L	SW8260	5	U	5	U	1	J	17		14		34		25		62	
NAPHTHALENE	ug/L	SW8260	3	J	2.7	J	8.8	J	86	J	140	J	500	J	480	J	1000	J
TOLUENE	ug/L	SW8260	2.6	J	2.7	J	10		58		120		350		350		440	
XYLENES, TOTAL	ug/L	SW8260	4.7	J	4.2	J	28		180		200		520		450		940	

		Location	OL-PP-70021		OL-PP-70021		OL-PP-70021		OL-PP-70021		OL-PP-70021		OL-PP-70021		OL-PP-70021A		OL-PP-70021A	
		Sample Depth	2.0-5.0 Ft (0-3)		5.0-6.0 Ft (3-4)		6.0-7.0 Ft (4-5)		7.0-8.0 Ft (5-6)		8.0-9.0 Ft (6-7)		9.0-10.0 Ft (7-8)		2.0-4.0 Ft (0-2)		2.0-4.0 Ft (0-2)	
		Field Sample ID	OL-0219-10		OL-0219-13		OL-0219-14		OL-0219-15		OL-0219-12		OL-0219-11		OL-0224-01		OL-0224-02	
		Matrix	WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER	
		Sample Delivery Group	C6J120204		C6J120204		C6J120204		C6J120204		C6J120204		C6J120204		C6J130171		C6J130171	
		Lab Sample ID	C6J120204010		C6J120204013		C6J120204014		C6J120204015		C6J120204012		C6J120204011		C6J130171001		C6J130171002	
		Sample Type	POREWATER		POREWATER		POREWATER		POREWATER		POREWATER		POREWATER		POREWATER		POREWATER	
Parameter Name	Units	Analytical Method																
SPECIFIC CONDUCTIVITY	umhos/cm	E120.1			2970		1920		3120		2840		3650					
pH	S.U.	E150.1	8	J	8.6	J	9.5	J	9.8	J	10.3	J	9.8	J	7.8		7.6	
DISSOLVED ORGANIC CARBON	mg/L	E415.1			30.8		45.3		126		116		121					
MERCURY	ug/L	SW7470	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2.3	
1,2,3-TRICHLOROBENZENE	ug/L	SW8260	6.8		6	J	12		7.4	J	7.2	J	9.8	J	19	J	18	
1,2,4-TRICHLOROBENZENE	ug/L	SW8260	23		16		39		21		18		27		53	J	54	
1,2-DICHLOROBENZENE	ug/L	SW8260	170		210		410		330		230		410		140	J	130	
1,3,5-TRICHLOROBENZENE	ug/L	SW8260	5	U	10	U	5	U	10	U	10	U	10	U	5	U	5	U
1,3-DICHLOROBENZENE	ug/L	SW8260	5	U	10	U	5	U	10	U	10	U	10	U	14	J	14	
1,4-DICHLOROBENZENE	ug/L	SW8260	270		250		410		380		250		440		280		270	
BENZENE	ug/L	SW8260	410		390		230		330		200		260		270		250	
CHLOROBENZENE	ug/L	SW8260	630		1300		1300		1300		830		1100		320		310	
ETHYLBENZENE	ug/L	SW8260	36		22		45		31		16		38		23	J	24	
NAPHTHALENE	ug/L	SW8260	830		1100		1100		780		1100		1400		990		930	
TOLUENE	ug/L	SW8260	220		210		220		300		160		280		130	J	130	
XYLENES, TOTAL	ug/L	SW8260	460		340		480		560		300		620		380	J	380	

		Location	OL-PP-70021A		OL-PP-70021A		OL-PP-70021A		OL-PP-70021A		OL-PP-70021A		OL-PP-70021A		OL-PP-70022		OL-PP-70022	
		Sample Depth	4.0-5.0 Ft (2-3)		5.0-6.0 Ft (3-4)		6.0-7.0 Ft (4-5)		7.0-8.0 Ft (5-6)		8.0-9.0 Ft (6-7)		9.0-10.0 Ft (7-8)		2.0-3.0 Ft (0-1)		3.0-4.0 Ft (1-2)	
		Field Sample ID	OL-0224-04		OL-0224-06		OL-0224-07		OL-0224-03		OL-0224-05		OL-0224-08		OL-0238-01		OL-0238-04	
		Matrix	WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER	
		Sample Delivery Group	C6J130171		C6J130171		C6J130171		C6J130171		C6J130171		C6J130171		C6K070207		C6K070207	
		Lab Sample ID	C6J130171004		C6J130171006		C6J130171007		C6J130171003		C6J130171005		C6J130171008		C6K070207001		C6K070207004	
		Sample Type	POREWATER		POREWATER		POREWATER		POREWATER		POREWATER		POREWATER		POREWATER		POREWATER	
Parameter Name	Units	Analytical Method																
SPECIFIC CONDUCTIVITY	umhos/cm	E120.1													4790		5880	
pH	S.U.	E150.1			8				9.2		10				7.3		7.2	
DISSOLVED ORGANIC CARBON	mg/L	E415.1	49.6		39.4		33.2		74.5		138		88.1		32.6		35.5	
MERCURY	ug/L	SW7470	2	U	2	U	2	U	1.2	J	0.59	J	0.58	J	1	U	1	U
1,2,3-TRICHLOROBENZENE	ug/L	SW8260	7.9		5.2		3	J	7.9	J	9.6	J	9.8		5	U	5	U
1,2,4-TRICHLOROBENZENE	ug/L	SW8260	30		24		14		23		31		34		5	U	5	U
1,2-DICHLOROBENZENE	ug/L	SW8260	240		230		360		570		340				1.7	J	3.1	J
1,3,5-TRICHLOROBENZENE	ug/L	SW8260	5	U	5	U	10	U	10	U	10	U	5	U	5	U	5	U
1,3-DICHLOROBENZENE	ug/L	SW8260	5	U	5	U	10	U	10	U	10	U	5	U	0.96	J	0.79	J
1,4-DICHLOROBENZENE	ug/L	SW8260	460		470		500		600		530		560		3.3	J	5.9	
BENZENE	ug/L	SW8260	360		470		560		520		320		300		61		56	
CHLOROBENZENE	ug/L	SW8260	540		1100		2300		2500		1800		1300		100		68	
ETHYLBENZENE	ug/L	SW8260	40		42		55		42		30		35		5	U	5	U
NAPHTHALENE	ug/L	SW8260	900		970		1200		1100		1000		1200		5	U	1.7	J
TOLUENE	ug/L	SW8260	270		320		340		320		280		340		3.4	J	3.9	J
XYLENES, TOTAL	ug/L	SW8260	390		420		690		680		530		780		11	J	17	

		Location	OL-PP-70022		OL-PP-70022		OL-PP-70022		OL-PP-70022		OL-PP-70022		OL-PP-70022		OL-PP-70022A		OL-PP-70022A	
		Sample Depth	4.0-5.0 Ft (2-3)		5.0-6.0 Ft (3-4)		6.0-7.0 Ft (4-5)		7.0-8.0 Ft (5-6)		8.0-9.0 Ft (6-7)		9.0-10.0 Ft (7-8)		2.0-3.0 Ft (0-1)		3.0-4.0 Ft (1-2)	
		Field Sample ID	OL-0238-06		OL-0238-08		OL-0238-07		OL-0238-05		OL-0238-03		OL-0238-02		OL-0238-09		OL-0238-12	
		Matrix	WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER	
		Sample Delivery Group	C6K070207		C6K070207		C6K070207		C6K070207		C6K070207		C6K070207		C6K070207		C6K070207	
		Lab Sample ID	C6K070207006		C6K070207008		C6K070207007		C6K070207005		C6K070207003		C6K070207002		C6K070207009		C6K070207012	
		Sample Type	POREWATER		POREWATER		POREWATER		POREWATER		POREWATER		POREWATER		POREWATER		POREWATER	
Parameter Name	Units	Analytical Method																
SPECIFIC CONDUCTIVITY	umhos/cm	E120.1	6710		7440		8000		9220		9250		9880		4800		6020	
pH	S.U.	E150.1	7.5		7.4		7.3		7.3		7.4		7.2		7.3		7.4	
DISSOLVED ORGANIC CARBON	mg/L	E415.1	32.5		34.5		33.1		35.4		33.2		31.4		32.1		42.6	
MERCURY	ug/L	SW7470	1	U	1	U	1	U	1	U	0.25	J	0.25	J	1	U	1	U
1,2,3-TRICHLOROBENZENE	ug/L	SW8260	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
1,2,4-TRICHLOROBENZENE	ug/L	SW8260	5	U	5	U	0.98	J	5	U	5	U	5	U	5	U	5	U
1,2-DICHLOROBENZENE	ug/L	SW8260	0.98	J	2.7	J	7.8		2.4	J	3.7	J	5.1		0.67	J	5.7	
1,3,5-TRICHLOROBENZENE	ug/L	SW8260	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
1,3-DICHLOROBENZENE	ug/L	SW8260	5	U	1.1	J	1.8	J	0.99	J	1	J	1.3	J	5	U	1.2	J
1,4-DICHLOROBENZENE	ug/L	SW8260	3	J	5.9		18		8.3		8		13		1.8	J	11	
BENZENE	ug/L	SW8260	31		24		23		15		15		17		49		69	
CHLOROBENZENE	ug/L	SW8260	37		59		67		39		36		43		66		99	
ETHYLBENZENE	ug/L	SW8260	5	U	5	U	5	U	5	U	5	U	0.84	J	5	U	5	U
NAPHTHALENE	ug/L	SW8260	5	U	1.1	J	2.7	J	1.2	J	31		54		5	U	1.4	J
TOLUENE	ug/L	SW8260	1.6	J	2	J	3.3	J	1.8	J	3	J	4.5	J	1.9	J	5.6	
XYLENES, TOTAL	ug/L	SW8260	5.5	J	12	J	27		11	J	16		25		4.8	J	27	

		Location	OL-PP-70022A		OL-PP-70022A		OL-PP-70022A		OL-PP-70022A		OL-PP-70022A		OL-PP-70022A		OL-PP-70024		OL-PP-70024	
		Sample Depth	4.0-5.0 Ft (2-3)		5.0-6.0 Ft (3-4)		6.0-7.0 Ft (4-5)		7.0-8.0 Ft (5-6)		8.0-9.0 Ft (6-7)		9.0-10.0 Ft (7-8)		2.0-3.0 Ft (0-1)		3.0-4.0 Ft (1-2)	
		Field Sample ID	OL-0238-13		OL-0238-15		OL-0238-16		OL-0238-14		OL-0238-11		OL-0238-10		OL-0209-01		OL-0209-02	
		Matrix	WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER	
		Sample Delivery Group	C6K070207		C6K070207		C6K070207		C6K070207		C6K070207		C6K070207		C6J100148		C6J100148	
		Lab Sample ID	C6K070207013		C6K070207015		C6K070207016		C6K070207014		C6K070207011		C6K070207010		C6J100148001		C6J100148002	
		Sample Type	POREWATER		POREWATER		POREWATER		POREWATER		POREWATER		POREWATER		POREWATER		POREWATER	
Parameter Name	Units	Analytical Method																
SPECIFIC CONDUCTIVITY	umhos/cm	E120.1	6770		7370		8380		8740		9270		8010					
pH	S.U.	E150.1	7.3		7.3		7.4		7.3		7.1		7.1					
DISSOLVED ORGANIC CARBON	mg/L	E415.1	39.4		34		35		33.2		29.4		26.6					
MERCURY	ug/L	SW7470	0.32	J	1	U	1	U	1	U	0.3	J	1		2	U	2	U
1,2,3-TRICHLOROBENZENE	ug/L	SW8260	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
1,2,4-TRICHLOROBENZENE	ug/L	SW8260	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
1,2-DICHLOROBENZENE	ug/L	SW8260	4.8	J	2.1	J	1.6	J	1.6	J	0.86	J	1.6	J	3.1	J	4.1	J
1,3,5-TRICHLOROBENZENE	ug/L	SW8260	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
1,3-DICHLOROBENZENE	ug/L	SW8260	1.5	J	0.69	J	0.51	J	0.55	J	5	U	0.69	J	2.5	J	1.9	J
1,4-DICHLOROBENZENE	ug/L	SW8260	16		6.2		4.5	J	4.7	J	2.6	J	4.8	J	20		14	
BENZENE	ug/L	SW8260	47		22		10		10		9		9.7		70		120	
CHLOROBENZENE	ug/L	SW8260	66		32		26		29		23		33		140		170	
ETHYLBENZENE	ug/L	SW8260	5	U	5	U	5	U	5	U	5	U	5	U	3.7	J	5	U
NAPHTHALENE	ug/L	SW8260	1.4	J	5	U	5	U	5	U	2.8	J	9.9		1.5	J	3	J
TOLUENE	ug/L	SW8260	4.1	J	1.6	J	1	J	1.2	J	0.81	J	1.3	J	1.4	J	3.9	J
XYLENES, TOTAL	ug/L	SW8260	22		9.4	J	6.9	J	6.5	J	3.6	J	7.2	J	5.6	J	15	

		Location	OL-PP-70024		OL-PP-70024		OL-PP-70024		OL-PP-70024		OL-PP-70024		OL-PP-70024		OL-PP-70031		OL-PP-70031	
		Sample Depth	4.0-5.0 Ft (2-3)		5.0-6.0 Ft (3-4)		6.0-7.0 Ft (4-5)		7.0-8.0 Ft (5-6)		8.0-9.0 Ft (6-7)		9.0-10.0 Ft (7-8)		2.0-3.0 Ft (0-1)		3.0-4.0 Ft (1-2)	
		Field Sample ID	OL-0209-03		OL-0209-04		OL-0209-05		OL-0209-06		OL-0209-07		OL-0209-08		OL-0240-14		OL-0240-17	
		Matrix	WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER	
		Sample Delivery Group	C6J100148		C6J100148		C6J100148		C6J100148		C6J100148		C6J100148		C6K070216		C6K070216	
		Lab Sample ID	C6J100148003		C6J100148004		C6J100148005		C6J100148006		C6J100148007		C6J100148008		C6K070216014		C6K070216017	
		Sample Type	POREWATER		POREWATER		POREWATER		POREWATER		POREWATER		POREWATER		POREWATER		POREWATER	
Parameter Name	Units	Analytical Method																
SPECIFIC CONDUCTIVITY	umhos/cm	E120.1													6170		7650	
pH	S.U.	E150.1	7.4		7.4										7.3		7.4	
DISSOLVED ORGANIC CARBON	mg/L	E415.1	23.8		23.6										29.7		34.3	
MERCURY	ug/L	SW7470	2	U	2	U	2	U	2	U	2	U			1	U	1	U
1,2,3-TRICHLOROBENZENE	ug/L	SW8260	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
1,2,4-TRICHLOROBENZENE	ug/L	SW8260	1.3	J	1.6	J	5	U	5	U	5	U	5	U	5	U	5	U
1,2-DICHLOROBENZENE	ug/L	SW8260	11		12		35		10		12		3.1	J	5	U	5	U
1,3,5-TRICHLOROBENZENE	ug/L	SW8260	0.75	J	5	U	5	U	5	U	5	U	5	U	5	U	5	U
1,3-DICHLOROBENZENE	ug/L	SW8260	9.3		5.7		7.5		7		10		2.8	J	5	U	5	U
1,4-DICHLOROBENZENE	ug/L	SW8260	44		59		100		69		89		21		5	U	5	U
BENZENE	ug/L	SW8260	160		180		150		120		82		40		1.7	J	4.8	J
CHLOROBENZENE	ug/L	SW8260	410		470		350		370		340		110		3	J	3.3	J
ETHYLBENZENE	ug/L	SW8260	6.8		11		16		8.1		8.5		1.6	J	5	U	5	U
NAPHTHALENE	ug/L	SW8260	140		21	J	56	J	69	J	61	J	28		10		1.1	J
TOLUENE	ug/L	SW8260	32		63		96		58		30		4.5	J	2.1	J	5	U
XYLENES, TOTAL	ug/L	SW8260	73		100		120		62		52		17		4	J	15	U

Table 3B
Summary of Porewater Analytical Results

		Location	OL-PP-70031		OL-PP-70031		OL-PP-70031		OL-PP-70031		OL-PP-70031		OL-PP-70031	
		Sample Depth	4.0-5.0 Ft (2-3)		5.0-6.0 Ft (3-4)		6.0-7.0 Ft (4-5)		7.0-8.0 Ft (5-6)		8.0-9.0 Ft (6-7)		9.0-10.0 Ft (7-8)	
		Field Sample ID	OL-0240-19		OL-0240-20		OL-0241-01		OL-0240-18		OL-0240-16		OL-0240-15	
		Matrix	WATER		WATER		WATER		WATER		WATER		WATER	
		Sample Delivery Group	C6K070216		C6K070216		C6K070217		C6K070216		C6K070216		C6K070216	
		Lab Sample ID	C6K070216019		C6K070216020		C6K070217001		C6K070216018		C6K070216016		C6K070216015	
		Sample Type	POREWATER		POREWATER		POREWATER		POREWATER		POREWATER		POREWATER	
Parameter Name	Units	Analytical Method												
SPECIFIC CONDUCTIVITY	umhos/cm	E120.1	8710		9600		10000		10500		11500		12400	
pH	S.U.	E150.1	7.4		7.2		7.3		7.2		7.2		7.2	
DISSOLVED ORGANIC CARBON	mg/L	E415.1	36.2		36.8		35		32.3		26.9		24.4	
MERCURY	ug/L	SW7470	1	U	1	U	1	U	1	U	1	U	1	U
1,2,3-TRICHLOROBENZENE	ug/L	SW8260	5	U	5	U	5	U	5	U	5	U	5	U
1,2,4-TRICHLOROBENZENE	ug/L	SW8260	5	U	5	U	5	U	5	U	5	U	5	U
1,2-DICHLOROBENZENE	ug/L	SW8260	5	U	5	U	5	U	5	U	5	U	5	U
1,3,5-TRICHLOROBENZENE	ug/L	SW8260	5	U	5	U	5	U	5	U	5	U	5	U
1,3-DICHLOROBENZENE	ug/L	SW8260	5	U	5	U	5	U	5	U	5	U	5	U
1,4-DICHLOROBENZENE	ug/L	SW8260	5	U	5	U	0.8	J	0.57	J	0.85	J	0.62	J
BENZENE	ug/L	SW8260	9.3		14		16		10		7.4		5.4	
CHLOROBENZENE	ug/L	SW8260	4.9	J	9.4		11		5.5		5		3.8	J
ETHYLBENZENE	ug/L	SW8260	5	U	5	U	5	U	5	U	5	U	5	U
NAPHTHALENE	ug/L	SW8260	5	U	5	U	3.5	J	5	U	3	J	9.2	
TOLUENE	ug/L	SW8260	5	U	0.76	J	1.8	J	1	J	1.1	J	2.9	J
XYLENES, TOTAL	ug/L	SW8260	15	U	15	U	2.6	J	15	U	2.6	J	5.1	J

Table 3C
Summary of Deep Boring Sediment and Porewater Analytical Results Summary

		Field Sample ID	OL-0213-01		OL-0213-02		OL-0218-01		OL-0218-02		OL-0223-01		OL-0226-01		OL-0226-02		OL-0227-01		OL-0228-02	
		Location	OL-STA-10108		OL-STA-10108		OL-STA-10108		OL-STA-10108		OL-STA-10108		OL-STA-10108		OL-STA-10108		OL-STA-10108		OL-STA-10108	
		Sample Depth	47-79 FT		47-79 FT		62-64 FT		66-68 FT		70-72 FT		128-130 FT		128-130 FT		139-141 FT		141-143 FT	
		Matrix	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
		Sample Purpose	Regular Sample		Field Duplicate		Regular Sample		Regular Sample		Regular Sample		Regular Sample		Field Duplicate		Regular Sample		Regular Sample	
		Sample Date	10/10/2006		10/10/2006		10/11/2006		10/11/2006		10/12/2006		10/18/2006		10/18/2006		10/19/2006		10/20/2006	
		Sample Delivery Group	6J120122 C6J120122		6J120122 C6J120122		6J120221 C6J120221		6J120221 C6J120221		6J130166 C6J130166		6J190166 C6J190166		C6J190166		6J200420 C6J200420		6J210181 C6J210181	
		Lab Sample ID	687124 C6J120122002		687125 C6J120122003		687122 C6J120221003		687123 C6J120221004		687333 C6J130166002		688178 C6J190166001		C6J190166002		688619 C6J200420001		688618 C6J210181002	
Parameter Name	Units	Analytical Method																		
DENSITY	g/cc	ASTM D2937	0.7		0.76		0.9		0.65		1.13		1.77				1.87		2	
SOLIDS, PERCENT	%	E160.3	57.9		57.4		58.9		60.5		59.8		86.5		85.8		87.4		90.5	
CHLORIDE	mg/kg	E300.0	34600		44200		57900		59100		54900		23200				2580		6190	
NITROGEN, NITRATE (AS N)	mg/kg	E300.0	8.6	U	8.7	U	0.85	U	0.83	U	4.2	U	0.58	U			0.57	U	0.55	U
SULFATE	ug/kg	E300.0	152000	J	257000		563000		586000		590000		428000				11200000		2020000	J
PHOSPHORUS, TOTAL ORTHOPHOSPHATE (AS P)	mg/kg	E365.2	0.69	J	0.64	J	1.7	U	1.7	U	1.7	U	1.2	U			1.1	U	1.1	U
CALCIUM	mg/kg	SW6010	132000		120000		175000		188000		189000		46500	J			73500		102000	
IRON	mg/kg	SW6010	15100		16600		12200		9640		11000		8030	J			4230		7660	
MAGNESIUM	mg/kg	SW6010	9410		9510		8600		7920		8030		16700	J			8640		18600	
MANGANESE	mg/kg	SW6010	350		357		507		471		485		314	J			170		361	
POTASSIUM	mg/kg	SW6010	1650	J	1680	J	1490		1160		1350		940	J			434		766	
SODIUM	mg/kg	SW6010	27300		26600		35000		33900		34300		11800				1980		5220	
1,1,1-TRICHLOROETHANE	ug/kg	SW8260					8.5	U	8.3	U	8.4	U	5.8	U	5.8	U	5.7	U	5.5	U
1,1,2,2-TETRACHLOROETHANE	ug/kg	SW8260					8.5	U	8.3	U	8.4	U	5.8	U	5.8	U	5.7	U	5.5	U
1,1,2-TRICHLOROETHANE	ug/kg	SW8260					8.5	U	8.3	U	8.4	U	5.8	U	5.8	U	5.7	U	5.5	U
1,1,2-TRICHLOROTRIFLUOROETHANE	ug/kg	SW8260					8.5	U	8.3	U	8.4	U	5.8	U	5.8	U	5.7	U	5.5	U
1,1-DICHLOROETHANE	ug/kg	SW8260					8.5	U	8.3	U	8.4	U	5.8	U	5.8	U	5.7	U	5.5	U
1,1-DICHLOROETHENE	ug/kg	SW8260					8.5	U	8.3	U	8.4	U	5.8	U	5.8	U	5.7	U	5.5	U
1,2,3-TRICHLOROBENZENE	ug/kg	SW8260					8.5	U	8.3	U	8.4	U	5.8	U	5.8	U	5.7	U	5.5	U
1,2,4-TRICHLOROBENZENE	ug/kg	SW8260					8.5	U	8.3	U	8.4	U	5.8	U	5.8	U	5.7	U	5.5	U
1,2-DIBROMO-3-CHLOROPROPANE	ug/kg	SW8260					8.5	U	8.3	U	8.4	U	5.8	U	5.8	U	5.7	U	5.5	UJ
1,2-DIBROMOETHANE	ug/kg	SW8260					8.5	U	8.3	U	8.4	U	5.8	U	5.8	U	5.7	U	5.5	U
1,2-DICHLOROBENZENE	ug/kg	SW8260					8.5	U	8.3	U	8.4	U	5.8	U	5.8	U	5.7	U	5.5	U
1,2-DICHLOROETHANE	ug/kg	SW8260					8.5	U	8.3	U	8.4	U	5.8	U	5.8	U	5.7	U	5.5	U
1,2-DICHLOROPROPANE	ug/kg	SW8260					8.5	U	8.3	U	8.4	U	5.8	U	5.8	U	5.7	U	5.5	U
1,3,5-TRICHLOROBENZENE	ug/kg	SW8260					8.5	U	8.3	U	8.4	U	5.8	U	5.8	U	5.7	U	5.5	U
1,3-DICHLOROBENZENE	ug/kg	SW8260					8.5	U	8.3	U	8.4	U	5.8	U	5.8	U	5.7	U	5.5	U
1,4-DICHLOROBENZENE	ug/kg	SW8260					8.5	U	8.3	U	8.4	U	5.8	U	5.8	U	5.7	U	5.5	U
2-BUTANONE	ug/kg	SW8260					8.5	U	8.3	U	8.4	U	5.8	U	5.8	U	5.7	U	5.5	U
2-HEXANONE	ug/kg	SW8260					8.5	U	8.3	U	8.4	U	5.8	U	5.8	U	5.7	U	5.5	U
4-METHYL-2-PENTANONE	ug/kg	SW8260					8.5	U	8.3	U	8.4	U	5.8	U	5.8	U	5.7	U	5.5	U
ACETONE	ug/kg	SW8260					34	U	33	U	33	U	23	U	23	U	23	U	22	U
BENZENE	ug/kg	SW8260					8.5	U	8.3	U	8.4	U	5.8	U	5.8	U	5.7	U	5.5	U
BROMODICHLOROMETHANE	ug/kg	SW8260					8.5	U	8.3	U	8.4	U	5.8	U	5.8	U	5.7	U	5.5	U
BROMOFORM	ug/kg	SW8260					8.5	U	8.3	U	8.4	U	5.8	U	5.8	U	5.7	U	5.5	U
BROMOMETHANE	ug/kg	SW8260					8.5	U	8.3	U	8.4	U	5.8	U	5.8	U	5.7	U	5.5	U
CARBON DISULFIDE	ug/kg	SW8260					8.5	UJ	8.3	UJ	8.4	UJ	5.8	UJ	5.8	UJ	5.7	UJ	5.5	UJ
CARBON TETRACHLORIDE	ug/kg	SW8260					8.5	U	8.3	U	8.4	U	5.8	U	5.8	U	5.7	U	5.5	U
CHLOROBENZENE	ug/kg	SW8260					8.5	U	8.3	U	8.4	U	5.8	U	5.8	U	5.7	U	5.5	U
CHLORODIBROMOMETHANE	ug/kg	SW8260					8.5	U	8.3	U	8.4	U	5.8	U	5.8	U	5.7	U	5.5	U
CHLOROETHANE	ug/kg	SW8260					8.5	U	8.3	U	8.4	U	5.8	U	5.8	U	5.7	U	5.5	U
CHLOROFORM	ug/kg	SW8260					8.5	U	8.3	U	8.4	U	5.8	U	5.8	U	5.7	U	5.5	U
CHLOROMETHANE	ug/kg	SW8260					8.5	U	8.3	U	8.4	U	5.8	U	5.8	U	5.7	U	5.5	U
CIS-1,2-DICHLOROETHENE	ug/kg	SW8260					8.5	U	8.3	U	8.4	U	5.8	U	5.8	U	5.7	U	5.5	U
CIS-1,3-DICHLOROPROPENE	ug/kg	SW8260					8.5	U	8.3	U	8.4	U	5.8	U	5.8	U	5.7	U	5.5	U
CYCLOHEXANE	ug/kg	SW8260					8.5	U	8.3	U	8.4	U	5.8	U	5.8	U	5.7	U	5.5	U
DICHLORODIFLUOROMETHANE	ug/kg	SW8260					8.5	U	8.3	U	8.4	U	5.8	U	5.8	U	5.7	U	5.5	UJ
ETHYLBENZENE	ug/kg	SW8260					8.5	U	8.3	U	8.4	U	5.8	U	5.8	U	5.7	U	5.5	U
ISOPROPYLBENZENE	ug/kg	SW8260					8.5	U	8.3	U	8.4	U	5.8	U	5.8	U	5.7	U	5.5	U
METHYL ACETATE	ug/kg	SW8260					8.5	U	8.3	U	8.4	U	5.8	U	5.8	U	5.7	U	5.5	U
METHYL TERT-BUTYL ETHER	ug/kg	SW8260					8.5	U	8.3	U	8.4	U	5.8	U	5.8	U	5.7	U	5.5	U
METHYLCYCLOHEXANE	ug/kg	SW8260					8.5	U	8.3	U	8.4	U	5.8	U	5.8	U	5.7	U	5.5	U
METHYLENE CHLORIDE	ug/kg	SW8260					8.5	UJ	8.3	UJ	8.4	UJ	5.8	UJ	5.8	UJ	13	UJ	5.5	U
NAPHTHALENE	ug/kg	SW8260					8.5	U	8.3	U	8.4	U	5.8	U	5.8	U	5.7	U	5.5	U
STYRENE	ug/kg	SW8260					8.5	U	8.3	U	8.4	U	5.8	U	5.8	U	5.7	U	5.5	U
TETRACHLOROETHENE	ug/kg	SW8260					8.5	U	8.3	U	8.4	U	5.8	U	5.8	U	5.7	U	5.5	U
TOLUENE	ug/kg	SW8260					8.5	U	8.3	U	8.4	U	5.8	U	5.8	U	5.7	U	5.5	U
TRANS-1,2-DICHLOROETHENE	ug/kg	SW8260					8.5	U	8.3	U	8.4	U	5.8	U	5.8	U	5.7	U	5.5	U
TRANS-1,3-DICHLOROPROPENE	ug/kg	SW8260					8.5	U	8.3	U	8.4	U	5.8	U	5.8	U	5.7	U	5.5	U
TRICHLOROETHENE	ug/kg	SW8260					8.5	U	8.3	U	8.4	U	5.8	U	5.8	U	5.7	U	5.5	U
TRICHLOROFLUOROMETHANE	ug/kg	SW8260					8.5	U	8.3	U	8.4	U	5.8	U	5.8	U	5.7	U	5.5	UJ
VINYL CHLORIDE	ug/kg	SW8260					8.5	U	8.3	U	8.4	U	5.8	U	5.8	U	5.7	U	5.5	U
XYLENES, TOTAL	ug/kg	SW8260					25	U	25	U	25	U	17	U	17	U	17	U	17	U

Note: Additional VOC analysis performed by the lab for some intervals by error.

		Field Sample ID	OL-0175-01		OL-0176-01		OL-0176-02		OL-0176-03		OL-0177-01		OL-0177-03		OL-0178-02		OL-0178-04		OL-0179-01	
		Location	OL-STA-30033		OL-STA-30033		OL-STA-30033		OL-STA-30033		OL-STA-30033		OL-STA-30033		OL-STA-30033		OL-STA-30033		OL-STA-30033	
		Sample Depth	20-22 FT		45-47 FT		49-51 FT		53-55 FT		57-59 FT		63-65 FT		67-69 FT		71-73 FT		77-79 FT	
		Matrix	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
		Sample Purpose	Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample		Regular Sample	
		Sample Date	9/19/2006		9/20/2006		9/20/2006		9/20/2006		9/21/2006		9/21/2006		9/22/2006		9/22/2006		9/25/2006	
		Sample Delivery Group	6I200194 C6I200194		6I210289 C6I210289		6I210289 C6I210289		6I210289 C6I210289		6I220292 C6I220292		6I220292 C6I220292		6I230157 C6I230157		6I230157 C6I230157		6I260106 C6I260106	
		Lab Sample ID	684088 C6I200194001		684072 C6I210289001		684073 C6I210289002		684074 C6I210289003		684220 C6I220292001		684221 C6I220292003		684218 C6I230157002		684219 C6I230157004		684410 C6I260106001	
Parameter Name	Units	Analytical Method																		
DENSITY	g/cc	ASTM D2937	0.64		1.51		1.62		1.69		1.9		1.56		1.71		1.8		1.78	
SOLIDS, PERCENT	%	E160.3	54.3		71.8		79.3		80.4		78.2		77.6		77.4		76.3		85	
CHLORIDE	mg/kg	E300.0	60600		57800		34600		28300		14600		13800		19000		19800		8330	
NITROGEN, NITRATE (AS N)	mg/kg	E300.0	0.92	U	7	U	0.63	U	0.62	U	0.64	U	0.64	U	0.65	U	0.66	U	0.59	U
SULFATE	ug/kg	E300.0	1300000		1250000		822000		735000		1070000		1090000		815000		643000		1340000	
PHOSPHORUS, TOTAL ORTHOPHOSPHATE (AS P)	mg/kg	E365.2	0.77	J	0.07	J	0.025	J	0.062	J	1.3	U	1.3	U	1.3	U	1.3	U	1.2	U
CALCIUM	mg/kg	SW6010	157000		61000		57400		56300		52900		45000		43800		35400		39100	
IRON	mg/kg	SW6010	12900		17800		15700		14400		9890		7110		6740		5360		3620	
MAGNESIUM	mg/kg	SW6010	7980		20900		20600		23000		20700		15700		16300		12600		12900	
MANGANESE	mg/kg	SW6010	695		668		484		400		361		295		292		253		134	
POTASSIUM	mg/kg	SW6010	1440	J	2770		2710		2300		1350		696		856	J	697	J	453	J
SODIUM	mg/kg	SW6010	29100		30300		17800		14200		5210		4680		5800		6460		1550	
1,1,1-TRICHLOROETHANE	ug/kg	SW8260			7	U	6.3	U	6.2	U	6.4	U	6.4	U					290	U
1,1,2,2-TETRACHLOROETHANE	ug/kg	SW8260			7	U	6.3	U	6.2	U	6.4	U	6.4	U					290	UJ
1,1,2-TRICHLOROETHANE	ug/kg	SW8260			7	U	6.3	U	6.2	U	6.4	U	6.4	U					290	U
1,1,2-TRICHLOROTRIFLUOROETHANE	ug/kg	SW8260			7	U	6.3	U	6.2	U	6.4	U	6.4	U					290	U
1,1-DICHLOROETHANE	ug/kg	SW8260			7	U	6.3	U	6.2	U	6.4	U	6.4	U					290	U
1,1-DICHLOROETHENE	ug/kg	SW8260			7	U	6.3	U	6.2	U	6.4	U	6.4	U					290	U
1,2,3-TRICHLOROBENZENE	ug/kg	SW8260			7	UJ	6.3	UJ	6.2	UJ	6.4	U	6.4	U	6.5	U	6.6	U	290	U
1,2,4-TRICHLOROBENZENE	ug/kg	SW8260			7	UJ	6.3	UJ	6.2	UJ	6.4	UJ	6.4	UJ	6.5	UJ	6.6	UJ	290	U
1,2-DIBROMO-3-CHLOROPROPANE	ug/kg	SW8260			7	U	6.3	U	6.2	U	6.4	U	6.4	U					290	UJ
1,2-DIBROMOETHANE	ug/kg	SW8260			7	U	6.3	U	6.2	U	6.4	U	6.4	U					290	U
1,2-DICHLOROBENZENE	ug/kg	SW8260			7	U	6.3	U	6.2	U	6.4	U	6.4	U	6.5	U	6.6	U	290	U
1,2-DICHLOROETHANE	ug/kg	SW8260			7	U	6.3	U	6.2	U	6.4	U	6.4	U					290	U
1,2-DICHLOROPROPANE	ug/kg	SW8260			7	U	6.3	U	6.2	U	6.4	U	6.4	U					290	U
1,3,5-TRICHLOROBENZENE	ug/kg	SW8260			7	UJ	6.3	UJ	6.2	UJ	6.4	UJ	6.4	UJ	6.5	UJ	6.6	UJ	290	U
1,3-DICHLOROBENZENE	ug/kg	SW8260			7	U	6.3	U	6.2	U	6.4	U	6.4	U	6.5	U	6.6	U	290	U
1,4-DICHLOROBENZENE	ug/kg	SW8260			7	U	6.3	U	6.2	U	6.4	U	6.4	U	6.5	U	6.6	U	290	U
2-BUTANONE	ug/kg	SW8260			7	U	6.3	U	6.2	U	6.4	U	6.4	U					290	UJ
2-HEXANONE	ug/kg	SW8260			7	U	6.3	U	6.2	U	6.4	U	6.4	U					290	UJ
4-METHYL-2-PENTANONE	ug/kg	SW8260			7	U	6.3	U	6.2	U	6.4	U	6.4	U					290	U
ACETONE	ug/kg	SW8260			28	U	25	U	25	U	26	U	26	U					1200	UJ
BENZENE	ug/kg	SW8260			7	U	6.3	U	6.2	U	6.4	U	6.4	U	6.5	U	220		2700	
BROMODICHLOROMETHANE	ug/kg	SW8260			7	U	6.3	U	6.2	U	6.4	U	6.4	U					290	U
BROMOFORM	ug/kg	SW8260			7	U	6.3	U	6.2	U	6.4	U	6.4	U					290	UJ
BROMOMETHANE	ug/kg	SW8260			7	U	6.3	U	6.2	U	6.4	U	6.4	U					290	U
CARBON DISULFIDE	ug/kg	SW8260			7	U	6.3	U	6.2	U	6.4	U	6.4	U					290	U
CARBON TETRACHLORIDE	ug/kg	SW8260			7	U	6.3	U	6.2	U	6.4	U	6.4	U					290	UJ
CHLOROBENZENE	ug/kg	SW8260			7	U	6.3	U	6.2	U	6.4	U	6.4	U	6.5	U	6.6	U	290	U
CHLORODIBROMOMETHANE	ug/kg	SW8260			7	U	6.3	U	6.2	U	6.4	U	6.4	U					290	U
CHLOROETHANE	ug/kg	SW8260			7	U	6.3	U	6.2	U	6.4	UJ	6.4	UJ					290	UJ
CHLOROFORM	ug/kg	SW8260			7	U	6.3	U	6.2	U	6.4	U	6.4	U					290	U
CHLOROMETHANE	ug/kg	SW8260			7	U	6.3	U	6.2	U	6.4	U	6.4	U					290	UJ
CIS-1,2-DICHLOROETHENE	ug/kg	SW8260			7	U	6.3	U	6.2	U	6.4	U	6.4	U					290	U
CIS-1,3-DICHLOROPROPENE	ug/kg	SW8260			7	U	6.3	U	6.2	U	6.4	U	6.4	U					290	U
CYCLOHEXANE	ug/kg	SW8260			7	U	6.3	U	6.2	U	6.4	U	6.4	U					290	U
DICHLORODIFLUOROMETHANE	ug/kg	SW8260			7	U	6.3	U	6.2	U	6.4	UJ	6.4	UJ					290	UJ
ETHYLBENZENE	ug/kg	SW8260			7	U	6.3	U	6.2	U	6.4	U	6.4	U	6.5	U	6.6	U	290	U
ISOPROPYLBENZENE	ug/kg	SW8260			7	U	6.3	U	6.2	U	6.4	U	6.4	U					290	U
METHYL ACETATE	ug/kg	SW8260			7	U	6.3	U	6.2	U	6.4	U	6.4	U					290	U
METHYL TERT-BUTYL ETHER	ug/kg	SW8260			7	U	6.3	U	6.2	U	6.4	U	6.4	U					290	U
METHYLCYCLOHEXANE	ug/kg	SW8260			7	U	6.3	U	6.2	U	6.4	U	6.4	U					290	U
METHYLENE CHLORIDE	ug/kg	SW8260			7.3	U	6.3	U	7.1	U	6.4	U	8.1	U					290	U
NAPHTHALENE	ug/kg	SW8260			7	UJ	6.3	UJ	6.2	UJ	6.4	UJ	6.4	UJ	6.5	UJ	6.6	UJ	290	U
STYRENE	ug/kg	SW8260			7	U	6.3	U	6.2	U	6.4	U	6.4	U					290	U
TETRACHLOROETHENE	ug/kg	SW8260			7	U	6.3	U	6.2	U	6.4	U	6.4	U					290	U
TOLUENE	ug/kg	SW8260			7	U	6.3	U	6.2	U	6.4	U	6.4	U	6.5	U	6.6	U	290	U
TRANS-1,2-DICHLOROETHENE	ug/kg	SW8260			7	U	6.3	U	6.2	U	6.4	U	6.4	U					290	U
TRANS-1,3-DICHLOROPROPENE	ug/kg	SW8260			7	U	6.3	U	6.2	U	6.4	U	6.4	U					290	U
TRICHLOROETHENE	ug/kg	SW8260			7	U	6.3	U	6.2	U	6.4	U	6.4	U					290	U
TRICHLOROFLUOROMETHANE	ug/kg	SW8260			7	U	6.3	U	6.2	U	6.4	U	6.4	U					290	UJ
VINYL CHLORIDE	ug/kg	SW8260			7	U	6.3	U	6.2	U	6.4	U	6.4	U					290	U
XYLENES, TOTAL	ug/kg	SW8260			21	U	19	U	19	U	19	U	19	U	19	U	20	U	880	U

Note: Additional VOC analysis performed by the lab for some intervals by error.

Table 3C
Summary of Deep Boring Sediment and Porewater Analytical Results Summary

		Field Sample ID	OL-0182-01	
		Location	OL-STA-30033	
		Sample Depth	101-103 FT	
		Matrix	SOIL	
		Sample Purpose	Regular Sample	
		Sample Date	9/27/2006	
		Sample Delivery Group	6I280215 C6I280215	
		Lab Sample ID	685240 C6I280215001	
Parameter Name	Units	Analytical Method		
DENSITY	g/cc	ASTM D2937	1.87	
SOLIDS, PERCENT	%	E160.3	89.8	
CHLORIDE	mg/kg	E300.0	11200	
NITROGEN, NITRATE (AS N)	mg/kg	E300.0	0.56	U
SULFATE	ug/kg	E300.0	169000	
PHOSPHORUS, TOTAL ORTHOPHOSPHATE (AS P)	mg/kg	E365.2	0.033	J
CALCIUM	mg/kg	SW6010	118000	
IRON	mg/kg	SW6010	7620	
MAGNESIUM	mg/kg	SW6010	20700	
MANGANESE	mg/kg	SW6010	413	
POTASSIUM	mg/kg	SW6010	812	
SODIUM	mg/kg	SW6010	1620	
1,1,1-TRICHLOROETHANE	ug/kg	SW8260	280	U
1,1,2,2-TETRACHLOROETHANE	ug/kg	SW8260	280	U
1,1,2-TRICHLOROETHANE	ug/kg	SW8260	280	U
1,1,2-TRICHLOROTRIFLUOROETHANE	ug/kg	SW8260	280	U
1,1-DICHLOROETHANE	ug/kg	SW8260	280	U
1,1-DICHLOROETHENE	ug/kg	SW8260	280	U
1,2,3-TRICHLOROBENZENE	ug/kg	SW8260	280	U
1,2,4-TRICHLOROBENZENE	ug/kg	SW8260	280	U
1,2-DIBROMO-3-CHLOROPROPANE	ug/kg	SW8260	280	UJ
1,2-DIBROMOETHANE	ug/kg	SW8260	280	U
1,2-DICHLOROBENZENE	ug/kg	SW8260	280	U
1,2-DICHLOROETHANE	ug/kg	SW8260	280	U
1,2-DICHLOROPROPANE	ug/kg	SW8260	280	U
1,3,5-TRICHLOROBENZENE	ug/kg	SW8260	280	U
1,3-DICHLOROBENZENE	ug/kg	SW8260	280	U
1,4-DICHLOROBENZENE	ug/kg	SW8260	280	U
2-BUTANONE	ug/kg	SW8260	280	UJ
2-HEXANONE	ug/kg	SW8260	280	UJ
4-METHYL-2-PENTANONE	ug/kg	SW8260	280	U
ACETONE	ug/kg	SW8260	1100	UJ
BENZENE	ug/kg	SW8260	3500	
BROMODICHLOROMETHANE	ug/kg	SW8260	280	U
BROMOFORM	ug/kg	SW8260	280	UJ
BROMOMETHANE	ug/kg	SW8260	280	U
CARBON DISULFIDE	ug/kg	SW8260	280	U
CARBON TETRACHLORIDE	ug/kg	SW8260	280	UJ
CHLOROBENZENE	ug/kg	SW8260	280	U
CHLORODIBROMOMETHANE	ug/kg	SW8260	280	U
CHLOROETHANE	ug/kg	SW8260	280	UJ
CHLOROFORM	ug/kg	SW8260	280	U
CHLOROMETHANE	ug/kg	SW8260	280	UJ
CIS-1,2-DICHLOROETHENE	ug/kg	SW8260	280	U
CIS-1,3-DICHLOROPROPENE	ug/kg	SW8260	280	U
CYCLOHEXANE	ug/kg	SW8260	280	U
DICHLORODIFLUOROMETHANE	ug/kg	SW8260	280	UJ
ETHYLBENZENE	ug/kg	SW8260	280	U
ISOPROPYLBENZENE	ug/kg	SW8260	280	U
METHYL ACETATE	ug/kg	SW8260	280	U
METHYL TERT-BUTYL ETHER	ug/kg	SW8260	280	U
METHYLCYCLOHEXANE	ug/kg	SW8260	280	U
METHYLENE CHLORIDE	ug/kg	SW8260	280	U
NAPHTHALENE	ug/kg	SW8260	280	U
STYRENE	ug/kg	SW8260	280	U
TETRACHLOROETHENE	ug/kg	SW8260	280	U
TOLUENE	ug/kg	SW8260	280	U
TRANS-1,2-DICHLOROETHENE	ug/kg	SW8260	280	U
TRANS-1,3-DICHLOROPROPENE	ug/kg	SW8260	280	U
TRICHLOROETHENE	ug/kg	SW8260	280	U
TRICHLOROFLUOROMETHANE	ug/kg	SW8260	280	UJ
VINYL CHLORIDE	ug/kg	SW8260	280	U
XYLENES, TOTAL	ug/kg	SW8260	830	U
Note: Additional VOC analysis performed by the lab for some intervals by error.				

		Location	OL-STA-10108		OL-STA-10108		OL-STA-10108		OL-STA-10108		OL-STA-10108		OL-STA-10108		OL-STA-10108	
		Sample Depth	47-79 FT		62-64 FT		66-68 FT		70-72 FT		130-132 FT		141-143 FT		145-147 FT	
		Field Sample ID	OL-0213-01DP		OL-0218-01DP		OL-0218-02DP		OL-0223-01DP		OL-0226-03		OL-0228-01		OL-0229-01	
		Matrix	WATER		WATER		WATER		WATER		WATER		WATER		WATER	
		Sample Delivery Group	6J120122|C6J120122		6J120221|C6J120221		6J120221|C6J120221		6J130166|C6J130166		C6J190166		6J210181A|C6J210181		6J240203|C6J240203	
		Lab Sample ID	688449|C6J120122001		688385|C6J120221001		688386|C6J120221002		688383|C6J130166001		C6J190166003		690409|C6J210181001		690408|C6J240203001	
		Sample Type	POREWATER		POREWATER		POREWATER		POREWATER		POREWATER		POREWATER		POREWATER	
Parameter Name	Units	Analytical Method														
CHLORIDE	mg/L	E300.0	73800		90300		97400		70400		118000		59300		56000	
NITROGEN, NITRATE (AS N)	mg/L	E300.0	2.5	U	2.5	U	2.5	U	2.5	U	0.7	J	1.8		1.2	U
PHOSPHORUS, TOTAL ORTHOPHOSPHATE (AS P)	mg/L	E300.0	25	U	25	U	25	U	25	U	12.5	U	12.5	U	12.5	U
SULFATE	mg/L	E300.0	500		941		1020		825		2230		3190		3550	
SALINITY	Ratio	IN620	76.2		80.8		86.2		71.3				65.8		67.6	
CALCIUM	mg/L	SW6010	5360		6740		7440		5290		4210		2100		2210	J
IRON	mg/L	SW6010	2.32		13.5		24.7		46.5		2.71		1.46		4.83	
MAGNESIUM	mg/L	SW6010	1100	J	1530		1690		1210		867		383		427	
MANGANESE	mg/L	SW6010	2.75	J	9.15		12		9.29		13.1		3.69		2.92	
POTASSIUM	mg/L	SW6010	944	J	805		968		642		1260		488	J	608	J
SODIUM	mg/L	SW6010	31500		40300		40400		32900		46700		23300	J	28300	
1,1,1-TRICHLOROETHANE	ug/L	SW8260														
1,1,2,2-TETRACHLOROETHANE	ug/L	SW8260														
1,1,2-TRICHLOROETHANE	ug/L	SW8260														
1,1,2-TRICHLOROTRIFLUOROETHANE	ug/L	SW8260														
1,1-DICHLOROETHANE	ug/L	SW8260														
1,1-DICHLOROETHENE	ug/L	SW8260														
1,2,3-TRICHLOROBENZENE	ug/L	SW8260														
1,2,4-TRICHLOROBENZENE	ug/L	SW8260														
1,2-DIBROMO-3-CHLOROPROPANE	ug/L	SW8260														
1,2-DIBROMOETHANE	ug/L	SW8260														
1,2-DICHLOROBENZENE	ug/L	SW8260														
1,2-DICHLOROETHANE	ug/L	SW8260														
1,2-DICHLOROPROPANE	ug/L	SW8260														
1,3,5-TRICHLOROBENZENE	ug/L	SW8260														
1,3-DICHLOROBENZENE	ug/L	SW8260														
1,4-DICHLOROBENZENE	ug/L	SW8260														
2-BUTANONE	ug/L	SW8260														
2-HEXANONE	ug/L	SW8260														
4-METHYL-2-PENTANONE	ug/L	SW8260														
ACETONE	ug/L	SW8260														
BENZENE	ug/L	SW8260														
BROMODICHLOROMETHANE	ug/L	SW8260														
BROMOFORM	ug/L	SW8260														
BROMOMETHANE	ug/L	SW8260														
CARBON DISULFIDE	ug/L	SW8260														
CARBON TETRACHLORIDE	ug/L	SW8260														
CHLOROBENZENE	ug/L	SW8260														
CHLORODIBROMOMETHANE	ug/L	SW8260														
CHLOROETHANE	ug/L	SW8260														
CHLOROFORM	ug/L	SW8260														
CHLOROMETHANE	ug/L	SW8260														
CIS-1,2-DICHLOROETHENE	ug/L	SW8260														
CIS-1,3-DICHLOROPROPENE	ug/L	SW8260														
CYCLOHEXANE	ug/L	SW8260														
DICHLORODIFLUOROMETHANE	ug/L	SW8260														
ETHYLBENZENE	ug/L	SW8260														
ISOPROPYLBENZENE	ug/L	SW8260														
METHYL ACETATE	ug/L	SW8260														
METHYL TERT-BUTYL ETHER	ug/L	SW8260														
METHYLCYCLOHEXANE	ug/L	SW8260														
METHYLENE CHLORIDE	ug/L	SW8260														
NAPHTHALENE	ug/L	SW8260														
STYRENE	ug/L	SW8260														
TETRACHLOROETHENE	ug/L	SW8260														
TOLUENE	ug/L	SW8260														
TRANS-1,2-DICHLOROETHENE	ug/L	SW8260														
TRANS-1,3-DICHLOROPROPENE	ug/L	SW8260														
TRICHLOROETHENE	ug/L	SW8260														
TRICHLOROFLUOROMETHANE	ug/L	SW8260														
VINYL CHLORIDE	ug/L	SW8260														
XYLENES, TOTAL	ug/L	SW8260														

Table 3C
Summary of Deep Boring Sediment and Porewater Analytical Results Summary

		Location	OL-STA-10108		OL-STA-10108	
		Sample Depth	169-179 FT		169-179 FT	
		Field Sample ID	OL-0230-01		OL-0230-02	
		Matrix	WATER		WATER	
		Sample Delivery Group	6K030203|C6K030203		6K030203|C6K030203	
		Lab Sample ID	690291|C6K030203001		690292|C6K030203002	
		Sample Type	POREWATER		POREWATER	
Parameter Name	Units	Analytical Method				
CHLORIDE	mg/L	E300.0	99700		99900	
NITROGEN, NITRATE (AS N)	mg/L	E300.0	25	U	25	U
PHOSPHORUS, TOTAL ORTHOPHOSPHATE (AS P)	mg/L	E300.0	250	U	250	U
SULFATE	mg/L	E300.0	2610		2740	
SALINITY	Ratio	IN620	105		106	
CALCIUM	mg/L	SW6010	3110		3130	
IRON	mg/L	SW6010	5.55		5.02	
MAGNESIUM	mg/L	SW6010	637		635	
MANGANESE	mg/L	SW6010	3.11		3.11	
POTASSIUM	mg/L	SW6010	709	J	679	J
SODIUM	mg/L	SW6010	104000	J	106000	J
1,1,1-TRICHLOROETHANE	ug/L	SW8260	5	U	5	U
1,1,2,2-TETRACHLOROETHANE	ug/L	SW8260	5	U	5	U
1,1,2-TRICHLOROETHANE	ug/L	SW8260	5	U	5	U
1,1,2-TRICHLOROTRIFLUOROETHANE	ug/L	SW8260	5	U	5	U
1,1-DICHLOROETHANE	ug/L	SW8260	5	U	5	U
1,1-DICHLOROETHENE	ug/L	SW8260	5	U	5	U
1,2,3-TRICHLOROBENZENE	ug/L	SW8260	5	U	5	U
1,2,4-TRICHLOROBENZENE	ug/L	SW8260	5	U	5	U
1,2-DIBROMO-3-CHLOROPROPANE	ug/L	SW8260	5	U	5	U
1,2-DIBROMOETHANE	ug/L	SW8260	5	U	5	U
1,2-DICHLOROBENZENE	ug/L	SW8260	5	U	5	U
1,2-DICHLOROETHANE	ug/L	SW8260	5	U	5	U
1,2-DICHLOROPROPANE	ug/L	SW8260	5	U	5	U
1,3,5-TRICHLOROBENZENE	ug/L	SW8260	5	U	5	U
1,3-DICHLOROBENZENE	ug/L	SW8260	5	U	5	U
1,4-DICHLOROBENZENE	ug/L	SW8260	5	U	5	U
2-BUTANONE	ug/L	SW8260	5	U	5	U
2-HEXANONE	ug/L	SW8260	5	U	5	U
4-METHYL-2-PENTANONE	ug/L	SW8260	5	U	5	U
ACETONE	ug/L	SW8260	20	UJ	20	UJ
BENZENE	ug/L	SW8260	5	U	5	U
BROMODICHLOROMETHANE	ug/L	SW8260	5	U	5	U
BROMOFORM	ug/L	SW8260	5	U	5	U
BROMOMETHANE	ug/L	SW8260	5	UJ	5	UJ
CARBON DISULFIDE	ug/L	SW8260	5	U	5	U
CARBON TETRACHLORIDE	ug/L	SW8260	5	U	5	U
CHLOROBENZENE	ug/L	SW8260	5	U	5	U
CHLORODIBROMOMETHANE	ug/L	SW8260	5	U	5	U
CHLOROETHANE	ug/L	SW8260	5	UJ	5	UJ
CHLOROFORM	ug/L	SW8260	5	U	5	U
CHLOROMETHANE	ug/L	SW8260	5	U	5	U
CIS-1,2-DICHLOROETHENE	ug/L	SW8260	5	U	5	U
CIS-1,3-DICHLOROPROPENE	ug/L	SW8260	5	U	5	U
CYCLOHEXANE	ug/L	SW8260	5	U	5	U
DICHLORODIFLUOROMETHANE	ug/L	SW8260	5	U	5	U
ETHYLBENZENE	ug/L	SW8260	5	U	5	U
ISOPROPYLBENZENE	ug/L	SW8260	5	U	5	U
METHYL ACETATE	ug/L	SW8260	5	UJ	5	UJ
METHYL TERT-BUTYL ETHER	ug/L	SW8260	5	U	5	U
METHYLCYCLOHEXANE	ug/L	SW8260	5	U	5	U
METHYLENE CHLORIDE	ug/L	SW8260	5	U	5	U
NAPHTHALENE	ug/L	SW8260	5	U	5	U
STYRENE	ug/L	SW8260	5	U	5	U
TETRACHLOROETHENE	ug/L	SW8260	5	U	5	U
TOLUENE	ug/L	SW8260	1.9	J	2.5	J
TRANS-1,2-DICHLOROETHENE	ug/L	SW8260	5	U	5	U
TRANS-1,3-DICHLOROPROPENE	ug/L	SW8260	5	U	5	U
TRICHLOROETHENE	ug/L	SW8260	5	U	5	U
TRICHLOROFLUOROMETHANE	ug/L	SW8260	5	U	5	U
VINYL CHLORIDE	ug/L	SW8260	5	U	5	U
XYLENES, TOTAL	ug/L	SW8260	15	U	15	U

		Location	OL-STA-30033		OL-STA-30033		OL-STA-30033		OL-STA-30033		OL-STA-30033		OL-STA-30033		OL-STA-30033	
		Sample Depth	20-22 FT		45-47 FT		49-51 FT		53-55 FT		61-63 FT		65-67 FT		69-71 FT	
		Field Sample ID	OL-0175-01DP		OL-0176-01DP		OL-0176-02DP		OL-0176-03DP		OL-0177-02		OL-0178-01		OL-0178-03	
		Matrix	WATER		WATER		WATER		WATER		WATER		WATER		WATER	
		Sample Delivery Group	6I20194A|C6I200194		6I21289A|C6I210289		6I21289A|C6I210289		6I21289A|C6I210289		6I220292|C6I220292		6I230157|C6I230157		6I230157|C6I230157	
		Lab Sample ID	688384|C6I200194002		688388|C6I210289004		688389|C6I210289005		688390|C6I210289006		684577|C6I220292002		684575|C6I230157001		684576|C6I230157003	
		Sample Type	POREWATER		POREWATER		POREWATER		POREWATER		POREWATER		POREWATER		POREWATER	
Parameter Name	Units	Analytical Method														
CHLORIDE	mg/L	E300.0	78400		120000		113000		98200		36500		45800		42600	
NITROGEN, NITRATE (AS N)	mg/L	E300.0	2.5	U	2.5	U	2.5	U	2.5	U	0.5	U	12.5	U	12.5	U
PHOSPHORUS, TOTAL ORTHOPHOSPHATE (AS P)	mg/L	E300.0	25	U	25	U	25	U	25	U	5	U	12.5	U	12.5	U
SULFATE	mg/L	E300.0	2010		3080		3190		3250		2490		2350		1250	
SALINITY	Ratio	IN620	62		101		99.5		95.5		50.4		59.3		61.2	
CALCIUM	mg/L	SW6010	994		2560		2240		2120		1990		3250		5790	
IRON	mg/L	SW6010	19.2		6.24	J	6.93	J	11.4	J	0.5	U	14.7		3.24	
MAGNESIUM	mg/L	SW6010	237		511		466		425		198		224		217	
MANGANESE	mg/L	SW6010	2.19		2.4		1.96		2.05		2.42		3.45		5.45	
POTASSIUM	mg/L	SW6010	425	J	501	J	589	J	820	J	245		300	J	324	J
SODIUM	mg/L	SW6010	31600		49700	J	53900	J	46700	J	21400		25100		24100	
1,1,1-TRICHLOROETHANE	ug/L	SW8260									5	U				
1,1,2,2-TETRACHLOROETHANE	ug/L	SW8260									5	U				
1,1,2-TRICHLOROETHANE	ug/L	SW8260									5	U				
1,1,2-TRICHLOROTRIFLUOROETHANE	ug/L	SW8260									5	U				
1,1-DICHLOROETHANE	ug/L	SW8260									5	U				
1,1-DICHLOROETHENE	ug/L	SW8260									5	U				
1,2,3-TRICHLOROBENZENE	ug/L	SW8260									5	U	5	U	5	U
1,2,4-TRICHLOROBENZENE	ug/L	SW8260									5	U	5	U	5	U
1,2-DIBROMO-3-CHLOROPROPANE	ug/L	SW8260									5	U				
1,2-DIBROMOETHANE	ug/L	SW8260									5	U				
1,2-DICHLOROBENZENE	ug/L	SW8260									5	U	5	U	5	U
1,2-DICHLOROETHANE	ug/L	SW8260									5	U				
1,2-DICHLOROPROPANE	ug/L	SW8260									5	U				
1,3,5-TRICHLOROBENZENE	ug/L	SW8260									5	U	5	U	5	U
1,3-DICHLOROBENZENE	ug/L	SW8260									5	U	5	U	5	U
1,4-DICHLOROBENZENE	ug/L	SW8260									5	U	5	U	5	U
2-BUTANONE	ug/L	SW8260									5	U				
2-HEXANONE	ug/L	SW8260									5	U				
4-METHYL-2-PENTANONE	ug/L	SW8260									5	UJ				
ACETONE	ug/L	SW8260									20	U				
BENZENE	ug/L	SW8260									5	U	5	U	33	
BROMODICHLOROMETHANE	ug/L	SW8260									5	U				
BROMOFORM	ug/L	SW8260									5	U				
BROMOMETHANE	ug/L	SW8260									5	U				
CARBON DISULFIDE	ug/L	SW8260									5	U				
CARBON TETRACHLORIDE	ug/L	SW8260									5	U				
CHLOROBENZENE	ug/L	SW8260									5	U	5	U	5	U
CHLORODIBROMOMETHANE	ug/L	SW8260									5	U				
CHLOROETHANE	ug/L	SW8260									5	U				
CHLOROFORM	ug/L	SW8260									5	U				
CHLOROMETHANE	ug/L	SW8260									5	U				
CIS-1,2-DICHLOROETHENE	ug/L	SW8260									5	U				
CIS-1,3-DICHLOROPROPENE	ug/L	SW8260									5	U				
CYCLOHEXANE	ug/L	SW8260									5	U				
DICHLORODIFLUOROMETHANE	ug/L	SW8260									5	U				
ETHYLBENZENE	ug/L	SW8260									5	U	5	U	5	U
ISOPROPYLBENZENE	ug/L	SW8260									5	U				
METHYL ACETATE	ug/L	SW8260									5	U				
METHYL TERT-BUTYL ETHER	ug/L	SW8260									5	U				
METHYLCYCLOHEXANE	ug/L	SW8260									5	U				
METHYLENE CHLORIDE	ug/L	SW8260									5	U				
NAPHTHALENE	ug/L	SW8260									5	U	5	U	5	U
STYRENE	ug/L	SW8260									5	U				
TETRACHLOROETHENE	ug/L	SW8260									5	U				
TOLUENE	ug/L	SW8260									0.98	J	5	U	1.4	J
TRANS-1,2-DICHLOROETHENE	ug/L	SW8260									5	U				
TRANS-1,3-DICHLOROPROPENE	ug/L	SW8260									5	U				
TRICHLOROETHENE	ug/L	SW8260									5	U				
TRICHLOROFLUOROMETHANE	ug/L	SW8260									5	U				
VINYL CHLORIDE	ug/L	SW8260									5	U				
XYLENES, TOTAL	ug/L	SW8260									15	U	15	U	15	U

Table 3C
Summary of Deep Boring Sediment and Porewater Analytical Results Summary

		Location	OL-STA-30033		OL-STA-30033		OL-STA-30033	
		Sample Depth	79-81 FT		101-103 Ft		111-121 FT	
		Field Sample ID	OL-0180-01		OL-0184-01DP		OL-0197-01	
		Matrix	WATER		WATER		WATER	
		Sample Delivery Group	6I270213|C6I270213		6I290245|C6I290245		6J060229|C6J060229	
		Lab Sample ID	685603|C6I270213001		688387|C6I290245001		687041|C6J060229001	
		Sample Type	POREWATER		POREWATER		POREWATER	
Parameter Name	Units	Analytical Method						
CHLORIDE	mg/L	E300.0	52100		51600		63800	
NITROGEN, NITRATE (AS N)	mg/L	E300.0	0.34	J	2.5	U	1.2	U
PHOSPHORUS, TOTAL ORTHOPHOSPHATE (AS P)	mg/L	E300.0	12.5	U	25	U	12.5	U
SULFATE	mg/L	E300.0	876		773		1160	
SALINITY	Ratio	IN620	61.8		56.6		70.7	
CALCIUM	mg/L	SW6010	11800		13700	J	19500	
IRON	mg/L	SW6010	125		40.5		65.2	
MAGNESIUM	mg/L	SW6010	178		254		132	
MANGANESE	mg/L	SW6010	5.22		5.35		6.15	
POTASSIUM	mg/L	SW6010	303	J	330	J	268	J
SODIUM	mg/L	SW6010	14100		11500		14600	
1,1,1-TRICHLOROETHANE	ug/L	SW8260	50	U				
1,1,2,2-TETRACHLOROETHANE	ug/L	SW8260	50	U				
1,1,2-TRICHLOROETHANE	ug/L	SW8260	50	U				
1,1,2-TRICHLOROTRIFLUOROETHANE	ug/L	SW8260	50	U				
1,1-DICHLOROETHANE	ug/L	SW8260	50	U				
1,1-DICHLOROETHENE	ug/L	SW8260	50	U				
1,2,3-TRICHLOROBENZENE	ug/L	SW8260	50	U			50	U
1,2,4-TRICHLOROBENZENE	ug/L	SW8260	50	U			50	U
1,2-DIBROMO-3-CHLOROPROPANE	ug/L	SW8260	50	U				
1,2-DIBROMOETHANE	ug/L	SW8260	50	U				
1,2-DICHLOROBENZENE	ug/L	SW8260	50	U			50	U
1,2-DICHLOROETHANE	ug/L	SW8260	50	U				
1,2-DICHLOROPROPANE	ug/L	SW8260	50	U				
1,3,5-TRICHLOROBENZENE	ug/L	SW8260	50	U			50	U
1,3-DICHLOROBENZENE	ug/L	SW8260	50	U			50	U
1,4-DICHLOROBENZENE	ug/L	SW8260	50	U			50	U
2-BUTANONE	ug/L	SW8260	50	U				
2-HEXANONE	ug/L	SW8260	50	U				
4-METHYL-2-PENTANONE	ug/L	SW8260	50	U				
ACETONE	ug/L	SW8260	200	UJ				
BENZENE	ug/L	SW8260	13000				7400	
BROMODICHLOROMETHANE	ug/L	SW8260	50	U				
BROMOFORM	ug/L	SW8260	50	U				
BROMOMETHANE	ug/L	SW8260	50	U				
CARBON DISULFIDE	ug/L	SW8260	50	U				
CARBON TETRACHLORIDE	ug/L	SW8260	50	U				
CHLOROBENZENE	ug/L	SW8260	50	U			50	U
CHLORODIBROMOMETHANE	ug/L	SW8260	50	U				
CHLOROETHANE	ug/L	SW8260	50	U				
CHLOROFORM	ug/L	SW8260	50	U				
CHLOROMETHANE	ug/L	SW8260	50	U				
CIS-1,2-DICHLOROETHENE	ug/L	SW8260	50	U				
CIS-1,3-DICHLOROPROPENE	ug/L	SW8260	50	U				
CYCLOHEXANE	ug/L	SW8260	50	U				
DICHLORODIFLUOROMETHANE	ug/L	SW8260	50	U				
ETHYLBENZENE	ug/L	SW8260	50	U			50	U
ISOPROPYLBENZENE	ug/L	SW8260	50	U				
METHYL ACETATE	ug/L	SW8260	50	U				
METHYL TERT-BUTYL ETHER	ug/L	SW8260	50	U				
METHYLCYCLOHEXANE	ug/L	SW8260	50	U				
METHYLENE CHLORIDE	ug/L	SW8260	7.4	J				
NAPHTHALENE	ug/L	SW8260	50	U			50	U
STYRENE	ug/L	SW8260	50	U				
TETRACHLOROETHENE	ug/L	SW8260	50	U				
TOLUENE	ug/L	SW8260	50	U			50	U
TRANS-1,2-DICHLOROETHENE	ug/L	SW8260	50	U				
TRANS-1,3-DICHLOROPROPENE	ug/L	SW8260	50	U				
TRICHLOROETHENE	ug/L	SW8260	50	U				
TRICHLOROFLUOROMETHANE	ug/L	SW8260	50	UJ				
VINYL CHLORIDE	ug/L	SW8260	50	U				
XYLENES, TOTAL	ug/L	SW8260	150	U			150	U

Summary of Groundwater Investigation Analytical Results

		Location	OL-STA-10111		OL-STA-10111		OL-STA-10111		OL-STA-10111		OL-STA-10111	
		Sample Depth	0.0-1.0 Ft		1.0-2.0 Ft		2.0-3.0 Ft		3.0-4.0 Ft		4.0-5.0 Ft	
		Field Sample ID	OL-0257-01		OL-0257-02		OL-0257-03		OL-0257-04		OL-0257-05	
		Matrix	WATER		WATER		WATER		WATER		WATER	
		Sample Delivery Group	6K110157|C6K110157		6K110157|C6K110157		6K110157|C6K110157		6K110157|C6K110157		6K110157|C6K110157	
		Lab Sample ID	693625|C6K110157001		693626|C6K110157002		693627|C6K110157003		693628|C6K110157004		693629|C6K110157005	
		Sample Type	POREWATER		POREWATER		POREWATER		POREWATER		POREWATER	
Parameter Name	Units	Analytical Method										
CHLORIDE	mg/L	E300.0	43800		47400		47300		42000		39000	
NITROGEN, NITRATE (AS N)	mg/L	E300.0	25	U	25	U	25	U	25	U	25	U
PHOSPHORUS, TOTAL ORTHOPHOSPHATE (AS P)	mg/L	E300.0	250	U	250	U	250	U	250	U	250	U
SULFATE	mg/L	E300.0	105	J	746		1310		586		462	J
SALINITY	Ratio	IN620	59.1		61.4		61.6		57.9		57.3	
CALCIUM	mg/L	SW6010	844		903		1450		1720		2080	
IRON	mg/L	SW6010	5.13		5.31		74.3		6.89		6.25	
MAGNESIUM	mg/L	SW6010	53.3		35.7		45.9		26.7		22.4	J
MANGANESE	mg/L	SW6010	0.621		0.874		0.891		0.418		0.349	
POTASSIUM	mg/L	SW6010	727	J	760	J	811	J	751	J	693	J
SODIUM	mg/L	SW6010	22800		22300		22700		19800		18800	
SPECIFIC CONDUCTANCE	umhos/cm	SW9050	83900		86700		86900		82500		81700	

Summary of Groundwater Investigation Analytical Results

		Location	OL-STA-10111		OL-STA-10111		OL-STA-10111		OL-STA-10111		OL-STA-10111	
		Sample Depth	5.0-6.0 Ft		6.0-7.0 Ft		7.0-8.0 Ft		8.0-9.0 Ft		9.0-10.0 Ft	
		Field Sample ID	OL-0257-06		OL-0257-07		OL-0257-08		OL-0257-09		OL-0257-10	
		Matrix	WATER		WATER		WATER		WATER		WATER	
		Sample Delivery Group	6K110157|C6K110157		6K110157|C6K110157		6K110157|C6K110157		6K110157|C6K110157		6K110157|C6K110157	
		Lab Sample ID	693630|C6K110157006		693631|C6K110157007		693632|C6K110157008		693633|C6K110157009		693634|C6K110157010	
		Sample Type	POREWATER		POREWATER		POREWATER		POREWATER		POREWATER	
Parameter Name	Units	Analytical Method										
CHLORIDE	mg/L	E300.0	35100		33400		31300		31100		31000	
NITROGEN, NITRATE (AS N)	mg/L	E300.0	25	U	25	U	25	U	25	U	25	U
PHOSPHORUS, TOTAL ORTHOPHOSPHATE (AS P)	mg/L	E300.0	250	U	250	U	250	U	250	U	250	U
SULFATE	mg/L	E300.0	196	J	133	J	102	J	500	U	115	J
SALINITY	Ratio	IN620	53.2		51		49.3		50.1		49.4	
CALCIUM	mg/L	SW6010	2240		2080		2210		2040		2090	
IRON	mg/L	SW6010	8.45		6.59		11.2		5.31		9.67	
MAGNESIUM	mg/L	SW6010	37.3		27.6		32.4		18.8	J	39.3	
MANGANESE	mg/L	SW6010	0.679		0.434		0.587		0.315		0.525	
POTASSIUM	mg/L	SW6010	626	J	551	J	506	J	432	J	493	J
SODIUM	mg/L	SW6010	17500		16300		14600		16100		15100	
SPECIFIC CONDUCTANCE	umhos/cm	SW9050	76600		73900		71800		72700		71900	

Table 3D
Summary of Groundwater Investigation Analytical Results

		Location	OL-STA-20087		OL-STA-20087		OL-STA-20087		OL-STA-20087		OL-STA-20087	
		Sample Depth	0.0-1.0 Ft		1.0-2.0 Ft		2.0-3.0 Ft		3.0-4.0 Ft		4.0-5.0 Ft	
		Field Sample ID	OL-0257-11		OL-0257-12		OL-0257-13		OL-0257-14		OL-0257-15	
		Matrix	WATER		WATER		WATER		WATER		WATER	
		Sample Delivery Group	6K110157|C6K110157		6K110157|C6K110157		6K110157|C6K110157		6K110157|C6K110157		6K110157|C6K110157	
		Lab Sample ID	693635|C6K110157011		693636|C6K110157012		693637|C6K110157013		693638|C6K110157014		693639|C6K110157015	
		Sample Type	POREWATER		POREWATER		POREWATER		POREWATER		POREWATER	
Parameter Name	Units	Analytical Method										
CHLORIDE	mg/L	E300.0	7430		31800		26800		18300		35200	
NITROGEN, NITRATE (AS N)	mg/L	E300.0	25	U	25	U	25	U	25	U	25	U
PHOSPHORUS, TOTAL ORTHOPHOSPHATE (AS P)	mg/L	E300.0	250	U	250	U	250	U	250	U	250	U
SULFATE	mg/L	E300.0	951		2800		2580		2000		2900	
SALINITY	Ratio	IN620	15.8		46.8		42.1		31.8		51.2	
CALCIUM	mg/L	SW6010	855		1730		1800		1370		1720	
IRON	mg/L	SW6010	1.85		0.569		0.646		0.141	J	0.5	U
MAGNESIUM	mg/L	SW6010	112		257		241		192		281	
MANGANESE	mg/L	SW6010	0.72		0.128		0.176		0.175		0.103	
POTASSIUM	mg/L	SW6010	28.8	J	122	J	103	J	64.4	J	146	J
SODIUM	mg/L	SW6010	4600		15600		12700		10000		17500	
SPECIFIC CONDUCTANCE	umhos/cm	SW9050	25900		68600		62500		48700		74100	

Summary of Groundwater Investigation Analytical Results

		Location	OL-STA-20087		OL-STA-20087		OL-STA-20087		OL-STA-20087		OL-STA-20087	
		Sample Depth	5.0-6.0 Ft		6.0-7.0 Ft		7.0-8.0 Ft		8.0-9.0 Ft		9.0-10.0 Ft	
		Field Sample ID	OL-0257-16		OL-0257-17		OL-0257-18		OL-0257-19		OL-0257-20	
		Matrix	WATER		WATER		WATER		WATER		WATER	
		Sample Delivery Group	6K110157|C6K110157		6K110157|C6K110157		6K110157|C6K110157		6K110157|C6K110157		6K110157|C6K110157	
		Lab Sample ID	693640|C6K110157016		693641|C6K110157017		693642|C6K110157018		693643|C6K110157019		693644|C6K110157020	
		Sample Type	POREWATER		POREWATER		POREWATER		POREWATER		POREWATER	
Parameter Name	Units	Analytical Method										
CHLORIDE	mg/L	E300.0	37400		40600		41900		43000		45300	
NITROGEN, NITRATE (AS N)	mg/L	E300.0	25	U	25	U	25	U	25	U	25	U
PHOSPHORUS, TOTAL ORTHOPHOSPHATE (AS P)	mg/L	E300.0	250	U	250	U	250	U	250	U	250	U
SULFATE	mg/L	E300.0	2950		3010		3020		3050		3130	
SALINITY	Ratio	IN620	55.1		57.9		59.7		61.2		62.6	
CALCIUM	mg/L	SW6010	1650		1540		1630		1680		1640	
IRON	mg/L	SW6010	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
MAGNESIUM	mg/L	SW6010	292		283		301		301		295	
MANGANESE	mg/L	SW6010	0.114		0.124		0.162		0.197		0.256	
POTASSIUM	mg/L	SW6010	174	J	179	J	197	J	193	J	192	J
SODIUM	mg/L	SW6010	19900		18900		22000		20200		21000	
SPECIFIC CONDUCTANCE	umhos/cm	SW9050	79000		82400		84600		86400		88200	

Summary of Groundwater Investigation Analytical Results

		Location	OL-STA-40055		OL-STA-40055		OL-STA-40055		OL-STA-40055		OL-STA-40055	
		Sample Depth	0.0-1.0 Ft		1.0-2.0 Ft		2.0-3.0 Ft		3.0-4.0 Ft		4.0-5.0 Ft	
		Field Sample ID	OL-0258-01		OL-0258-02		OL-0258-03		OL-0258-04		OL-0258-05	
		Matrix	WATER		WATER		WATER		WATER		WATER	
		Sample Delivery Group	6K110159|C6K110159		6K110159|C6K110159		6K110159|C6K110159		6K110159|C6K110159		6K110159|C6K110159	
		Lab Sample ID	693773|C6K110159001		693774|C6K110159002		693775|C6K110159003		693776|C6K110159004		693777|C6K110159005	
		Sample Type	POREWATER		POREWATER		POREWATER		POREWATER		POREWATER	
Parameter Name	Units	Analytical Method										
SPECIFIC CONDUCTIVITY	umhos/cm	E120.1										
CHLORIDE	mg/L	E300.0	31700		50400		57100		60800		63300	
NITROGEN, NITRATE (AS N)	mg/L	E300.0	25	U	25	U	25	U	25	U	25	U
PHOSPHORUS, TOTAL ORTHOPHOSPHATE (AS P)	mg/L	E300.0	250	U	250	U	250	U	250	U	250	U
SULFATE	mg/L	E300.0	69.4	J	103	J	153	J	192	J	230	J
SALINITY	Ratio	IN620	47.3		67.4		73.7		79.7		81.4	
CALCIUM	mg/L	SW6010	4560		6120		6300		5920		5590	
IRON	mg/L	SW6010	1.35		0.183	J	0.115	J	0.5	U	0.5	U
MAGNESIUM	mg/L	SW6010	169		236		252		273		285	
MANGANESE	mg/L	SW6010	0.964		0.864		0.935		0.572		0.506	
POTASSIUM	mg/L	SW6010	133	J	267	J	313	J	343	J	353	J
SODIUM	mg/L	SW6010	11600		19100		21300		29400		24900	
SPECIFIC CONDUCTANCE	umhos/cm	SW9050	69200		93800		101200		108000		109900	

Summary of Groundwater Investigation Analytical Results

		Location	OL-STA-40055		OL-STA-40055		OL-STA-40055		OL-STA-40055		OL-STA-40055	
		Sample Depth	5.0-6.0 Ft		6.0-7.0 Ft		7.0-8.0 Ft		8.0-9.0 Ft		9.0-10.0 Ft	
		Field Sample ID	OL-0258-06		OL-0258-07		OL-0258-08		OL-0258-09		OL-0258-10	
		Matrix	WATER		WATER		WATER		WATER		WATER	
		Sample Delivery Group	6K110159|C6K110159		6K110159|C6K110159		6K110159|C6K110159		6K110159|C6K110159		C6K110159	
		Lab Sample ID	693778|C6K110159006		693779|C6K110159007		693780|C6K110159008		693781|C6K110159009		C6K110159010	
		Sample Type	POREWATER		POREWATER		POREWATER		POREWATER		POREWATER	
Parameter Name	Units	Analytical Method										
SPECIFIC CONDUCTIVITY	umhos/cm	E120.1									132	
CHLORIDE	mg/L	E300.0	62300		66500		66800		68700		65400	
NITROGEN, NITRATE (AS N)	mg/L	E300.0	25	U	25	U	25	U	25	U	25	U
PHOSPHORUS, TOTAL ORTHOPHOSPHATE (AS P)	mg/L	E300.0	250	U	250	U	250	U	250	U	250	U
SULFATE	mg/L	E300.0	215	J	217	J	206	J	173	J	149	J
SALINITY	Ratio	IN620	83		84.3		86		87			
CALCIUM	mg/L	SW6010	5210		5140		4920		5310		5640	
IRON	mg/L	SW6010	0.244	J	0.5	U	0.133	J	0.5	U	0.247	J
MAGNESIUM	mg/L	SW6010	296		290		278		282		247	
MANGANESE	mg/L	SW6010	0.487		0.425		0.339		0.321		0.302	
POTASSIUM	mg/L	SW6010	361	J	367	J	366	J	376	J	353	J
SODIUM	mg/L	SW6010	24400		27100		27100		27300		24700	
SPECIFIC CONDUCTANCE	umhos/cm	SW9050	111700		113200		115100		116200			

Table 3D
Summary of Groundwater Investigation Analytical Results

		Location	OL-STA-40056		OL-STA-40056		OL-STA-40056		OL-STA-40056		OL-STA-40056	
		Sample Depth	0.0-1.0 Ft		1.0-2.0 Ft		2.0-3.0 Ft		3.0-4.0 Ft		4.0-5.0 Ft	
		Field Sample ID	OL-0258-11		OL-0258-12		OL-0258-13		OL-0258-14		OL-0258-15	
		Matrix	WATER		WATER		WATER		WATER		WATER	
		Sample Delivery Group	6K110159|C6K110159		6K110159|C6K110159		6K110159|C6K110159		6K110159|C6K110159		6K110159|C6K110159	
		Lab Sample ID	693782|C6K110159011		693783|C6K110159012		693784|C6K110159013		693785|C6K110159014		693786|C6K110159015	
		Sample Type	POREWATER		POREWATER		POREWATER		POREWATER		POREWATER	
Parameter Name	Units	Analytical Method										
SPECIFIC CONDUCTIVITY	umhos/cm	E120.1										
CHLORIDE	mg/L	E300.0	5740		3810		5700		7160		8770	
NITROGEN, NITRATE (AS N)	mg/L	E300.0	2.5	U	25	U	25	U	25	U	25	U
PHOSPHORUS, TOTAL ORTHOPHOSPHATE (AS P)	mg/L	E300.0	25	U	250	U	250	U	250	U	250	U
SULFATE	mg/L	E300.0	79.1		500	U	57.9	J	60.2	J	500	U
SALINITY	Ratio	IN620	5.1		7.9		11.1		14.3		16.8	
CALCIUM	mg/L	SW6010	771		1040		1470		1770		1980	
IRON	mg/L	SW6010	14.2		16		7.28		11.1		6.68	
MAGNESIUM	mg/L	SW6010	116		164		166		108		49.1	
MANGANESE	mg/L	SW6010	1.93		2.18		1.9		1.58		0.73	
POTASSIUM	mg/L	SW6010	26.2	J	47.8	J	79.7	J	97.4	J	109	J
SODIUM	mg/L	SW6010	897		1490		2190		2790		3480	
SPECIFIC CONDUCTANCE	umhos/cm	SW9050	9150		13800		18800		23700		27400	

Summary of Groundwater Investigation Analytical Results

		Location	OL-STA-40056		OL-STA-40056		OL-STA-40056		OL-STA-40056		OL-STA-40056	
		Sample Depth	5.0-6.0 Ft		6.0-7.0 Ft		7.0-8.0 Ft		8.0-9.0 Ft		9.0-10.0 Ft	
		Field Sample ID	OL-0258-16		OL-0258-17		OL-0258-18		OL-0258-19		OL-0258-20	
		Matrix	WATER		WATER		WATER		WATER		WATER	
		Sample Delivery Group	6K110159|C6K110159		6K110159|C6K110159		6K110159|C6K110159		6K110159|C6K110159		C6K110159	
		Lab Sample ID	693787|C6K110159016		693788|C6K110159017		693789|C6K110159018		693790|C6K110159019		C6K110159020	
		Sample Type	POREWATER		POREWATER		POREWATER		POREWATER		POREWATER	
Parameter Name	Units	Analytical Method										
SPECIFIC CONDUCTIVITY	umhos/cm	E120.1									42.8	
CHLORIDE	mg/L	E300.0	10700		12100		13800		15500		15700	
NITROGEN, NITRATE (AS N)	mg/L	E300.0	25	U	25	U	25	U	25	U	25	U
PHOSPHORUS, TOTAL ORTHOPHOSPHATE (AS P)	mg/L	E300.0	250	U	250	U	250	U	250	U	250	U
SULFATE	mg/L	E300.0	500	U	63.8	J	105	J	162	J	191	J
SALINITY	Ratio	IN620	19.5		21.9		24		28.2			
CALCIUM	mg/L	SW6010	2580		2840		3640		4310		3320	
IRON	mg/L	SW6010	8.6		1.68		6.18		10.2		3.47	
MAGNESIUM	mg/L	SW6010	12.4	J	7.18	J	28.7		52.6		16.1	J
MANGANESE	mg/L	SW6010	0.241		0.0878		0.356		0.739		0.236	
POTASSIUM	mg/L	SW6010	127	J	121	J	128	J	136	J	96	J
SODIUM	mg/L	SW6010	3950		4420		4770		6050		5600	
SPECIFIC CONDUCTANCE	umhos/cm	SW9050	31400		34900		37800		43800			

Table 3D
Summary of Groundwater Investigation Analytical Results

		Location	OL-STA-40057		OL-STA-40057		OL-STA-40057		OL-STA-40057		OL-STA-40057	
		Sample Depth	0.0-1.0 Ft		1.0-2.0 Ft		2.0-3.0 Ft		3.0-4.0 Ft		4.0-5.0 Ft	
		Field Sample ID	OL-0259-01		OL-0259-02		OL-0259-03		OL-0259-04		OL-0259-05	
		Matrix	WATER		WATER		WATER		WATER		WATER	
		Sample Delivery Group	6K110164|C6K110164		6K110164|C6K110164		6K110164|C6K110164		6K110164|C6K110164		6K110164|C6K110164	
		Lab Sample ID	693955|C6K110164001		693956|C6K110164002		693957|C6K110164003		693958|C6K110164004		693959|C6K110164005	
		Sample Type	POREWATER		POREWATER		POREWATER		POREWATER		POREWATER	
Parameter Name	Units	Analytical Method										
SPECIFIC CONDUCTIVITY	umhos/cm	E120.1										
CHLORIDE	mg/L	E300.0	1610		1050		1920		2090		2220	
NITROGEN, NITRATE (AS N)	mg/L	E300.0	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
PHOSPHORUS, TOTAL ORTHOPHOSPHATE (AS P)	mg/L	E300.0	25	U	25	U	25	U	25	U	25	U
SULFATE	mg/L	E300.0	25.4	J	35.8	J	19.2	J	29.6	J	21.5	J
SALINITY	Ratio	IN620	3.9		2.9		4.4		4.8		5	
CALCIUM	mg/L	SW6010	227		228		172		208		330	
IRON	mg/L	SW6010	8.44		11.1		8.46		13.3		12	
MAGNESIUM	mg/L	SW6010	479		271		506		517		527	
MANGANESE	mg/L	SW6010	0.579		1.17		0.564		0.515		0.469	
POTASSIUM	mg/L	SW6010	17.8	J	11.7	J	19.3	J	22.6	J	25.4	
SODIUM	mg/L	SW6010	440		309		478		536		585	
SPECIFIC CONDUCTANCE	umhos/cm	SW9050	7190		5310		7950		8570		8920	

Table 3D
Summary of Groundwater Investigation Analytical Results

		Location	OL-STA-40057		OL-STA-40057		OL-STA-40057		OL-STA-40057	
		Sample Depth	5.0-6.0 Ft		6.0-7.0 Ft		7.0-8.0 Ft		8.0-9.0 Ft	
		Field Sample ID	OL-0259-06		OL-0259-07		OL-0259-08		OL-0259-09	
		Matrix	WATER		WATER		WATER		WATER	
		Sample Delivery Group	6K110164|C6K110164		6K110164|C6K110164		6K110164|C6K110164		6K110164|C6K110164	
		Lab Sample ID	693960|C6K110164006		693961|C6K110164007		693962|C6K110164008		693963|C6K110164009	
		Sample Type	POREWATER		POREWATER		POREWATER		POREWATER	
Parameter Name	Units	Analytical Method								
SPECIFIC CONDUCTIVITY	umhos/cm	E120.1								
CHLORIDE	mg/L	E300.0	2310		2440		2550		2520	
NITROGEN, NITRATE (AS N)	mg/L	E300.0	2.5	U	2.5	U	2.5	U	2.5	U
PHOSPHORUS, TOTAL ORTHOPHOSPHATE (AS P)	mg/L	E300.0	25	U	25	U	25	U	25	U
SULFATE	mg/L	E300.0	89.8		40.1	J	37.1	J	22.5	J
SALINITY	Ratio	IN620	5.1		5.4		5.5		5.7	
CALCIUM	mg/L	SW6010	257		284		300		306	
IRON	mg/L	SW6010	11.5		17.3		20.1		20.6	
MAGNESIUM	mg/L	SW6010	506		522		523		529	
MANGANESE	mg/L	SW6010	0.491		0.526		0.575		0.649	
POTASSIUM	mg/L	SW6010	24.1	J	25.9		26.8		27.7	
SODIUM	mg/L	SW6010	566		595		600		605	
SPECIFIC CONDUCTANCE	umhos/cm	SW9050	9160		9590		9820		10100	

Summary of Groundwater Investigation Analytical Results

		Location	OL-STA-60072		OL-STA-60072		OL-STA-60072		OL-STA-60072		OL-STA-60072	
		Sample Depth	0.0-1.0 Ft		1.0-2.0 Ft		2.0-3.0 Ft		3.0-4.0 Ft		4.0-5.0 Ft	
		Field Sample ID	OL-0252-11		OL-0252-12		OL-0252-13		OL-0252-14		OL-0252-15	
		Matrix	WATER		WATER		WATER		WATER		WATER	
		Sample Delivery Group	6K100210|C6K100210		6K100210|C6K100210		6K100210|C6K100210		6K100210|C6K100210		6K100210|C6K100210	
		Lab Sample ID	693457|C6K100210011		693458|C6K100210012		693459|C6K100210013		693460|C6K100210014		693461|C6K100210015	
		Sample Type	POREWATER		POREWATER		POREWATER		POREWATER		POREWATER	
Parameter Name	Units	Analytical Method										
CHLORIDE	mg/L	E300.0	2180		3840		11000		17700		21200	
NITROGEN, NITRATE (AS N)	mg/L	E300.0	2.5	U	12.5	U	12.5	U	12.5	U	25	U
PHOSPHORUS, TOTAL ORTHOPHOSPHATE (AS P)	mg/L	E300.0	25	U	125	U	125	U	125	U	250	U
SULFATE	mg/L	E300.0	125	J	250	UJ	250	UJ	250	UJ	500	UJ
SALINITY	Ratio	IN620	4.5		7.8		19		27.7		32.9	
CALCIUM	mg/L	SW6010	271		328		465		580		678	
IRON	mg/L	SW6010	6.72		2.03		0.152	J	0.5	U	0.132	J
MAGNESIUM	mg/L	SW6010	19.4	J	23	J	37.4		61.2		82.7	
MANGANESE	mg/L	SW6010	0.761		0.448		0.161		0.192		0.227	
POTASSIUM	mg/L	SW6010	25.5		35.1		48.5		57.3		62.3	
SODIUM	mg/L	SW6010	1240		2300		6250		9390		11700	
SPECIFIC CONDUCTANCE	umhos/cm	SW9050	8070		13500		30700		43000		50200	

Summary of Groundwater Investigation Analytical Results

		Location	OL-STA-60072		OL-STA-60072		OL-STA-60072		OL-STA-60072		OL-STA-60078	
		Sample Depth	5.0-6.0 Ft		6.0-7.0 Ft		7.0-8.0 Ft		8.0-8.5 Ft		0.0-1.0 Ft	
		Field Sample ID	OL-0252-16		OL-0252-17		OL-0252-18		OL-0252-19		OL-0252-20	
		Matrix	WATER		WATER		WATER		WATER		WATER	
		Sample Delivery Group	6K100210|C6K100210		6K100210|C6K100210		6K100210|C6K100210		6K100210|C6K100210		6K100210|C6K100210	
		Lab Sample ID	693462|C6K100210016		693463|C6K100210017		693464|C6K100210018		693465|C6K100210019		693466|C6K100210020	
		Sample Type	POREWATER		POREWATER		POREWATER		POREWATER		POREWATER	
Parameter Name	Units	Analytical Method										
CHLORIDE	mg/L	E300.0	26700		31100		36900		39900		4390	
NITROGEN, NITRATE (AS N)	mg/L	E300.0	25	U	25	U	25	U	25	U	12.5	U
PHOSPHORUS, TOTAL ORTHOPHOSPHATE (AS P)	mg/L	E300.0	250	U	250	U	250	U	250	U	125	U
SULFATE	mg/L	E300.0	500	UJ	500	UJ	53.9	J	500	UJ	162	J
SALINITY	Ratio	IN620	38.5		43.4		50.5		52.9		9.5	
CALCIUM	mg/L	SW6010	801		942		1010		1040		556	
IRON	mg/L	SW6010	0.162	J	0.327	J	0.114	J	0.5	U	4.73	
MAGNESIUM	mg/L	SW6010	115		159		199		230		113	
MANGANESE	mg/L	SW6010	0.247		0.276		0.264		0.234		1.83	
POTASSIUM	mg/L	SW6010	68.2		72.4		75.8		76.2		35.3	
SODIUM	mg/L	SW6010	14900		17800		18800		21300		2220	
SPECIFIC CONDUCTANCE	umhos/cm	SW9050	57800		64200		73200		76300		16200	

Summary of Groundwater Investigation Analytical Results

		Location	OL-STA-60078		OL-STA-60078		OL-STA-60078		OL-STA-60078		OL-STA-60078	
		Sample Depth	1.0-2.0 Ft		2.0-3.0 Ft		3.0-4.0 Ft		4.0-5.0 Ft		5.0-6.0 Ft	
		Field Sample ID	OL-0253-01		OL-0253-02		OL-0253-03		OL-0253-04		OL-0253-05	
		Matrix	WATER		WATER		WATER		WATER		WATER	
		Sample Delivery Group	6K100206|C6K100206		6K100206|C6K100206		6K100206|C6K100206		6K100206|C6K100206		6K100206|C6K100206	
		Lab Sample ID	693607|C6K100206001		693608|C6K100206002		693609|C6K100206003		693610|C6K100206004		693611|C6K100206005	
		Sample Type	POREWATER		POREWATER		POREWATER		POREWATER		POREWATER	
Parameter Name	Units	Analytical Method										
CHLORIDE	mg/L	E300.0	12800		14600		15700		17100		19000	
NITROGEN, NITRATE (AS N)	mg/L	E300.0	25	U	25	U	25	U	25	U	25	U
PHOSPHORUS, TOTAL ORTHOPHOSPHATE (AS P)	mg/L	E300.0	250	U	250	U	250	U	250	U	250	U
SULFATE	mg/L	E300.0	158	J	179	J	208	J	206	J	250	J
SALINITY	Ratio	IN620	22.8		24.5		26.1		28.4		30.3	
CALCIUM	mg/L	SW6010	1170		1290		1340		1450		1670	
IRON	mg/L	SW6010	0.241	J	0.5	U	0.5	U	0.5	U	0.5	U
MAGNESIUM	mg/L	SW6010	267		297		312		339		398	
MANGANESE	mg/L	SW6010	0.265		0.161		0.139		0.141		0.165	
POTASSIUM	mg/L	SW6010	146	J	174	J	183	J	194	J	225	J
SODIUM	mg/L	SW6010	6510		7310		7790		7840		8900	
SPECIFIC CONDUCTANCE	umhos/cm	SW9050	36100		38600		40800		44100		46700	

Summary of Groundwater Investigation Analytical Results

		Location	OL-STA-60078		OL-STA-60078		OL-STA-60078		OL-STA-60081		OL-STA-60081	
		Sample Depth	6.0-7.0 Ft		7.0-8.0 Ft		8.0-8.5 Ft		0.0-1.0 Ft		1.0-2.0 Ft	
		Field Sample ID	OL-0253-06		OL-0253-07		OL-0253-08		OL-0253-09		OL-0253-10	
		Matrix	WATER		WATER		WATER		WATER		WATER	
		Sample Delivery Group	6K100206|C6K100206		6K100206|C6K100206		6K100206|C6K100206		6K100206|C6K100206		6K100206|C6K100206	
		Lab Sample ID	693612|C6K100206006		693613|C6K100206007		693614|C6K100206008		693615|C6K100206009		693616|C6K100206010	
		Sample Type	POREWATER		POREWATER		POREWATER		POREWATER		POREWATER	
Parameter Name	Units	Analytical Method										
CHLORIDE	mg/L	E300.0	22000		25600		28000		3270		3010	
NITROGEN, NITRATE (AS N)	mg/L	E300.0	25	U	25	U	25	U	2.5	U	25	U
PHOSPHORUS, TOTAL ORTHOPHOSPHATE (AS P)	mg/L	E300.0	250	U	250	U	250	U	25	U	250	U
SULFATE	mg/L	E300.0	357	J	398	J	529		395		75.9	J
SALINITY	Ratio	IN620	33.6		38.7		39.4		3.5		7.1	
CALCIUM	mg/L	SW6010	2030		2340		2390		370		623	
IRON	mg/L	SW6010	0.244	J	0.5	U	0.5	U	11.1		15.2	
MAGNESIUM	mg/L	SW6010	488		582		607		56		81.7	
MANGANESE	mg/L	SW6010	0.232		0.315		0.412		1.74		1.48	
POTASSIUM	mg/L	SW6010	267	J	312	J	313	J	13.3	J	26.4	J
SODIUM	mg/L	SW6010	9960		11100		10900		705		1480	
SPECIFIC CONDUCTANCE	umhos/cm	SW9050	51200		58000		59000		6490		12400	

Summary of Groundwater Investigation Analytical Results

		Location	OL-STA-60081		OL-STA-60081		OL-STA-60081		OL-STA-60081		OL-STA-60081	
		Sample Depth	2.0-3.0 Ft		3.0-4.0 Ft		4.0-5.0 Ft		5.0-6.0 Ft		6.0-7.0 Ft	
		Field Sample ID	OL-0253-11		OL-0253-12		OL-0253-13		OL-0253-14		OL-0253-15	
		Matrix	WATER		WATER		WATER		WATER		WATER	
		Sample Delivery Group	6K100206|C6K100206		6K100206|C6K100206		6K100206|C6K100206		6K100206|C6K100206		6K100206|C6K100206	
		Lab Sample ID	693617|C6K100206011		693618|C6K100206012		693619|C6K100206013		693620|C6K100206014		693621|C6K100206015	
		Sample Type	POREWATER		POREWATER		POREWATER		POREWATER		POREWATER	
Parameter Name	Units	Analytical Method										
CHLORIDE	mg/L	E300.0	4650		10000		15300		22600		37400	
NITROGEN, NITRATE (AS N)	mg/L	E300.0	25	U	25	U	25	U	25	U	25	U
PHOSPHORUS, TOTAL ORTHOPHOSPHATE (AS P)	mg/L	E300.0	250	U	250	U	250	U	250	U	250	U
SULFATE	mg/L	E300.0	87.4	J	86.2	J	500	U	500	U	207	J
SALINITY	Ratio	IN620	10.4		19		26.1		34.2		49.7	
CALCIUM	mg/L	SW6010	911		1300		1760		2200		3370	
IRON	mg/L	SW6010	58.6		48		46.1		72.5		0.115	J
MAGNESIUM	mg/L	SW6010	114		200		328		488		837	
MANGANESE	mg/L	SW6010	2.47		2.97		3.94		3.51		0.296	
POTASSIUM	mg/L	SW6010	44.9	J	94.7	J	155	J	227	J	377	J
SODIUM	mg/L	SW6010	2380		4740		7510		9450		15500	
SPECIFIC CONDUCTANCE	umhos/cm	SW9050	17700		30700		40800		52000		72300	

Summary of Groundwater Investigation Analytical Results

		Location	OL-STA-60081		OL-STA-60081		OL-STA-60081		OL-STA-60087		OL-STA-60087	
		Sample Depth	7.0-8.0 Ft		8.0-9.0 Ft		9.0-9.5 Ft		0.0-1.0 Ft		1.0-2.0 Ft	
		Field Sample ID	OL-0253-16		OL-0253-17		OL-0253-18		OL-0252-01		OL-0252-02	
		Matrix	WATER		WATER		WATER		WATER		WATER	
		Sample Delivery Group	6K100206|C6K100206		6K100206|C6K100206		6K100206|C6K100206		6K100210|C6K100210		6K100210|C6K100210	
		Lab Sample ID	693622|C6K100206016		693623|C6K100206017		693624|C6K100206018		693447|C6K100210001		693448|C6K100210002	
		Sample Type	POREWATER		POREWATER		POREWATER		POREWATER		POREWATER	
Parameter Name	Units	Analytical Method										
CHLORIDE	mg/L	E300.0	29700		42800		44400		3020		6220	
NITROGEN, NITRATE (AS N)	mg/L	E300.0	25	U	25	U	25	U	1.7	J	12.5	U
PHOSPHORUS, TOTAL ORTHOPHOSPHATE (AS P)	mg/L	E300.0	250	U	250	U	250	U	25	U	125	U
SULFATE	mg/L	E300.0	500	U	473	J	500		320	J	124	J
SALINITY	Ratio	IN620	42.3		56.4		57.5		5.8		11.6	
CALCIUM	mg/L	SW6010	2530		3810		1920		352		433	
IRON	mg/L	SW6010	14.1		0.248	J	0.12	J	0.5	U	0.5	U
MAGNESIUM	mg/L	SW6010	629		997		524		55.1		92.2	
MANGANESE	mg/L	SW6010	1.36		0.407		0.224		0.226		0.251	
POTASSIUM	mg/L	SW6010	276	J	449	J	204	J	10.8	J	11	J
SODIUM	mg/L	SW6010	11700		17300		8910		1550		3530	
SPECIFIC CONDUCTANCE	umhos/cm	SW9050	62800		80600		82000		10400		19600	

Summary of Groundwater Investigation Analytical Results

		Location	OL-STA-60087		OL-STA-60087		OL-STA-60087		OL-STA-60087		OL-STA-60087	
		Sample Depth	2.0-3.0 Ft		3.0-4.0 Ft		4.0-5.0 Ft		5.0-6.0 Ft		6.0-7.0 Ft	
		Field Sample ID	OL-0252-03		OL-0252-04		OL-0252-05		OL-0252-06		OL-0252-07	
		Matrix	WATER		WATER		WATER		WATER		WATER	
		Sample Delivery Group	6K100210|C6K100210		6K100210|C6K100210		6K100210|C6K100210		6K100210|C6K100210		6K100210|C6K100210	
		Lab Sample ID	693449|C6K100210003		693450|C6K100210004		693451|C6K100210005		693452|C6K100210006		693453|C6K100210007	
		Sample Type	POREWATER		POREWATER		POREWATER		POREWATER		POREWATER	
Parameter Name	Units	Analytical Method										
CHLORIDE	mg/L	E300.0	9460		11500		13300		15000		16700	
NITROGEN, NITRATE (AS N)	mg/L	E300.0	12.5	U	12.5	U	12.5	U	12.5	U	12.5	U
PHOSPHORUS, TOTAL ORTHOPHOSPHATE (AS P)	mg/L	E300.0	125	U	125	U	125	U	125	U	125	U
SULFATE	mg/L	E300.0	41.3	J	250	UJ	250	UJ	250	UJ	250	UJ
SALINITY	Ratio	IN620	16.9		19.5		22.1		24.2		26.7	
CALCIUM	mg/L	SW6010	587		641		685		719		733	
IRON	mg/L	SW6010	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
MAGNESIUM	mg/L	SW6010	128		145		163		178		194	
MANGANESE	mg/L	SW6010	0.341		0.33		0.374		0.469		0.475	
POTASSIUM	mg/L	SW6010	12	J	12.8	J	13.9	J	14.8	J	15.8	J
SODIUM	mg/L	SW6010	5210		6160		6970		8050		8630	
SPECIFIC CONDUCTANCE	umhos/cm	SW9050	27600		31300		35100		38100		41700	

Summary of Groundwater Investigation Analytical Results

		Location	OL-STA-60087		OL-STA-60087		OL-STA-60087		OL-STA-60090		OL-STA-60090	
		Sample Depth	7.0-8.0 Ft		8.0-9.0 Ft		9.0-9.5 Ft		0.0-1.0 Ft		1.0-2.0 Ft	
		Field Sample ID	OL-0252-08		OL-0252-09		OL-0252-10		OL-0255-03		OL-0255-01	
		Matrix	WATER		WATER		WATER		WATER		WATER	
		Sample Delivery Group	6K100210|C6K100210		6K100210|C6K100210		6K100210|C6K100210		6K110154|C6K110154		6K110154|C6K110154	
		Lab Sample ID	693454|C6K100210008		693455|C6K100210009		693456|C6K100210010		693939|C6K110154003		693937|C6K110154001	
		Sample Type	POREWATER		POREWATER		POREWATER		POREWATER		POREWATER	
Parameter Name	Units	Analytical Method										
CHLORIDE	mg/L	E300.0	18300		20000		20500		529		1000	
NITROGEN, NITRATE (AS N)	mg/L	E300.0	12.5	U	12.5	U	25	U	1.2	U	2.5	U
PHOSPHORUS, TOTAL ORTHOPHOSPHATE (AS P)	mg/L	E300.0	125	U	125	U	250	U	12.5	U	25	U
SULFATE	mg/L	E300.0	250	UJ	250	UJ	500	UJ	36.7		26	J
SALINITY	Ratio	IN620	28.8		30.9		32.2		2	U	3.2	
CALCIUM	mg/L	SW6010	764		791		793		266		482	
IRON	mg/L	SW6010	0.5	U	0.5	U	0.5	U	11.9		18.7	
MAGNESIUM	mg/L	SW6010	214		230		241		41.1		70.9	
MANGANESE	mg/L	SW6010	0.518		0.479		0.408		1.06		1.31	
POTASSIUM	mg/L	SW6010	16.9	J	17.8	J	19.1	J	8.9	J	16.8	J
SODIUM	mg/L	SW6010	9530		10400		11100		254		409	
SPECIFIC CONDUCTANCE	umhos/cm	SW9050	44600		47500		49200		3250		5820	

Summary of Groundwater Investigation Analytical Results

		Location	OL-STA-60090		OL-STA-60090		OL-STA-60090		OL-STA-60090		OL-STA-60090	
		Sample Depth	2.0-3.0 Ft		3.0-4.0 Ft		4.0-5.0 Ft		5.0-6.0 Ft		6.0-7.0 Ft	
		Field Sample ID	OL-0255-02		OL-0255-04		OL-0255-05		OL-0255-06		OL-0255-07	
		Matrix	WATER		WATER		WATER		WATER		WATER	
		Sample Delivery Group	6K110154|C6K110154		6K110154|C6K110154		6K110154|C6K110154		6K110154|C6K110154		6K110154|C6K110154	
		Lab Sample ID	693938|C6K110154002		693940|C6K110154004		693941|C6K110154005		693942|C6K110154006		693943|C6K110154007	
		Sample Type	POREWATER		POREWATER		POREWATER		POREWATER		POREWATER	
Parameter Name	Units	Analytical Method										
CHLORIDE	mg/L	E300.0	1330		1670		2110		2310		2640	
NITROGEN, NITRATE (AS N)	mg/L	E300.0	2.5	U	2.5	U	2.5	U	5	U	5	U
PHOSPHORUS, TOTAL ORTHOPHOSPHATE (AS P)	mg/L	E300.0	25	U	25	U	25	U	50	U	50	U
SULFATE	mg/L	E300.0	11.1	J	5.6	J	10.9	J	100	U	100	U
SALINITY	Ratio	IN620	4		4.7		5.6		6.4		7.2	
CALCIUM	mg/L	SW6010	594		714		718		853		806	
IRON	mg/L	SW6010	14.7		33		29.9		34.5		39.1	
MAGNESIUM	mg/L	SW6010	93.9		109		129		153		176	
MANGANESE	mg/L	SW6010	1.32		1.65		1.52		1.5		1.44	
POTASSIUM	mg/L	SW6010	22.2	J	27.1		31.5		33.2		35.7	
SODIUM	mg/L	SW6010	523		598		746		879		1060	
SPECIFIC CONDUCTANCE	umhos/cm	SW9050	7240		8450		9880		11300		12500	

Summary of Groundwater Investigation Analytical Results

		Location	OL-STA-60090		OL-STA-60090		OL-STA-60096		OL-STA-60096		OL-STA-60096	
		Sample Depth	7.0-8.0 Ft		8.0-8.5 Ft		0.0-1.0 Ft		1.0-2.0 Ft		2.0-3.0 Ft	
		Field Sample ID	OL-0255-08		OL-0255-09		OL-0254-01		OL-0254-02		OL-0254-03	
		Matrix	WATER		WATER		WATER		WATER		WATER	
		Sample Delivery Group	6K110154|C6K110154		6K110154|C6K110154		6K100230|C6K100230		6K100230|C6K100230		6K100230|C6K100230	
		Lab Sample ID	693944|C6K110154008		693945|C6K110154009		691567|C6K100230001		691568|C6K100230002		691569|C6K100230003	
		Sample Type	POREWATER		POREWATER		POREWATER		POREWATER		POREWATER	
Parameter Name	Units	Analytical Method										
CHLORIDE	mg/L	E300.0	3190		3600		856		1870		1470	
NITROGEN, NITRATE (AS N)	mg/L	E300.0	5	U	5	U	25	U	25	U	25	U
PHOSPHORUS, TOTAL ORTHOPHOSPHATE (AS P)	mg/L	E300.0	50	U	50	U	250	U	250	U	250	U
SULFATE	mg/L	E300.0	100	U	31.9	J	81.1	J	500	U	105	J
SALINITY	Ratio	IN620	7.7		7.6		2.2		5.7		7.5	
CALCIUM	mg/L	SW6010	718		340		257		657		790	
IRON	mg/L	SW6010	35.8		11.8		7.7		27.8		50.4	
MAGNESIUM	mg/L	SW6010	188		133		34.4		74.6		101	
MANGANESE	mg/L	SW6010	0.788		0.226		0.915		1.41		1.51	
POTASSIUM	mg/L	SW6010	37.8		34.9		9.26	J	23	J	29.2	
SODIUM	mg/L	SW6010	1260		1300		327		834		1150	
SPECIFIC CONDUCTANCE	umhos/cm	SW9050	13400		13300		4080		10100		13100	

Summary of Groundwater Investigation Analytical Results

		Location	OL-STA-60096		OL-STA-60096		OL-STA-60096		OL-STA-60096		OL-STA-60096	
		Sample Depth	3.0-4.0 Ft		4.0-5.0 Ft		5.0-6.0 Ft		6.0-7.0 Ft		7.0-8.0 Ft	
		Field Sample ID	OL-0254-04		OL-0254-05		OL-0254-06		OL-0254-07		OL-0254-08	
		Matrix	WATER		WATER		WATER		WATER		WATER	
		Sample Delivery Group	6K100230|C6K100230		6K100230|C6K100230		6K100230|C6K100230		6K100230|C6K100230		6K100230|C6K100230	
		Lab Sample ID	691570|C6K100230004		691571|C6K100230005		691572|C6K100230006		691573|C6K100230007		691574|C6K100230008	
		Sample Type	POREWATER		POREWATER		POREWATER		POREWATER		POREWATER	
Parameter Name	Units	Analytical Method										
CHLORIDE	mg/L	E300.0	3550		4320		33300		8670		8520	
NITROGEN, NITRATE (AS N)	mg/L	E300.0	25	U	25	U	25	U	25	U	25	U
PHOSPHORUS, TOTAL ORTHOPHOSPHATE (AS P)	mg/L	E300.0	250	U	250	U	250	U	250	U	250	U
SULFATE	mg/L	E300.0	500	U	500	U	317	J	500	U	500	U
SALINITY	Ratio	IN620	9.5		11.7		12.8		14.4		16.8	
CALCIUM	mg/L	SW6010	890		1060		1180		1280		1650	
IRON	mg/L	SW6010	46.6		39.2		41.5		54.5		101	
MAGNESIUM	mg/L	SW6010	132		176		208		235		295	
MANGANESE	mg/L	SW6010	1.43		1.44		2.54		3.83		6.35	
POTASSIUM	mg/L	SW6010	32.7		38.1		40.7		45.4		55.8	
SODIUM	mg/L	SW6010	1520		2040		2690		3100		3910	
SPECIFIC CONDUCTANCE	umhos/cm	SW9050	16200		19600		21300		23800		27400	

Summary of Groundwater Investigation Analytical Results

		Location	OL-STA-70040		OL-STA-70040		OL-STA-70040		OL-STA-70040		OL-STA-70040	
		Sample Depth	0.0-1.0 Ft		1.0-2.0 Ft		2.0-3.0 Ft		3.0-4.0 Ft		4.0-5.0 Ft	
		Field Sample ID	OL-0251-10		OL-0251-11		OL-0251-12		OL-0251-13		OL-0251-14	
		Matrix	WATER		WATER		WATER		WATER		WATER	
		Sample Delivery Group	6K100228|C6K100228		6K100228|C6K100228		6K100228|C6K100228		6K100228|C6K100228		6K100228|C6K100228	
		Lab Sample ID	693017|C6K100228010		693018|C6K100228011		693019|C6K100228012		693020|C6K100228013		693021|C6K100228014	
		Sample Type	POREWATER		POREWATER		POREWATER		POREWATER		POREWATER	
Parameter Name	Units	Analytical Method										
CHLORIDE	mg/L	E300.0	13100		37200		40400		43600		46100	
NITROGEN, NITRATE (AS N)	mg/L	E300.0	25	U	25	U	25	U	25	U	25	U
PHOSPHORUS, TOTAL ORTHOPHOSPHATE (AS P)	mg/L	E300.0	250	U	250	U	250	U	250	U	250	U
SULFATE	mg/L	E300.0	111	J	75.4	J	500	U	500	U	500	U
SALINITY	Ratio	IN620	21.5		45.5		49		51.5		53.6	
CALCIUM	mg/L	SW6010	1590		2750		2900		2790		2280	
IRON	mg/L	SW6010	5.02		7.33		3.36		11.4		0.5	U
MAGNESIUM	mg/L	SW6010	83.3		153		214		239		293	
MANGANESE	mg/L	SW6010	0.987		1.09		0.868		1.26		0.678	
POTASSIUM	mg/L	SW6010	56.4		129		96.6		115		87.7	
SODIUM	mg/L	SW6010	6900		17000		20300		21300		25500	
SPECIFIC CONDUCTANCE	umhos/cm	SW9050	34200		66900		71400		74500		77100	

Summary of Groundwater Investigation Analytical Results

		Location	OL-STA-70040		OL-STA-70040		OL-STA-70040		OL-STA-70042		OL-STA-70042	
		Sample Depth	5.0-6.0 Ft		6.0-7.0 Ft		7.0-7.5 Ft		0.0-1.0 Ft		1.0-2.0 Ft	
		Field Sample ID	OL-0251-15		OL-0251-16		OL-0251-17		OL-0251-01		OL-0251-02	
		Matrix	WATER		WATER		WATER		WATER		WATER	
		Sample Delivery Group	6K100228|C6K100228		6K100228|C6K100228		6K100228|C6K100228		6K100228|C6K100228		6K100228|C6K100228	
		Lab Sample ID	693022|C6K100228015		693023|C6K100228016		693024|C6K100228017		693008|C6K100228001		693009|C6K100228002	
		Sample Type	POREWATER		POREWATER		POREWATER		POREWATER		POREWATER	
Parameter Name	Units	Analytical Method										
CHLORIDE	mg/L	E300.0	47300		48400		49700		495		756	
NITROGEN, NITRATE (AS N)	mg/L	E300.0	25	U	25	U	25	U	1.2	U	2.5	U
PHOSPHORUS, TOTAL ORTHOPHOSPHATE (AS P)	mg/L	E300.0	250	U	250	U	250	U	12.5	U	25	U
SULFATE	mg/L	E300.0	500	U	500	U	500	U	64.2		27.3	J
SALINITY	Ratio	IN620	55.2		56.2		57.1		2	U	2.9	
CALCIUM	mg/L	SW6010	1900		1460		1260		238		351	
IRON	mg/L	SW6010	1	U	1	U	1	U	11		9.88	
MAGNESIUM	mg/L	SW6010	332		355		353		63.9		114	
MANGANESE	mg/L	SW6010	0.562		0.351		0.279		1.35		1.15	
POTASSIUM	mg/L	SW6010	77.4		68.1		60		10		15.3	
SODIUM	mg/L	SW6010	26400		27400		26900		273		403	
SPECIFIC CONDUCTANCE	umhos/cm	SW9050	79100		80400		81500		3400		5300	

Summary of Groundwater Investigation Analytical Results

		Location	OL-STA-70042		OL-STA-70042		OL-STA-70042		OL-STA-70042		OL-STA-70042	
		Sample Depth	2.0-3.0 Ft		3.0-4.0 Ft		4.0-5.0 Ft		5.0-6.0 Ft		6.0-7.0 Ft	
		Field Sample ID	OL-0251-03		OL-0251-04		OL-0251-05		OL-0251-06		OL-0251-07	
		Matrix	WATER		WATER		WATER		WATER		WATER	
		Sample Delivery Group	6K100228|C6K100228		6K100228|C6K100228		6K100228|C6K100228		6K100228|C6K100228		6K100228|C6K100228	
		Lab Sample ID	693010|C6K100228003		693011|C6K100228004		693012|C6K100228005		693013|C6K100228006		693014|C6K100228007	
		Sample Type	POREWATER		POREWATER		POREWATER		POREWATER		POREWATER	
Parameter Name	Units	Analytical Method										
CHLORIDE	mg/L	E300.0	1220		1680		2000		2440		2880	
NITROGEN, NITRATE (AS N)	mg/L	E300.0	2.5	U	2.5	U	5	U	5	U	5	U
PHOSPHORUS, TOTAL ORTHOPHOSPHATE (AS P)	mg/L	E300.0	25	U	25	U	50	U	50	U	50	U
SULFATE	mg/L	E300.0	50	U	50	U	100	U	100	U	100	U
SALINITY	Ratio	IN620	4		5.2		6		6.5		7.4	
CALCIUM	mg/L	SW6010	455		510		500		566		621	
IRON	mg/L	SW6010	12.4		13.2		11.6		16		13.7	
MAGNESIUM	mg/L	SW6010	187		292		380		428		436	
MANGANESE	mg/L	SW6010	1.05		1.13		1.03		1.26		1.26	
POTASSIUM	mg/L	SW6010	22.7		29.4		34.3		38.4		40.2	
SODIUM	mg/L	SW6010	576		709		855		1030		1210	
SPECIFIC CONDUCTANCE	umhos/cm	SW9050	7310		9220		10600		11400		12900	

Summary of Groundwater Investigation Analytical Results

		Location	OL-STA-70042		OL-STA-70042		OL-STA-70043		OL-STA-70043		OL-STA-70043	
		Sample Depth	7.0-8.0 Ft		8.0-9.0 Ft		0.0-1.0 Ft		1.0-2.0 Ft		2.0-3.0 Ft	
		Field Sample ID	OL-0251-08		OL-0251-09		OL-0255-10		OL-0255-11		OL-0255-12	
		Matrix	WATER		WATER		WATER		WATER		WATER	
		Sample Delivery Group	6K100228|C6K100228		6K100228|C6K100228		6K110154|C6K110154		6K110154|C6K110154		6K110154|C6K110154	
		Lab Sample ID	693015|C6K100228008		693016|C6K100228009		693946|C6K110154010		693947|C6K110154011		693948|C6K110154012	
		Sample Type	POREWATER		POREWATER		POREWATER		POREWATER		POREWATER	
Parameter Name	Units	Analytical Method										
CHLORIDE	mg/L	E300.0	3430		3890		2290		894		1410	
NITROGEN, NITRATE (AS N)	mg/L	E300.0	5	U	1.7	J	5	U	2.5	U	2.5	U
PHOSPHORUS, TOTAL ORTHOPHOSPHATE (AS P)	mg/L	E300.0	50	U	50	U	50	U	5.4	J	7.3	J
SULFATE	mg/L	E300.0	100	U	100	U	385		165		58	
SALINITY	Ratio	IN620	8.1		8.4		2.2		3.6		5.2	
CALCIUM	mg/L	SW6010	663		573		275		386		374	
IRON	mg/L	SW6010	18.3		24.5		8.06		6.99		5.91	
MAGNESIUM	mg/L	SW6010	430		381		84.8		185		367	
MANGANESE	mg/L	SW6010	1.57		1.38		0.995		0.938		0.748	
POTASSIUM	mg/L	SW6010	41.5		38.6		9.57	J	14.2	J	20.6	J
SODIUM	mg/L	SW6010	1450		1530		290		452		657	
SPECIFIC CONDUCTANCE	umhos/cm	SW9050	14000		14500		4180		6550		9340	

Summary of Groundwater Investigation Analytical Results

		Location	OL-STA-70043		OL-STA-70043		OL-STA-70043		OL-STA-70043		OL-STA-70043	
		Sample Depth	3.0-4.0 Ft		4.0-5.0 Ft		5.0-6.0 Ft		6.0-7.0 Ft		7.0-8.0 Ft	
		Field Sample ID	OL-0255-13		OL-0255-14		OL-0255-15		OL-0255-16		OL-0255-17	
		Matrix	WATER		WATER		WATER		WATER		WATER	
		Sample Delivery Group	6K110154|C6K110154		6K110154|C6K110154		6K110154|C6K110154		6K110154|C6K110154		6K110154|C6K110154	
		Lab Sample ID	693949|C6K110154013		693950|C6K110154014		693951|C6K110154015		693952|C6K110154016		693953|C6K110154017	
		Sample Type	POREWATER		POREWATER		POREWATER		POREWATER		POREWATER	
Parameter Name	Units	Analytical Method										
CHLORIDE	mg/L	E300.0	2290		2010		2780		2960		3390	
NITROGEN, NITRATE (AS N)	mg/L	E300.0	5	U	5	U	5	U	5	U	5	U
PHOSPHORUS, TOTAL ORTHOPHOSPHATE (AS P)	mg/L	E300.0	50	U	50	U	50	U	50	U	50	U
SULFATE	mg/L	E300.0	100	U	100	U	13.8	J	33.6	J	100	U
SALINITY	Ratio	IN620	7.3		6.8		7.8		7.8		8.3	
CALCIUM	mg/L	SW6010	267		347		391		438		596	
IRON	mg/L	SW6010	7.05		11.5		8.02		9.84		12	
MAGNESIUM	mg/L	SW6010	727		653		778		629		496	
MANGANESE	mg/L	SW6010	0.513		0.796		0.589		0.863		0.865	
POTASSIUM	mg/L	SW6010	29.3		27.4		33		33.3		33.4	
SODIUM	mg/L	SW6010	914		854		1060		1110		1250	
SPECIFIC CONDUCTANCE	umhos/cm	SW9050	12700		11900		13500		13600		14300	

Table 3D
Summary of Groundwater Investigation Analytical Results

		Location	OL-STA-70043	
		Sample Depth	8.0-9.0 Ft	
		Field Sample ID	OL-0255-18	
		Matrix	WATER	
		Sample Delivery Group	6K110154|C6K110154	
		Lab Sample ID	693954|C6K110154018	
		Sample Type	POREWATER	
Parameter Name	Units	Analytical Method		
CHLORIDE	mg/L	E300.0	3790	
NITROGEN, NITRATE (AS N)	mg/L	E300.0	5	U
PHOSPHORUS, TOTAL ORTHOPHOSPHATE (AS P)	mg/L	E300.0	50	U
SULFATE	mg/L	E300.0	17	J
SALINITY	Ratio	IN620	8.7	
CALCIUM	mg/L	SW6010	616	
IRON	mg/L	SW6010	20.7	
MAGNESIUM	mg/L	SW6010	424	
MANGANESE	mg/L	SW6010	1.08	
POTASSIUM	mg/L	SW6010	34.8	
SODIUM	mg/L	SW6010	1440	
SPECIFIC CONDUCTANCE	umhos/cm	SW9050	15000	

Table 3D
Summary of Groundwater Investigation Analytical Results

		Location	OL-STA-10111		OL-STA-20087		OL-STA-40055		OL-STA-40056		OL-STA-40057	
		Sample Depth	0-0 Ft		0-0 Ft		0-0 Ft		0-0 Ft		0-0 Ft	
		Field Sample ID	OL-0270-01		OL-0270-02		OL-0269-10		OL-0269-09		OL-0269-11	
		Matrix	WATER		WATER		WATER		WATER		WATER	
		Sample Delivery Group	6L060118|C6L060118		6L060118|C6L060118		6L010287|C6L010287		6L010287|C6L010287		6L010287|C6L010287	
		Lab Sample ID	693770|C6L060118001		693771|C6L060118002		693476|C6L010287010		693475|C6L010287009		693477|C6L010287011	
		Sample Type	Surface Water		Surface Water		Surface Water		Surface Water		Surface Water	
Parameter Name	Units	Analytical Method										
CHLORIDE	mg/L	E300.0	343		339		353		340		362	
NITROGEN, NITRATE (AS N)	mg/L	E300.0	1.5		1.6		1.2		1.3		1.3	
PHOSPHORUS, TOTAL ORTHOPHOSPHATE (AS P)	mg/L	E300.0	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
SULFATE	mg/L	E300.0	133		133		150		146		145	
SALINITY	Ratio	IN620	2	U	2	U	2	U	2	U	2	U
CALCIUM	mg/L	SW6010	125		122		148		139		134	
IRON	mg/L	SW6010	0.067	J	0.081	J	0.206		0.152		0.0542	J
MAGNESIUM	mg/L	SW6010	22.1		21.8		23		22.8		22.7	
MANGANESE	mg/L	SW6010	0.0217		0.0222		0.0496		0.0433		0.0362	
POTASSIUM	mg/L	SW6010	3.96	J	3.94	J	3.85	J	3.82	J	3.92	J
SODIUM	mg/L	SW6010	193		193		163		171		183	
SPECIFIC CONDUCTANCE	umhos/cm	SW9050	1720		1710		1770		1750		1760	

Table 3D
Summary of Groundwater Investigation Analytical Results

		Location	OL-STA-60072		OL-STA-60078		OL-STA-60081		OL-STA-60087		OL-STA-60090	
		Sample Depth	0-0 Ft		0-0 Ft		0-0 Ft		0-0 Ft		0-0 Ft	
		Field Sample ID	OL-0269-04		OL-0269-07		OL-0269-03		OL-0269-08		OL-0269-06	
		Matrix	WATER		WATER		WATER		WATER		WATER	
		Sample Delivery Group	6L010287|C6L010287		6L010287|C6L010287		6L010287|C6L010287		6L010287|C6L010287		6L010287|C6L010287	
		Lab Sample ID	693470|C6L010287004		693473|C6L010287007		693469|C6L010287003		693474|C6L010287008		693472|C6L010287006	
		Sample Type	Surface Water		Surface Water		Surface Water		Surface Water		Surface Water	
Parameter Name	Units	Analytical Method										
CHLORIDE	mg/L	E300.0	334		372		382		346		361	
NITROGEN, NITRATE (AS N)	mg/L	E300.0	3.9		3.9		2.7		4.2		1.7	
PHOSPHORUS, TOTAL ORTHOPHOSPHATE (AS P)	mg/L	E300.0	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
SULFATE	mg/L	E300.0	149		149		145		153		136	
SALINITY	Ratio	IN620	2	U	2	U	2	U	2	U	2	U
CALCIUM	mg/L	SW6010	129		130		128		134		126	
IRON	mg/L	SW6010	0.21		0.24		0.147		0.263		0.045	J
MAGNESIUM	mg/L	SW6010	22.9		23.4		22.8		23.8		22.3	
MANGANESE	mg/L	SW6010	0.0358		0.0368		0.0336		0.0548		0.033	
POTASSIUM	mg/L	SW6010	4.72	J	4.75	J	4.31	J	5.08		3.98	J
SODIUM	mg/L	SW6010	187		214		208		190		200	
SPECIFIC CONDUCTANCE	umhos/cm	SW9050	1780		1850		1840		1810		1820	

Table 3D
Summary of Groundwater Investigation Analytical Results

		Location	OL-STA-60096		OL-STA-70040		OL-STA-70042		OL-STA-70043	
		Sample Depth	0-0 Ft		0-0 Ft		0-0 Ft		0-0 Ft	
		Field Sample ID	OL-0269-02		OL-0269-01		OL-0269-05		OL-0270-03	
		Matrix	WATER		WATER		WATER		WATER	
		Sample Delivery Group	6L010287|C6L010287		6L010287|C6L010287		6L010287|C6L010287		6L060118|C6L060118	
		Lab Sample ID	693468|C6L010287002		693467|C6L010287001		693471|C6L010287005		693772|C6L060118003	
		Sample Type	Surface Water		Surface Water		Surface Water		Surface Water	
Parameter Name	Units	Analytical Method								
CHLORIDE	mg/L	E300.0	378		362		356		343	
NITROGEN, NITRATE (AS N)	mg/L	E300.0	2.1		1.6		1.6		1.6	
PHOSPHORUS, TOTAL ORTHOPHOSPHATE (AS P)	mg/L	E300.0	0.5	U	0.5	U	0.5	U	0.5	U
SULFATE	mg/L	E300.0	140		138		136		137	
SALINITY	Ratio	IN620	2	U	2	U	2	U	2	U
CALCIUM	mg/L	SW6010	126		126		128		126	
IRON	mg/L	SW6010	0.138		0.0567	J	0.0618	J	0.0554	J
MAGNESIUM	mg/L	SW6010	22.6		22.4		22.6		22.3	
MANGANESE	mg/L	SW6010	0.032		0.0377		0.0387		0.0207	
POTASSIUM	mg/L	SW6010	4.1	J	3.98	J	4.04	J	3.94	J
SODIUM	mg/L	SW6010	210		200		200		193	
SPECIFIC CONDUCTANCE	umhos/cm	SW9050	1870		1830		1810		1730	

Table 4A
Lake Sediment Geotechnical Data Summary - Index Test Results

SMU 1 Index Test Results Summary

Location ID	Field Sample ID	Depth (ft)	Average Depth (ft)	Water Content (ASTM D2216) (%)	Atterberg Limits (ASTM D4318)			Grain Size (ASTM D422)					Specific Gravity (ASTM D854)
					Liquid Limit (%)	Plastic Limit (%)	Plasticity Index (%)	Percent Gravel (%)	Percent Sand (%)	Percent Fines (clay & silt) (%)	Clay-sized Particle Content (0.005 mm) (%)	Clay-sized Particle Content (0.002 mm) (%)	
OL-VC-10034	OL-0236-08	0-3.3	1.65	180.6									
OL-VC-10034	OL-0236-07	3.3-6.6	4.95	213.1									
OL-VC-10034	OL-0236-09	6.6-9.9	8.25	277.7									
OL-VC-10034	OL-0236-10	9.9-13.2	11.55	263.5									
OL-VC-10034	OL-0236-11	13.2-16.5	14.85	260.9									
OL-VC-10034	OL-0236-12	16.5-19.7	18.1	64.8									
OL-VC-10037	OL-0236-13	0-3.3	1.65	112.3									
OL-VC-10037	OL-0256-01	3.3-6.6	4.95	161.4	78	59	19	0	1.6	98.4	44	18	2.45
OL-VC-10037	OL-0256-02	6.6-9.9	8.25	191.2	86	59	27	0	3.2	96.8	53	27	
OL-VC-10037	OL-0236-14	9.9-13.2	11.55	166									
OL-VC-10037	OL-0296-01	9.9-13.2	11.55	191.3	96	48	48	0	4.8	95.2	55	28	2.52
OL-VC-10037	OL-0236-15	13.2-16.5	14.85	219.3									
OL-VC-10037	OL-0236-16	16.5-19.8	18.15	88.3									
OL-VC-10038	OL-0250-19	0-3.3	1.65	161.3	127	80	47	3	35.6	61.4	34	17	
OL-VC-10038	OL-0236-17	3.3-6.6	4.95	215.2									
OL-VC-10038	OL-0236-18	6.6-9.9	8.25	144.9									
OL-VC-10038	OL-0236-19	9.9-13.2	11.55	236.2									
OL-VC-10038	OL-0296-02	9.9-13.2	11.55	223.4									
OL-VC-10038	OL-0250-20	13.2-16.5	14.85	160.8	77	60	17	0	3.4	96.6	48	18	
OL-VC-10038	OL-0236-20	16.5-18.9	17.7	225.2									
OL-VC-10040	OL-0237-01	0-3.3	1.65	88.9									
OL-VC-10040	OL-0237-02	3.3-6.6	4.95	114.3									
OL-VC-10040	OL-0250-17	6.6-9.9	8.25	127.4	72	46	26	0	2.2	97.8	28	9	
OL-VC-10040	OL-0250-18	9.9-13.2	11.55	155.9	94	62	32	0	4.4	95.6	30	10	
OL-VC-10046	OL-0237-03	0-3.3	1.65	173.4									
OL-VC-10046	OL-0250-15	3.3-6.6	4.95	153.6	108	70	38	0	4.2	95.8	29	6	2.67
OL-VC-10046	OL-0237-04	6.6-9.9	8.25	131.8									
OL-VC-10046	OL-0237-05	9.9-13.2	11.55	111.3									
OL-VC-10046	OL-0237-06	13.2-16.5	14.85	68.1									
OL-VC-10046	OL-0250-16	16.5-19.2	17.85	66.2	47	33	14	0	0.8	99.2	29	13	
OL-VC-10047	OL-0237-07	0-3.3	1.65	144.9									
OL-VC-10047	OL-0250-13	3.3-6.6	4.95	151.3	91	56	35	0	4	96	32	16	2.63
OL-VC-10047	OL-0250-14	6.6-9.9	8.25	173.4	101	60	41	0.3	4.9	94.8	35	13	
OL-VC-10047	OL-0237-08	9.9-13.2	11.55	113									
OL-VC-10047	OL-0237-09	13.2-16.5	14.85	92.7									
OL-VC-10047	OL-0237-10	16.5-19.8	18.15	111.3									
OL-VC-10054	OL-0237-15	0-3.3	1.65	134.3									
OL-VC-10054	OL-0250-11	6.6-9.9	8.25	93.4	62	40	22	0	14.7	85.3	33	12	
OL-VC-10054	OL-0250-12	9.9-13.2	11.55	114.6	63	44	19	0	1.5	98.5	36	11	
OL-VC-10054	OL-0237-17	13.2-16.5	14.85	76									
OL-VC-10054	OL-0237-18	16.5-18.8	17.65	72.6									

SMU 1 Index Test Results Summary

Location ID	Field Sample ID	Depth (ft)	Average Depth (ft)	Water Content (ASTM D2216) (%)	Atterberg Limits (ASTM D4318)			Grain Size (ASTM D422)					Specific Gravity (ASTM D854)
					Liquid Limit (%)	Plastic Limit (%)	Plasticity Index (%)	Percent Gravel (%)	Percent Sand (%)	Percent Fines (clay & silt) (%)	Clay-sized Particle Content (0.005 mm) (%)	Clay-sized Particle Content (0.002 mm) (%)	
OL-VC-10057	OL-0237-11	0-3.3	1.65	143.7									
OL-VC-10057	OL-0250-09	3.3-6.6	4.95	197.1	130	88	42	0	27.6	72.4	27	13	
OL-VC-10057	OL-0237-12	6.6-9.9	8.25	193.4									
OL-VC-10057	OL-0250-10	9.9-13.2	11.55	140.1	85	55	30	0	1.3	98.7	28	12	
OL-VC-10057	OL-0237-14	13.2-16.5	14.85	141.9									
OL-VC-10057	OL-0237-13	16.5-19.5	18	127.2									
OL-VC-10062	OL-0237-19	0-3.3	1.65	177.8									
OL-VC-10062	OL-0250-07	3.3-6.6	4.95	127.3	103	63	40	0	7.6	92.4	33	11	
OL-VC-10062	OL-0237-20	6.6-9.9	8.25	185.3									
OL-VC-10062	OL-0238-01	9.9-13.2	11.55	144.4									
OL-VC-10062	OL-0238-02	13.2-16.5	14.85	181.6									
OL-VC-10062	OL-0250-08	16.5-19.2	17.85	181.8	96	59	37	0	3	97	36	14	2.7
OL-VC-10062A	OL-0296-03	3.3- 6.6	4.95	194.8	113	60	53	0	4.3	95.7	43	22	2.54
OL-VC-10063	OL-0250-05	0-3.3	1.65	221.6	88	60	28	0	1.2	98.8	30	12	
OL-VC-10063	OL-0238-03	3.3-6.6	4.95	209.4									
OL-VC-10063	OL-0238-04	6.6-9.9	8.25	172.4									
OL-VC-10063	OL-0238-05	9.9-13.2	11.55	154.4									
OL-VC-10063	OL-0238-06	13.2-16.5	14.85	180.4									
OL-VC-10063	OL-0250-06	16.5-19.8	18.15	169.4	82	55	27	0	2.2	97.8	30	13	
OL-VC-10066	OL-0238-07	0-3.3	1.65	131.7									
OL-VC-10066	OL-0249-12	3.3-6.6	4.95	112.4	60	50	10	0	30.3	69.7	17	7	
OL-VC-10066	OL-0238-08	6.6-9.9	8.25	99.2									
OL-VC-10066	OL-0249-13	9.9-13.2	11.55	104.3	60	47	13	0	23.5	76.5	20	9	
OL-VC-10066	OL-0238-09	13.2-16.5	14.85	134.5									
OL-VC-10066	OL-0238-10	16.5-19.8	18.15	238									
OL-VC-10071	OL-0249-14	0-3.3	1.65	169.7	86	47	39	0	1.1	98.9	42	32	
OL-VC-10071	OL-0238-11	3.3-6.6	4.95	186									
OL-VC-10071	OL-0238-12	6.6-9.9	8.25	155.7									
OL-VC-10071	OL-0249-15	9.9-13.2	11.55	198.6	89	60	29	0	1.4	98.6	29	13	
OL-VC-10071	OL-0238-13	13.2-16.5	14.85	153.3									
OL-VC-10071	OL-0238-14	16.5-19.8	18.15	157.7									
OL-VC-10073	OL-0245-01	0-3.3	1.65	196.6									
OL-VC-10073	OL-0245-02	3.3-6.6	4.95	147.7									
OL-VC-10073	OL-0249-16	6.6-9.9	8.25	194.3	72	47	25	0	1.7	98.3	30	11	
OL-VC-10073	OL-0245-03	9.9-13.2	11.55	152.3									
OL-VC-10073	OL-0245-05	13.2-16.5	14.85	151									
OL-VC-10073	OL-0245-04	16.5-19.8	18.15	159.5									
OL-VC-10076	OL-0245-06	0-3.3	1.65	151.4									
OL-VC-10076	OL-0245-07	3.3-6.6	4.95	154.2									
OL-VC-10076	OL-0245-08	9.9-13.2	11.55	192.3									
OL-VC-10076	OL-0249-17	13.2-16.5	14.85	178.7	116	70	46	0.1	7.2	92.7	38	17	
OL-VC-10076	OL-0245-09	16.5-19.8	18.15	169									

Table 4A
Lake Sediment Geotechnical Data Summary - Index Test Results

SMU 1 Index Test Results Summary

Location ID	Field Sample ID	Depth (ft)	Average Depth (ft)	Water Content (ASTM D2216) (%)	Atterberg Limits (ASTM D4318)			Grain Size (ASTM D422)					Specific Gravity (ASTM D854)
					Liquid Limit (%)	Plastic Limit (%)	Plasticity Index (%)	Percent Gravel (%)	Percent Sand (%)	Percent Fines (clay & silt) (%)	Clay-sized Particle Content (0.005 mm) (%)	Clay-sized Particle Content (0.002 mm) (%)	
OL-VC-10077	OL-0249-18	0-3.3	1.65	150.4	61	44	17	0	0.4	99.6	31	15	
OL-VC-10077	OL-0245-10	3.3-6.6	4.95	187.5									
OL-VC-10077	OL-0245-11	6.6-9.9	8.25	138.4									
OL-VC-10077	OL-0249-19	9.9-13.2	11.55	177.7	76	48	28	0	1.4	98.6	38	18	
OL-VC-10077	OL-0245-12	13.2-16.5	14.85	151.1									
OL-VC-10077	OL-0245-13	16.5-17.9	17.2	216.8									
OL-VC-10078	OL-0248-05	0-3.3	1.65	48.1									
OL-VC-10078	OL-0248-06	3.3-6.6	4.95	108.5									
OL-VC-10078	OL-0248-07	6.6-9.9	8.25	150.8									
OL-VC-10078	OL-0249-20	9.9-13.2	11.55	181.3	119	82	37	0	10.3	89.7	14	11	
OL-VC-10078	OL-0248-08	13.2-16.5	14.85	153.4									
OL-VC-10078	OL-0248-09	16.5-19.8	18.15	181.4									
OL-VC-10080	OL-0245-14	0-3.3	1.65	135.2									
OL-VC-10080	OL-0250-01	3.3-6.6	4.95	94.6	56	40	16	0	9.2	90.8	26	10	
OL-VC-10080	OL-0245-15	6.6-9.9	8.25	185.6									
OL-VC-10080	OL-0245-16	9.9-13.2	11.55	252									
OL-VC-10080	OL-0296-04	9.9-13.2	11.55	224.3									
OL-VC-10080	OL-0250-02	13.2-16.5	14.85	203.5	114	83	31	0	2.5	97.5	8	2	
OL-VC-10080	OL-0245-17	16.5-19.3	17.9	175									
OL-VC-10081A	OL-0248-01	0-3.3	1.65	132.6									
OL-VC-10081A	OL-0250-03	3.3-6.6	4.95	172.1	122	67	55	0	3	97	38	19	2.69
OL-VC-10081A	OL-0248-02	6.6-9.9	8.25	197									
OL-VC-10081A	OL-0248-03	9.9-13.2	11.55	149									
OL-VC-10081A	OL-0248-04	13.2-16.5	14.85	183.4									
OL-VC-10081A	OL-0296-05	13.2-16.5	14.85	206.3	117	82	35	4.8	7.1	88.1	40	22	2.58
OL-VC-10081A	OL-0250-04	16.5-19.6	18.05	170.8	79	51	28	0	1.1	98.9	39	17	
OL-VC-10089	OL-0248-10	0-3.3	1.65	91.7									
OL-VC-10089	OL-0248-11	3.3-6.6	4.95	135.7									
OL-VC-10089	OL-0248-12	6.6-9.9	8.25	162.4									
OL-VC-10089	OL-0248-13	9.9-13.2	11.55	176.9									
OL-VC-10089	OL-0256-08	13.2-16.5	14.85	198.4	80	58	22	0	0.9	99.1	36	17	2.43
OL-VC-10089	OL-0248-14	16.5-19.7	18.1	161.3									
OL-VC-10090	OL-0248-15	0-3.3	1.65	179.1									
OL-VC-10090	OL-0256-09	3.3-6.6	4.95	104.3	52	35	17	0	1.7	98.3	20	8	
OL-VC-10090	OL-0248-16	6.6-9.9	8.25	116.6									
OL-VC-10090	OL-0248-17	9.9-13.2	11.55	83.7									
OL-VC-10090	OL-0248-18	13.2-16.5	14.85	141.5									
OL-VC-10090	OL-0248-19	16.5-19.8	18.15	151.1									

SMU 1 Index Test Results Summary

Location ID	Field Sample ID	Depth (ft)	Average Depth (ft)	Water Content (ASTM D2216) (%)	Atterberg Limits (ASTM D4318)			Grain Size (ASTM D422)					Specific Gravity (ASTM D854)
					Liquid Limit (%)	Plastic Limit (%)	Plasticity Index (%)	Percent Gravel (%)	Percent Sand (%)	Percent Fines (clay & silt) (%)	Clay-sized Particle Content (0.005 mm) (%)	Clay-sized Particle Content (0.002 mm) (%)	
OL-VC-10094	OL-0248-20	0-3.3	1.65	126.7									
OL-VC-10094	OL-0249-11	3.3-6.6	4.95	86.3	46	31	15	0	11	89	16	8	2.58
OL-VC-10094	OL-0249-01	6.6-9.9	8.25	106.6									
OL-VC-10094	OL-0249-02	9.9-13.2	11.55	195.9									
OL-VC-10094	OL-0249-03	13.2-16.5	14.85	161.1									
OL-VC-10094	OL-0249-04	16.5-19.8	18.15	184.3	72	61	11	0	1	99	13	8	
OL-VC-10095A	OL-0256-05	0-3.3	1.65	193	109	38	71	0	2.7	97.3	24	16	
OL-VC-10095A	OL-0256-06	3.3-6.6	4.95	140.2	101	41	60	0	1.9	98.1	19	12	
OL-VC-10095A	OL-0244-05	6.6-9.9	8.25	139.2									
OL-VC-10095A	OL-0244-06	9.9-13.2	11.55	211.2									
OL-VC-10095A	OL-0244-07	13.2-16.5	14.85	126.3									
OL-VC-10095A	OL-0256-07	16.5-19.1	17.8	100.9	77	42	35	0	1.5	98.5	12	8	
OL-VC-10096	OL-0256-03	0-3.3	1.65	101.7	56	36	20	0	3.2	96.8	23	8	
OL-VC-10096	OL-0244-08	3.3-6.6	4.95	94.5									
OL-VC-10096	OL-0244-09	6.6-9.9	8.25	177.2									
OL-VC-10096	OL-0244-10	9.9-13.2	11.55	159.7									
OL-VC-10096	OL-0256-04	13.2-16.5	14.85	152.3	75	50	25	0	1	99	31	11	
OL-VC-10096	OL-0244-11	16.5-19.8	18.15	158.8									
OL-VC-10102	OL-0244-12	3.3-6.6	4.95	101.4									
OL-VC-10102	OL-0244-13	6.6-9.9	8.25	190.2									
OL-VC-10102	OL-0256-11	9.9-13.2	11.55	144.8	69	46	23	0	0.8	99.2	27	8	2.63
OL-VC-10102	OL-0244-14	13.2-16.5	14.85	140.4									
OL-VC-10102	OL-0244-15	16.5-17.2	16.85	159.4									
OL-VC-10103	OL-0244-16	0-3.3	1.65	161.5									
OL-VC-10103	OL-0244-17	3.3-6.6	4.95	178									
OL-VC-10103	OL-0256-10	6.6-9.9	8.25	172.7	75	50	25	0	0.9	99.1	30	13	
OL-VC-10103	OL-0244-18	9.9-13.2	11.55	152.8									
OL-VC-10103	OL-0244-19	13.2-16.5	14.85	142.9									
OL-VC-10103	OL-0244-20	16.5-18	17.25	163.3									
OL-VC-10105	OL-0244-01	0-3.3	1.65	210.9									
OL-VC-10105	OL-0296-06	0-3.3	1.65	215.3	89	55	34	0	11.7	88.3	35	20	2.6
OL-VC-10105	OL-0256-12	3.3-6.6	4.95	162.6	84	59	25	0	27	73	26	13	
OL-VC-10105	OL-0244-02	6.6-9.9	8.25	151.2									
OL-VC-10105	OL-0244-03	9.9-13.2	11.55	182.4									
OL-VC-10105	OL-0244-04	13.2-16.5	14.85	151.3									
OL-VC-10105	OL-0256-13	16.5-19.8	18.15	93.9	70	39	31	0	2.3	97.7	19	11	
OL-VC-10107	OL-0249-06	0-3.3	1.65	83.4									
OL-VC-10107	OL-0249-07	3.3-6.6	4.95	85.7									
OL-VC-10107	OL-0249-10	6.6-9.9	8.25	90.6	52	35	17	0	5.9	94.1	17	9	2.65
OL-VC-10107	OL-0249-08	9.9-13.2	11.55	75.1									
OL-VC-10107	OL-0249-05	13.2-16.5	14.85	103.2	59	44	15	0	5.5	94.5	17	8	2.71
OL-VC-10107	OL-0249-09	16.5-17.5	17	96									

Table 4A
Lake Sediment Geotechnical Data Summary - Index Test Results

SMU 1 Index Test Results Summary

Location ID	Field Sample ID	Depth (ft)	Average Depth (ft)	Water Content (ASTM D2216) (%)	Atterberg Limits (ASTM D4318)			Grain Size (ASTM D422)					Specific Gravity (ASTM D854)
					Liquid Limit (%)	Plastic Limit (%)	Plasticity Index (%)	Percent Gravel (%)	Percent Sand (%)	Percent Fines (clay & silt) (%)	Clay-sized Particle Content (0.005 mm) (%)	Clay-sized Particle Content (0.002 mm) (%)	
OL-STA-10108	OL-0299-01	2-4	3	243.6									
OL-STA-10108	OL-0299-02	12-14	13	226.1	132	76	56	0	4.1	95.9	42	20	2.59
OL-STA-10108	OL-0299-03	27-29	28	124.2									
OL-STA-10108	OL-0299-04	32-34	33	112									
OL-STA-10108	OL-0299-08	37-39	38	82.6	66	38	28	0.1	3.7	96.2	39	19	2.52
OL-STA-10108	OL-0299-05	42-44	43	270.5									
OL-STA-10108	OL-0299-06	47-49	48	85.5									
OL-STA-10108	OL-0298-05	47-49	48	86.43	92	44	48	0	3.6	96.4	34	27	2.57
OL-STA-10108	OL-0299-09	52-54	53	75.9	95	42	53	0.2	2.3	97.5	26	19	2.69
OL-STA-10108	OL-0299-07	57-59	58	73.9									
OL-STA-10108	OL-0299-10	62-64	63	68.5									
OL-STA-10108	OL-0267-01	64-66	65	69.8									
OL-STA-10108	OL-0299-11	66-68	67	70.3									
OL-STA-10108	OL-0267-02	68-70	69	67.7	74	35	39	0	0.1	99.9	23	17	2.77
OL-STA-10108	OL-0299-12	70-72	71	60.2									
OL-STA-10108	OL-0299-13	72-74	73	64.9									
OL-STA-10108	OL-0301-10	76-78	77	64.6	67	36	31	0	0.4	99.6	47	29	
OL-STA-10108	OL-0299-14	82-84	83	40.6									
OL-STA-10108	OL-0301-11	88-90	89	41.7	44	20	24	0	0	100	33	27	
OL-STA-10108	OL-0299-15	103-105	104	44.4									
OL-STA-10108	OL-0301-13	113-115	114	33.7									
OL-STA-10108	OL-0301-12	118-120	119	31.5	40	18	22	0	0	100	55	41	
OL-STA-10108	OL-0299-16	123-125	124	20.4									
OL-STA-10108	OL-0299-17	128-130	129	18.6									
OL-STA-10108	OL-0301-14	134-136	135	17.2	17	15	2	0	8.1	91.9	17	13	2.79
OL-STA-10108	OL-0299-18	141-143	142	17.2									
OL-STA-10108	OL-0301-15	147-149	148	10	26	15	11	63.3	24	12.7	6	5	
OL-STA-10108	OL-0299-19	149-151	150	7.9									
OL-STA-10108	OL-0301-16	153-155	154	7.6	14	10	4	5.9	53.7	40.4	13	10	
OL-STA-10108	OL-0301-17	155-157	156	9.3	20	10	10	9.6	38	52.4	29	20	2.8
OL-STA-10108	OL-0299-20	165-167	166	11.2									

Table 4A
Lake Sediment Geotechnical Data Summary - Index Test Results
SMU 2 Index Test Results Summary

Location ID	Field Sample ID	Depth (ft)	Average Depth (ft)	Water Content (ASTM D2216) (%)	Atterberg Limits (ASTM D 4318)			Grain Size (ASTM D 422)					Specific Gravity (ASTM D 854)
					Liquid Limit	Plastic Limit	Plasticity Index	Percent Gravel (%)	Percent Sand (%)	Percent Fines (clay & silt) (%)	Clay-sized Particle Content (0.005 mm) (%)	Clay-sized Particle Content (0.002 mm) (%)	
OL-VC-20067	OL-0289-09	0-3.3	1.65	162.4	89	44	45	0	2.2	97.8	9	5	2.62
OL-VC-20067	OL-0289-10	6.6-9.9	8.25	77.9	54	40	14	2.8	9.3	87.9	28	17	
OL-VC-20067	OL-0290-04	9.9-11.5	10.7	34.3									
OL-VC-20068	OL-0290-05	0-3.3	1.65	104.5									
OL-VC-20068	OL-0289-12	3.3-6.6	4.95	86.9				0	26.9	73.1	24	13	
OL-VC-20068	OL-0290-06	9.9-13.2	11.55	82.6									
OL-VC-20068	OL-0289-11	13.2-16.5	14.85	63.1	52	35	17	0.9	13.6	85.5	33	17	
OL-VC-20069	OL-0290-07	0-3.3	1.65	79.4									
OL-VC-20069	OL-0289-13	3.3-6.6	4.95	68.7				3.3	17.3	79.4	25	14	
OL-VC-20069	OL-0289-14	9.9-13.2	11.55	67.7				0.2	32.4	67.4	36	23	
OL-VC-20069	OL-0290-08	13.2-16.5	14.85	23.2									
OL-VC-20070	OL-0289-15	0-3.3	1.65	63.9				16.3	30	53.7	23	12	2.76
OL-VC-20070	OL-0289-16	6.6-9.9	8.25	74.2	48	34	14	0	31.7	68.3	37	24	
OL-VC-20070	OL-0290-09	9.9-13.2	11.55	47.5									
OL-VC-20070	OL-0302-01	9.9-13.2	11.55	44.7	42	26	16	0.5	16.8	82.7	38	24	
OL-VC-20070	OL-0289-17	13.2-16.5	14.85	30.6	39	18	21	0	0.1	99.9	73	50	2.79
OL-VC-20070	OL-0290-10	16.5-18.2	17.35	33									
OL-VC-20071	OL-0289-18	0-3.3	1.65	65.2	39	31	8	24.3	37.5	38.2	18	11	2.72
OL-VC-20071	OL-0290-11	6.6-9.9	8.25	73.7									
OL-VC-20071	OL-0289-19	13.2-16.5	14.85	28.9				0	12.2	87.8	25	16	
OL-VC-20072	OL-0232-09	0-3.3	1.65	98.4				0	33.8	66.2	22	13	2.7
OL-VC-20072	OL-0231-02	3.3-6.6	4.95	94.7									
OL-VC-20072	OL-0232-10	6.6-9.9	8.25	93.4				0.3	57.1	42.6	19	13	
OL-VC-20072	OL-0231-03	9.9-13.2	11.55	81.2									
OL-VC-20072	OL-0232-11	13.2-16.5	14.85	76.1				0	32.8	67.2	28	18	
OL-VC-20072	OL-0231-01	16.5-19.8	18.15	69.8									
OL-VC-20073	OL-0232-02	0-3.3	1.65	185.3									
OL-VC-20073	OL-0232-12	3.3-6.6	4.95	109	60	40	20	0	2.3	97.7	34	12	2.37
OL-VC-20073	OL-0232-03	6.6-9.9	8.25	139.5									
OL-VC-20073	OL-0232-04	9.9-13.2	11.55	76.1									
OL-VC-20073	OL-0232-13	13.2-16.5	14.85	71.3	73	35	38	0	2.6	97.4	66	44	2.72
OL-VC-20073	OL-0232-14	16.5-19.3	17.9	65.3	62	35	27	0.7	0.8	98.5	75	46	
OL-VC-20074	OL-0232-15	0-3.3	1.65	198.4	104	48	56	0	1.6	98.4	9	8	
OL-VC-20074	OL-0232-05	3.3-6.6	4.95	125.3									
OL-VC-20074	OL-0232-06	6.6-9.9	8.25	143.1									
OL-VC-20074	OL-0232-16	9.9-13.2	11.55	79.7	84	34	50	0.3	1	98.7	56	34	
OL-VC-20074	OL-0232-07	13.2-16.5	14.85	70.3									
OL-VC-20074	OL-0297-01	13.2-16.5	14.85	69.8	77	36	41	0	1	99	70	45	2.69
OL-VC-20074	OL-0232-08	16.5-18.1	17.3	64									
OL-VC-20075	OL-0231-04	0-3.3	1.65	242.2									
OL-VC-20075	OL-0232-17	3.3-6.6	4.95	178.3	74	50	24	0	5.2	94.8	43	22	
OL-VC-20075	OL-0232-18	6.6-9.9	8.25	113.2	95	42	53	1.4	3.5	95.1	23	16	2.26
OL-VC-20075	OL-0231-05	9.9-13.2	11.55	77.8									
OL-VC-20075	OL-0231-06	13.2-16.5	14.85	61.4									
OL-VC-20075	OL-0232-19	16.5-17.2	16.85	66.9	66	34	32	0	0.7	99.3	74	46	

Table 4A
Lake Sediment Geotechnical Data Summary - Index Test Results
SMU 2 Index Test Results Summary

Location ID	Field Sample ID	Depth (ft)	Average Depth (ft)	Water Content (ASTM D2216) (%)	Atterberg Limits (ASTM D 4318)			Grain Size (ASTM D 422)					Specific Gravity (ASTM D 854)
					Liquid Limit	Plastic Limit	Plasticity Index	Percent Gravel (%)	Percent Sand (%)	Percent Fines (clay & silt) (%)	Clay-sized Particle Content (0.005 mm) (%)	Clay-sized Particle Content (0.002 mm) (%)	
OL-VC-20076	OL-0232-20	0-3.3	1.65	177.7	134	53	81	0	1.7	98.3	18	15	
OL-VC-20076	OL-0231-07	3.3-6.6	4.95	101.4									
OL-VC-20076	OL-0231-08	6.6-9.9	8.25	57.9									
OL-VC-20076	OL-0233-01	9.9-13.2	11.55	202.9	87	39	48	0	9.8	90.2	21	8	
OL-VC-20076	OL-0231-10	16.5-19.7	18.1	64.3									
OL-VC-20077	OL-0233-02	0-3.3	1.65	262	145	61	84	0	3.6	96.4	10	6	
OL-VC-20077	OL-0231-11	3.3-6.6	4.95	130									
OL-VC-20077	OL-0231-12	6.6-9.9	8.25	136.9									
OL-VC-20077	OL-0231-13	9.9-13.2	11.55	83.1									
OL-VC-20077	OL-0233-03	13.2-16.5	14.85	72.8	74	37	37	0	0.9	99.1	65	40	
OL-VC-20077	OL-0231-14	16.5-17.3	16.9	48.9									
OL-VC-20078	OL-0233-04	0-3.3	1.65	219.1	122	66	56	0	1.6	98.4	11	6	
OL-VC-20078	OL-0231-15	3.3-6.6	4.95	137.4									
OL-VC-20078	OL-0233-05	6.6-9.9	8.25	260.6	99	67	32	0	10.4	89.6	51	27	2.57
OL-VC-20078	OL-0231-16	9.9-13.2	11.55	127.3									
OL-VC-20078	OL-0231-17	13.2-16.5	14.85	78.7									
OL-VC-20078	OL-0233-06	16.5-19.8	18.15	70.9	88	38	50	0	0.6	99.4	68	43	
OL-VC-20079	OL-0231-18	0-3.3	1.65	140.9									
OL-VC-20079	OL-0297-02	0.0-3.3	1.65	123.3	55	36	19	0	0.7	99.3	11	7	2.58
OL-VC-20079	OL-0231-19	3.3-6.6	4.95	153.6									
OL-VC-20079	OL-0233-07	6.6-9.9	8.25	229.8	106	67	39	0	3.2	96.8	52	23	2.69
OL-VC-20079	OL-0231-20	9.9-13.2	11.55	248.2									
OL-VC-20079	OL-0233-08	13.2-16.5	14.85	102.6	80	42	38	0	1.7	98.3	45	27	2.69
OL-VC-20079	OL-0232-01	16.5-19.8	18.15	70.6									
OL-VC-20080	OL-0289-20	0-3.3	1.65	67.8				28.9	27.1	44	15	9	
OL-VC-20080	OL-0290-12	6.6-9.9	8.25	86.6									
OL-VC-20080	OL-0290-01	9.9-13.2	11.55	63.3				1.9	35.9	62.2	31	20	
OL-VC-20080	OL-0290-13	16.5-18.5	17.5	40.3									
OL-VC-20081	OL-0290-02	3.3-6.6	4.95	73.6	44	30	14	4.7	28.7	66.6	13	8	
OL-VC-20081	OL-0290-14	9.9-13.2	11.55	74									
OL-VC-20081	OL-0290-15	13.2-16.5	14.85	17.8									
OL-VC-20082	OL-0290-16	0-3.3	1.65	73.7									
OL-VC-20082	OL-0290-03	6.6-9.9	8.25	63.9	49	38	11	0.6	24.3	75.1	20	13	2.72
OL-VC-20082	OL-0290-17	13.2-16.5	14.85	15.5									
OL-VC-20082	OL-0290-18	16.5-18.6	17.55	33.3									

Table 4A
Lake Sediment Geotechnical Data Summary - Index Test Results

SMU 3 Index Test Results Summary

Location ID	Field Sample ID	Depth (ft)	Average Depth (ft)	Water Content (ASTM D2216) (%)	Atterberg Limits (ASTM D 4318)			Grain Size (ASTM D 422)					Specific Gravity (ASTM D 854)
					Liquid Limit	Plastic Limit	Plasticity Index	Percent Gravel (%)	Percent Sand (%)	Percent Fines (clay & silt) (%)	Clay-sized Particle Content (0.005 mm) (%)	Clay-sized Particle Content (0.002 mm) (%)	
OL-VC-30034	OL-0285-13	0.5-3.3	1.9	239.7	142	101	41	0	17.8	82.2	9	3	
OL-VC-30034	OL-0277-10	3.3-6.6	4.95	211.1									
OL-VC-30034	OL-0277-11	6.6-9.9	8.25	204.3									
OL-VC-30034	OL-0285-14	9.9-13.2	11.55	168				0	0.9	99.1	14	7	
OL-VC-30034	OL-0277-12	13.2-16.5	14.85	209.5									
OL-VC-30034	OL-0277-13	16.5-19.8	18.15	111.4									
OL-VC-30035	OL-0277-06	0.5-3.3	1.9	313.7									
OL-VC-30035	OL-0277-07	3.3-6.6	4.95	166.4									
OL-VC-30035	OL-0282-18	6.6-9.9	8.25	236.6	107	68	39	0	0.9	99.1	46	17	2.62
OL-VC-30035	OL-0277-08	9.9-13.2	11.55	170.1									
OL-VC-30035	OL-0277-09	13.2-16.5	14.85	166.2									
OL-VC-30035	OL-0282-19	16.5-19.6	18.05	109.8	109	49	60	0	2.1	97.9	44	30	2.74
OL-VC-30036	OL-0282-20	0.5-3.3	1.9	175.2	79	53	26	0	2.9	97.1	21	11	2.68
OL-VC-30036	OL-0277-18	3.3-6.6	4.95	195.5									
OL-VC-30036	OL-0277-19	6.6-9.9	8.25	128.8									
OL-VC-30036	OL-0302-02	6.6-9.9	8.25	150.3									
OL-VC-30036	OL-0285-01	9.9-13.2	11.55	76.5	102	45	57	0.3	0.6	99.1	40	24	2.71
OL-VC-30036	OL-0277-20	13.2-16.5	14.85	74.6									
OL-VC-30036	OL-0285-02	16.5-17.3	16.9	48.8	58	31	27	0	0.5	99.5	49	32	
OL-VC-30037	OL-0282-17	0.5-3.3	1.9	178.1	80	55	25	1	6.4	92.6	24	9	
OL-VC-30037	OL-0278-02	3.3-6.6	4.95	152.7									
OL-VC-30037	OL-0278-01	6.6-9.9	8.25	144.4									
OL-VC-30037	OL-0282-15	9.9-13.2	11.55	143.5	76	47	29	0.4	2.7	96.9	6	5	
OL-VC-30037	OL-0282-16	13.2-16.5	14.85	88.1	90	43	47	0.2	0.9	98.9	46	30	
OL-VC-30038	OL-0285-03	0.5-3.3	1.9	449.4	198	133	65	0	6.5	93.5	34	20	2.65
OL-VC-30038	OL-0278-03	3.3-6.6	4.95	286.6									
OL-VC-30038	OL-0302-03	3.3- 6.6	4.95	261.5	110	60	50	0	6	94	45	22	
OL-VC-30038	OL-0285-04	6.6-9.9	8.25	122.3	108	78	30	0	0	100	24	9	
OL-VC-30038	OL-0278-04	9.9-13.2	11.55	162.5									
OL-VC-30038	OL-0278-05	13.2-16.5	14.85	126.8									
OL-VC-30038	OL-0285-05	16.5-20.1	18.3	73.5	97	41	56	0	0.4	99.6	43	26	
OL-VC-30039	OL-0277-14	0-3.3	1.65	184.8									
OL-VC-30039	OL-0285-06	3.3-6.6	4.95	635	90	64	26	0	3.1	96.9	38	10	
OL-VC-30039	OL-0277-15	6.6-9.9	8.25	247.4									
OL-VC-30039	OL-0285-07	9.9-13.2	11.55	17	121	86	35	0	0.1	99.9	11	4	
OL-VC-30039	OL-0277-16	13.2-16.5	14.85	230.3									
OL-VC-30039	OL-0277-17	16.5-20	18.25	197.9									
OL-VC-30040	OL-0276-19	0-3.3	1.65	223.8									
OL-VC-30040	OL-0302-04	0-3.3	1.65	221.1	90	52	38	0	1.6	98.4	12	6	2.18
OL-VC-30040	OL-0285-08	3.3-6.6	4.95	195.7	104	72	32	0	2.2	97.8	8	4	
OL-VC-30040	OL-0276-20	6.6-9.9	8.25	194.3									
OL-VC-30040	OL-0285-09	9.9-13.2	11.55	190.6				0	6.6	93.4	9	8	
OL-VC-30040	OL-0277-01	16.5-20.1	18.3	66									
OL-VC-30041	OL-0285-11	0-3.3	1.65	256.7				0	3.3	96.7	7	2	
OL-VC-30041	OL-0278-06	3.3-6.6	4.95	230.9									

Table 4A
Lake Sediment Geotechnical Data Summary - Index Test Results

SMU 3 Index Test Results Summary

Location ID	Field Sample ID	Depth (ft)	Average Depth (ft)	Water Content (ASTM D2216) (%)	Atterberg Limits (ASTM D 4318)			Grain Size (ASTM D 422)					Specific Gravity (ASTM D 854)
					Liquid Limit	Plastic Limit	Plasticity Index	Percent Gravel (%)	Percent Sand (%)	Percent Fines (clay & silt) (%)	Clay-sized Particle Content (0.005 mm) (%)	Clay-sized Particle Content (0.002 mm) (%)	
OL-VC-30041	OL-0278-07	6.6-9.9	8.25	247									
OL-VC-30041	OL-0285-12	9.9-13.2	11.55	201.2	102	73	29	0	5.3	94.7	4	2	2.67
OL-VC-30041	OL-0278-08	13.2-16.5	14.85	196.1									
OL-VC-30041	OL-0278-09	16.5-19.8	18.15	194									

Table 4A
Lake Sediment Geotechnical Data Summary - Index Test Results

SMU 3 Index Test Results Summary

Location ID	Field Sample ID	Depth (ft)	Average Depth (ft)	Water Content (ASTM D2216) (%)	Atterberg Limits (ASTM D 4318)			Grain Size (ASTM D 422)					Specific Gravity (ASTM D 854)
					Liquid Limit	Plastic Limit	Plasticity Index	Percent Gravel (%)	Percent Sand (%)	Percent Fines (clay & silt) (%)	Clay-sized Particle Content (0.005 mm) (%)	Clay-sized Particle Content (0.002 mm) (%)	
OL-VC-30042	OL-0285-10	0-3.3	1.65	138	71	45	26	0	1.1	98.9	32	11	
OL-VC-30042	OL-0277-02	3.3-6.6	4.95	240.1									
OL-VC-30042	OL-0277-03	9.9-13.2	11.55	248.9									
OL-VC-30042	OL-0277-04	13.2-16.5	14.85	174.9									
OL-VC-30042	OL-0277-05	16.5-19.8	18.15	179									
OL-VC-30043	OL-0285-15	0-3.3	1.65	195.8	105	79	26	0	2.8	97.2	6	3	
OL-VC-30043	OL-0278-10	3.3-6.6	4.95	257									
OL-VC-30043	OL-0278-11	6.6-9.9	8.25	167.1									
OL-VC-30043	OL-0285-16	9.9-13.2	11.55	82.5	45	35	10	0	32.9	67.1	2	1	2.72
OL-VC-30043	OL-0278-12	13.2-16.5	14.85	82.6									
OL-VC-30043	OL-0302-05	13.2-16.5	14.85	90.5	62	38	24	0	25.5	74.5	12	10	2.45
OL-VC-30043	OL-0285-17	16.5-19.4	17.95	77.3	69	40	29	0.2	15.2	84.6	9	4	2.73
OL-STA-30033	OL-0300-01	0-2	1	185.6									
OL-STA-30033	OL-0301-02	5-7	6	198.2	115	80	35	0	3.9	96.1	36	17	
OL-STA-30033	OL-0300-02	15-17	16	215.3									
OL-STA-30033	OL-0300-03	20-22	21	83.5									
OL-STA-30033	OL-0300-04	25-27	26	70.9									
OL-STA-30033	OL-0301-03	30-32	31	63.9	75	36	39	0	0.6	99.4	51	31	2.7
OL-STA-30033	OL-0300-05	35-37	36	68.8									
OL-STA-30033	OL-0298-01	35-37	36	74.18	63	36	27	0	0.4	99.6	58	14	2.74
OL-STA-30033	OL-0300-06	40-42	41	44.2									
OL-STA-30033	OL-0300-07	45-47	46	58.3									
OL-STA-30033	OL-0267-03	47-49	48	54.4	53	21	32	0	0.1	99.9	27	22	2.75
OL-STA-30033	OL-0267-04	51-53	52	24.9									
OL-STA-30033	OL-0300-08	53-55	54	29									
OL-STA-30033	OL-0300-09	55-57	56	24.7									
OL-STA-30033	OL-0301-04	59-61	60	19.9	18	17	1	0	7.7	92.3	10	9	
OL-STA-30033	OL-0300-10	63-65	64	30.3									
OL-STA-30033	OL-0300-11	67-69	68	22.1									
OL-STA-30033	OL-0300-12	71-73	72	34.8									
OL-STA-30033	OL-0301-05	73-75	74	18.5	Non-Plastic			0	57.8	42.2	11	7	2.72
OL-STA-30033	OL-0300-13	75-77	76	11.3									
OL-STA-30033	OL-0300-14	81-83	82	20.4									
OL-STA-30033	OL-0300-15	83-85	84	21.9									
OL-STA-30033	OL-0301-06	85-87	86	24.6	Non-Plastic			0	81.9	18.1	7	5	
OL-STA-30033	OL-0300-16	87-89	88	18.7									
OL-STA-30033	OL-0300-17	89-91	90	15.2									
OL-STA-30033	OL-0300-18	93-95	94	19.1									
OL-STA-30033	OL-0300-19	97-99	98	25.7									
OL-STA-30033	OL-0301-07	99-101	100	20.8	Non-Plastic			0	72.3	27.7	8	6	
OL-STA-30033	OL-0300-20	101-103	102	14.9									
OL-STA-30033	OL-0301-01	105-107	106	7.6									
OL-STA-30033	OL-0301-08	107-109	108	13.8	13	10	3	0.3	51.5	48.2	12	8	2.72

Table 4A
Lake Sediment Geotechnical Data Summary - Index Test Results

SMU 4 Index Test Results Summary

Location ID	Field Sample ID	Depth (ft)	Average Depth (ft)	Water Content (ASTM D2216) (%)	Atterberg Limits (ASTM D 4318)			Grain Size (ASTM D 422)					Specific Gravity (ASTM D 854)
					Liquid Limit	Plastic Limit	Plasticity Index	Percent Gravel (%)	Percent Sand (%)	Percent Fines (clay & silt) (%)	Clay-sized Particle Content (0.005 mm) (%)	Clay-sized Particle Content (0.002 mm) (%)	
OL-VC-40016	OL-0292-03	0.5-3.3	1.9	127.7									
OL-VC-40016	OL-0292-04	3.3-6.6	4.95	125.1									
OL-VC-40016	OL-0287-02	9.9-13.2	11.55	98.3	104	52	52	0	0.8	99.2	54	32	2.75
OL-VC-40016	OL-0292-05	13.2-16.5	14.85	77.3									
OL-VC-40016	OL-0302-06	13.2-16.5	14.85	75.61	86	39	47	0	0.6	99.4	72	48	
OL-VC-40016	OL-0287-03	16.5-19.8	18.15	69.5	79	43	36	0	0.5	99.5	62	35	
OL-VC-40017	OL-0287-04	0.5-3.3	1.9	102.5	53	36	17	0	0.2	99.8	20	11	2.78
OL-VC-40017	OL-0292-06	3.3-6.6	4.95	121.7									
OL-VC-40017	OL-0287-05	6.6-9.9	8.25	110.2	64	43	21	0	0.9	99.1	12	9	
OL-VC-40017	OL-0292-07	9.9-13.2	11.55	89									
OL-VC-40017	OL-0292-08	16.5-18.8	17.65	62.4									
OL-VC-40018	OL-0286-04	0-3.3	1.65	99.2	50	38	12	0	1	99	18	9	
OL-VC-40018	OL-0292-09	3.3-6.6	4.95	109									
OL-VC-40018	OL-0286-05	6.6-9.9	8.25	102.6	57	40	17	0	0.1	99.9	20	8	2.69
OL-VC-40018	OL-0292-10	9.9-13.2	11.55	112.2									
OL-VC-40018	OL-0292-11	13.2-16.5	14.85	85.6									
OL-VC-40018	OL-0286-06	16.5-18.6	17.55	79.9	102	44	58	0	0.8	99.2	44	27	
OL-VC-40019	OL-0288-07	0.5-3.3	1.9	89.7	52	33	19	0	1.5	98.5	33	14	
OL-VC-40019	OL-0279-05	3.3-6.6	4.95	97.6									
OL-VC-40019	OL-0279-06	6.6-9.9	8.25	126.1									
OL-VC-40019	OL-0288-08	9.9-13.2	11.55	103.2	54	38	16	0	1	99	13	7	
OL-VC-40019	OL-0279-07	13.2-16.5	14.85	115.6									
OL-VC-40019	OL-0288-09	16.5-19.8	18.15	102.3				0	0.6	99.4	15	8	
OL-VC-40021	OL-0286-02	0.5-3.3	1.9	92.7	57	36	21	0	1.7	98.3	26	9	
OL-VC-40021	OL-0280-08	3.3-6.6	4.95	89.7									
OL-VC-40021	OL-0302-07	3.3-6.6	4.95	77	53	29	24	0	1.2	98.8	45	24	2.67
OL-VC-40021	OL-0280-07	6.6-9.9	8.25	102.2									
OL-VC-40021	OL-0280-09	9.9-13.2	11.55	101.7									
OL-VC-40021	OL-0286-03	13.2-16.5	14.85	76	61	34	27	0	16.5	83.5	27	17	2.69
OL-VC-40021	OL-0280-10	16.5-19.4	17.95	76.3									
OL-VC-40022	OL-0288-05	0.5-3.3	1.9	91.8	55	34	21	0	1.6	98.4	34	15	
OL-VC-40022	OL-0292-18	3.3-6.6	4.95	87.8									
OL-VC-40022	OL-0292-19	6.6-9.9	8.25	87.1									
OL-VC-40022	OL-0293-01	9.9-13.2	11.55	79.1									
OL-VC-40022	OL-0288-06	13.2-16.5	14.85	83	86	50	36	0	12.1	87.9	30	16	2.7
OL-VC-40022	OL-0293-02	16.5-19.4	17.95	84.6									
OL-VC-40023	OL-0279-16	0.5-3.3	1.9	99.9									
OL-VC-40023	OL-0285-18	3.3-6.6	4.95	103.7	68	41	27	0	0.4	99.6	13	6	
OL-VC-40023	OL-0279-17	6.6-9.9	8.25	86.6									
OL-VC-40023	OL-0279-18	9.9-13.2	11.55	102.9									
OL-VC-40023	OL-0285-19	13.2-16.5	14.85	95.6	98	54	44	0	9.2	90.8	29	18	
OL-VC-40023	OL-0279-19	16.5-19	17.75	81.6									
OL-VC-40024	OL-0293-03	0.5-3.3	1.9	98.5									
OL-VC-40024	OL-0293-04	3.3-6.6	4.95	108.5									
OL-VC-40024	OL-0293-05	6.6-9.9	8.25	40									
OL-VC-40024	OL-0293-06	9.9-13.2	11.55	88.6									
OL-VC-40024	OL-0293-07	13.2-16.5	14.85	70.6									
OL-VC-40024	OL-0293-08	16.5-19.4	17.95	65.4									

Table 4A
Lake Sediment Geotechnical Data Summary - Index Test Results

SMU 4 Index Test Results Summary

Location ID	Field Sample ID	Depth (ft)	Average Depth (ft)	Water Content (ASTM D2216) (%)	Atterberg Limits (ASTM D 4318)			Grain Size (ASTM D 422)					Specific Gravity (ASTM D 854)
					Liquid Limit	Plastic Limit	Plasticity Index	Percent Gravel (%)	Percent Sand (%)	Percent Fines (clay & silt) (%)	Clay-sized Particle Content (0.005 mm) (%)	Clay-sized Particle Content (0.002 mm) (%)	
OL-VC-40025	OL-0286-16	0-3.3	1.65	130.1	49	44	5	0	3.6	96.4	19	9	
OL-VC-40025	OL-0279-20	3.3-6.6	4.95	139.8									
OL-VC-40025	OL-0302-08	3.3-6.6	4.95	123.8	57	36	21	0	0.5	99.5	18	11	
OL-VC-40025	OL-0280-01	6.6-9.9	8.25	96.5									
OL-VC-40025	OL-0286-17	9.9-13.2	11.55	107.9	48	43	5	0	1.2	98.8	17	8	
OL-VC-40025	OL-0280-02	13.2-16.5	14.85	178									
OL-VC-40025	OL-0286-18	16.5-19.8	18.15	48.9	71	42	29	0	3.2	96.8	19	11	
OL-VC-40026	OL-0291-19	0-3.3	1.65	79.8									
OL-VC-40026	OL-0287-15	3.3-6.6	4.95	99.4	44	40	4	0	3.7	96.3	25	11	
OL-VC-40026	OL-0291-20	6.6-9.9	8.25	100									
OL-VC-40026	OL-0287-16	9.9-13.2	11.55	106.4	53	41	12	0	0.9	99.1	29	13	
OL-VC-40026	OL-0292-01	13.2-16.5	14.85	110.2									
OL-VC-40026	OL-0292-02	16.5-19.8	18.15	120.8									
OL-VC-40027	OL-0287-12	0-3.3	1.65	90.2	50	35	15	3.5	5.7	90.8	28	14	
OL-VC-40027	OL-0291-16	3.3-6.6	4.95	110.4									
OL-VC-40027	OL-0287-13	6.6-9.9	8.25	142.7	62	49	13	0	1.6	98.4	34	13	
OL-VC-40027	OL-0291-17	9.9-13.2	11.55	135.6									
OL-VC-40027	OL-0291-18	13.2-16.5	14.85	107.5									
OL-VC-40027	OL-0287-14	16.5-19.7	18.1	102.9	58	40	18	0	1	99	20	8	
OL-VC-40028	OL-0280-06	16.5-19.8	18.15	93.5									
OL-VC-40029	OL-0293-09	0-3.3	1.65	94.5									
OL-VC-40029	OL-0288-04	3.3-6.6	4.95	66.3	52	32	20	0	2	98	39	19	
OL-VC-40029	OL-0288-03	9.9-13.2	11.55	91.8	52	39	13	0	1	99	33	13	
OL-VC-40029	OL-0293-10	13.2-16.5	14.85	89.8									
OL-VC-40029	OL-0293-11	16.5-18.9	17.7	85									
OL-VC-40030	OL-0278-13	0-3.3	1.65	85.9									
OL-VC-40030	OL-0278-14	3.3-6.6	4.95	91.4									
OL-VC-40030	OL-0278-15	6.6-9.9	8.25	218.6									
OL-VC-40030	OL-0287-07	9.9-13.2	11.55	98.6	51	33	18	1.6	39.7	58.7	15	10	2.57
OL-VC-40030	OL-0278-16	13.2-14.3	13.75	85.3									
OL-VC-40031	OL-0287-19	0-3.3	1.65	96.8	55	35	20	0	1.1	98.9	23	10	
OL-VC-40031	OL-0293-12	3.3-6.6	4.95	94.2									
OL-VC-40031	OL-0287-20	6.6-9.9	8.25	101.2	45	32	13	1.1	48.7	50.2	15	9	2.51
OL-VC-40031	OL-0293-13	9.9-13.1	11.5	94.5									
OL-VC-40032	OL-0285-20	0-3.3	1.65	139.1	58	40	18	0	4.8	95.2	19	11	
OL-VC-40032	OL-0278-19	3.3-6.6	4.95	278.2									
OL-VC-40032	OL-0278-20	6.6-9.9	8.25	103.2									
OL-VC-40032	OL-0286-01	9.9-13.2	11.55	82.3	81	44	37	0	2.9	97.1	27	17	
OL-VC-40032	OL-0279-01	13.2-16.5	14.85	70.4									
OL-VC-40032	OL-0302-09	13.2-16.5	14.85	69.49				0	17.3	82.7	28	23	2.53
OL-VC-40032	OL-0279-02	16.5-18.7	17.6	66.3									
OL-VC-40033	OL-0293-14	0-3.3	1.65	71.6									
OL-VC-40033	OL-0287-17	3.3-6.6	4.95	76				1.6	17.8	80.6	13	9	
OL-VC-40033	OL-0293-15	6.6-9.9	8.25	65.6									
OL-VC-40033	OL-0287-18	9.9-13.2	11.55	53.1	36	24	12	0	17.1	82.9	34	22	
OL-VC-40033	OL-0293-16	13.2-16.5	14.85	57.4									
OL-VC-40033	OL-0293-17	16.5-19.8	18.15	57.4									

Table 4A
Lake Sediment Geotechnical Data Summary - Index Test Results

SMU 4 Index Test Results Summary

Location ID	Field Sample ID	Depth (ft)	Average Depth (ft)	Water Content (ASTM D2216) (%)	Atterberg Limits (ASTM D 4318)			Grain Size (ASTM D 422)					Specific Gravity (ASTM D 854)
					Liquid Limit	Plastic Limit	Plasticity Index	Percent Gravel (%)	Percent Sand (%)	Percent Fines (clay & silt) (%)	Clay-sized Particle Content (0.005 mm) (%)	Clay-sized Particle Content (0.002 mm) (%)	
OL-VC-40034	OL-0293-18	0-3.3	1.65	77.9									
OL-VC-40034	OL-0287-08	3.3-6.6	4.95	72.1	45	32	13	5	22.1	72.9	15	9	
OL-VC-40034	OL-0293-19	6.6-9.9	8.25	68									
OL-VC-40034	OL-0293-20	9.9-13.2	11.55	50.8									
OL-VC-40034	OL-0287-09	13.2-16.5	14.85	56.7	37	24	13	0	10	90	38	25	
OL-VC-40034	OL-0294-01	16.5-17.8	17.15	64.4									
OL-VC-40034	OL-0302-10	16.5-17.8	17.15	70.11	44	28	16	0	24.3	75.7	44	33	
OL-VC-40035	OL-0280-11	0-3.3	1.65	86.6									
OL-VC-40035	OL-0280-12	3.3-6.6	4.95	89.9									
OL-VC-40035	OL-0287-06	6.6-9.9	8.25	92.4	54	36	18	0	29.3	70.7	24	15	
OL-VC-40035	OL-0280-13	9.9-13.2	11.55	78.9									
OL-VC-40035	OL-0280-14	13.2-16.5	14.85	86.8									
OL-VC-40035	OL-0280-15	16.5-19.8	18.15	74.1									
OL-VC-40036	OL-0280-03	0-3.3	1.65	78.7									
OL-VC-40036	OL-0286-19	3.3-6.6	4.95	36	40	30	10	0	27.8	72.2	17	7	
OL-VC-40036	OL-0280-04	6.6-9.9	8.25	74.2									
OL-VC-40036	OL-0280-05	9.9-13.2	11.55	90.3									
OL-VC-40036	OL-0286-20	13.2-16.5	14.85	35.9	54	45	9	6.1	24.2	69.7	13	6	
OL-VC-40036	OL-0287-01	16.5-17.3	16.9	114.8	Non-Plastic			0	31.5	68.5	18	7	
OL-VC-40037	OL-0286-07	0-3.3	1.65	56.1	42	33	9	0	5.1	94.9	16	5	
OL-VC-40037	OL-0279-03	3.3-6.6	4.95	85.5									
OL-VC-40037	OL-0286-08	6.6-9.9	8.25	90.5	44	41	3	0	1.7	98.3	27	12	
OL-VC-40037	OL-0304-05	9.9-13.2	11.55	80.4									
OL-VC-40037	OL-0279-04	13.2-16.5	14.85	142.1									
OL-VC-40037	OL-0286-09	16.5-19.8	18.15	114.3	69	45	24	0	0.3	99.7	36	9	
OL-VC-40038	OL-0286-10	0-3.3	1.65	90.5	51	40	11	2.3	22.6	75.1	6	4	
OL-VC-40038	OL-0280-16	3.3-6.6	4.95	73.8									
OL-VC-40038	OL-0286-11	6.6-9.9	8.25	69.6	44	30	14	1.4	38.7	59.9	18	9	
OL-VC-40038	OL-0280-17	9.9-13.2	11.55	76.2									
OL-VC-40038	OL-0280-18	13.2-16.5	14.85	81									
OL-VC-40038	OL-0286-12	16.5-19.8	18.15	109.6	46	39	7	0	19.6	80.4	17	14	
OL-VC-40039	OL-0279-08	0-3.3	1.65	56.3									
OL-VC-40039	OL-0288-01	3.3-6.6	4.95	80.9	47	34	13	0	16.2	83.8	29	12	
OL-VC-40039	OL-0279-09	6.6-9.9	8.25	83.3									
OL-VC-40039	OL-0288-02	9.9-13.2	11.55	99.6	48	38	10	0	1.6	98.4	19	9	
OL-VC-40039	OL-0279-10	13.2-16.5	14.85	100.6									
OL-VC-40039	OL-0279-11	16.5-19.8	18.15	93.6									
OL-VC-40040	OL-0292-12	0-3.3	1.65	100.2									
OL-VC-40040	OL-0292-13	3.3-6.6	4.95	109.3									
OL-VC-40040	OL-0292-14	6.6-9.9	8.25	114.5									
OL-VC-40040	OL-0292-15	9.9-13.2	11.55	129.3									
OL-VC-40040	OL-0292-16	13.2-16.5	14.85	113.3									
OL-VC-40040	OL-0292-17	16.5-19.8	18.15	115.9									

Table 4A
Lake Sediment Geotechnical Data Summary - Index Test Results

SMU 4 Index Test Results Summary

Location ID	Field Sample ID	Depth (ft)	Average Depth (ft)	Water Content (ASTM D2216) (%)	Atterberg Limits (ASTM D 4318)			Grain Size (ASTM D 422)					Specific Gravity (ASTM D 854)
					Liquid Limit	Plastic Limit	Plasticity Index	Percent Gravel (%)	Percent Sand (%)	Percent Fines (clay & silt) (%)	Clay-sized Particle Content (0.005 mm) (%)	Clay-sized Particle Content (0.002 mm) (%)	
OL-VC-40041	OL-0286-13	0-3.3	1.65	81.7	53	35	18						
OL-VC-40041	OL-0278-17	3.3-6.6	4.95	68.2									
OL-VC-40041	OL-0286-14	6.6-9.9	8.25	67.5	42	30	12	0.4	22.5	77.1	4	4	
OL-VC-40041	OL-0278-18	9.9-13.2	11.55	42.4									
OL-VC-40041	OL-0304-06	13.2-16.5	14.85	37.9									
OL-VC-40041	OL-0286-15	16.5-19.3	17.9	34.3	26	19	7	0	15.9	84.1	6	4	
OL-VC-40042	OL-0279-12	0-3.3	1.65	59.7									
OL-VC-40042	OL-0287-10	3.3-6.6	4.95	70.5	44	38	6	0	22.9	77.1	2	0	
OL-VC-40042	OL-0279-13	6.6-9.9	8.25	93.2									
OL-VC-40042	OL-0279-14	9.9-13.2	11.55	83.5									
OL-VC-40042	OL-0287-11	13.2-16.5	14.85	77.4	75	46	29	0	5.1	94.9	34	22	
OL-VC-40042	OL-0279-15	16.5-19.8	18.15	83.3									

SMU 5 Index Test Results Summary

Location ID	Field Sample ID	Depth (ft)	Average Depth (ft)	Water Content (ASTM D2216) (%)	Atterberg Limits (ASTM D 4318)			Grain Size (ASTM D 422)					Specific Gravity (ASTM D 854)
					Liquid Limit	Plastic Limit	Plasticity Index	Percent Gravel (%)	Percent Sand (%)	Percent Fines (clay & silt) (%)	Clay-sized Particle Content (0.005 mm) (%)	Clay-sized Particle Content (0.002 mm) (%)	
OL-VC-50001	OL-0282-03	0-0.5	0.25	90.2				0	87	13	4	2	
OL-VC-50002	OL-0273-16	0-0.5	0.25	59.7									
OL-VC-50003	OL-0273-17	0-0.5	0.25	72.9									
OL-VC-50004	OL-0282-04	0-0.5	0.25	83.2				0.4	92.5	7.1	3	2	
OL-VC-50005	OL-0282-05	0-0.5	0.25	82	Non-Plastic								2.7
OL-VC-50006	OL-0273-18	0-0.5	0.25	70.9									
OL-VC-50007	OL-0282-06	0-0.5	0.25	81	Non-Plastic								
OL-VC-50008	OL-0282-07	0-0.5	0.25	81.5	Non-Plastic								
OL-VC-50009	OL-0282-08	0-0.5	0.25	67.5				5.6	88.8	5.6	2	2	2.76
OL-VC-50010	OL-0273-19	0-0.5	0.25	17.5									
OL-VC-50011	OL-0273-20	0-0.5	0.25	94.3									
OL-VC-50013	OL-0274-01	0-0.5	0.25	152.4									
OL-VC-50014	OL-0282-09	0-0.5	0.25	171.7	89	46	43	0	7.7	92.3	15	10	
OL-VC-50015	OL-0274-02	0-0.5	0.25	173.1									
OL-VC-50016	OL-0282-10	0-0.5	0.25	185.7	89	44	45						

SMU 6 Index Test Results Summary

Location ID	Field Sample ID	Depth (ft)	Average Depth (ft)	Water Content (ASTM D2216) (%)	Atterberg Limits (ASTM D 4318)			Grain Size (ASTM D 422)					Specific Gravity (ASTM D 854)
					Liquid Limit	Plastic Limit	Plasticity Index	Percent Gravel (%)	Percent Sand (%)	Percent Fines (clay & silt) (%)	Clay-sized Particle Content (0.005 mm) (%)	Clay-sized Particle Content (0.002 mm) (%)	
OL-VC-60054	OL-0284-20	0.5-3.3	1.9	45.9	128	57	71	0	2.2	97.8	7	5	
OL-VC-60054	OL-0276-16	3.3-6.6	4.95	122.7									
OL-VC-60054	OL-0298-04	3.3-6.6	4.95	137.9	90	40	50	0	4.2	95.8	22	18	
OL-VC-60054	OL-0282-11	6.6-9.9	8.25	106.4	77	38	39	0	1.7	98.3	19	14	2.74
OL-VC-60054	OL-0276-17	9.9-13.2	11.55	86.6									
OL-VC-60054	OL-0276-18	13.2-16.5	14.85	81.1									
OL-VC-60054	OL-0282-12	16.5-18.5	17.5	83.6	86	38	48	0	0.8	99.2	37	23	2.8
OL-VC-60055	OL-0284-17	0.5-3.3	1.9	170.7	114	47	67	0	1	99	22	17	
OL-VC-60055	OL-0284-18	3.3-6.6	4.95	165.1	121	52	69	0	1.9	98.1	17	11	2.51
OL-VC-60055	OL-0276-13	6.6-9.9	8.25	96.8									
OL-VC-60055	OL-0276-14	9.9-13.2	11.55	93.1									
OL-VC-60055	OL-0276-15	13.2-16.5	14.85	96.8									
OL-VC-60055	OL-0284-19	16.5-19.3	17.9	85.2	86	45	41	0	1.1	98.9	33	18	
OL-VC-60056	OL-0276-03	0.5-3.3	1.9	156.5									
OL-VC-60056	OL-0298-02	0.5-3.3	1.9	158.9	95	36	59	0	1.3	98.7	29	19	
OL-VC-60056	OL-0283-01	3.3-6.6	4.95	143.7	118	46	72	0	2	98	20	17	2.49
OL-VC-60056	OL-0276-04	6.6-9.9	8.25	74									
OL-VC-60056	OL-0283-02	9.9-13.2	11.55	60	57	34	23	1.3	32.6	66.1	13	9	
OL-VC-60056	OL-0304-07	13.2-16.5	14.85	85.1									
OL-VC-60056	OL-0283-03	16.5-18.3	17.4	85.8	96	50	46	0.2	3.3	96.5	33	17	
OL-VC-60057	OL-0284-07	0.5-3.3	1.9	132.5	91	44	47	0	0.5	99.5	28	19	
OL-VC-60057	OL-0274-18	3.3-6.6	4.95	133.4									
OL-VC-60057	OL-0274-19	6.6-9.9	8.25	111.5									
OL-VC-60057	OL-0284-08	9.9-13.2	11.55	100.9	82	40	42	0	1.1	98.9	30	21	
OL-VC-60057	OL-0274-20	13.2-16.5	14.85	88.9									
OL-VC-60057	OL-0284-09	16.5-19.2	17.85	144.6	104	50	54	0	21.6	78.4	34	23	
OL-VC-60058	OL-0274-07	0.5-3.3	1.9	144.6									
OL-VC-60058	OL-0283-19	3.3-6.6	4.95	162.7	121	49	72	0	1.9	98.1	21	11	2.46
OL-VC-60058	OL-0274-08	6.6-9.9	8.25	117.9									
OL-VC-60058	OL-0283-20	9.9-13.2	11.55	111.6	89	45	44	0	2.9	97.1	21	14	
OL-VC-60058	OL-0274-09	13.2-16.5	14.85	88.2									
OL-VC-60058	OL-0284-10	16.5-19.2	17.85	86.6	82	39	43	0	3.3	96.7	38	27	
OL-VC-60059	OL-0283-04	0-3.3	1.65	96.8	49	40	9	0	37.2	62.8	16	10	2.67
OL-VC-60059	OL-0275-20	3.3-6.6	4.95	97.6									
OL-VC-60059	OL-0283-05	6.6-9.9	8.25	15	69	41	28	0	9.6	90.4	15	10	
OL-VC-60059	OL-0276-01	9.9-13.2	11.55	74.2									
OL-VC-60059	OL-0283-06	13.2-16.5	14.85	61.4	68	35	33	0	9.2	90.8	34	21	2.78
OL-VC-60059	OL-0276-02	16.5-19.4	17.95	56.9									

SMU 6 Index Test Results Summary

Location ID	Field Sample ID	Depth (ft)	Average Depth (ft)	Water Content (ASTM D2216) (%)	Atterberg Limits (ASTM D 4318)			Grain Size (ASTM D 422)					Specific Gravity (ASTM D 854)
					Liquid Limit	Plastic Limit	Plasticity Index	Percent Gravel (%)	Percent Sand (%)	Percent Fines (clay & silt) (%)	Clay-sized Particle Content (0.005 mm) (%)	Clay-sized Particle Content (0.002 mm) (%)	
OL-VC-60060	OL-0275-11	0-3.3	1.65	102.6									
OL-VC-60060	OL-0284-11	3.3-6.6	4.95	113.2	78	48	30	0	17.6	82.4	17	13	
OL-VC-60060	OL-0275-12	6.6-9.9	8.25	98.6									
OL-VC-60060	OL-0284-12	9.9-13.2	11.55	85.7	75	44	31	0	10	90	31	18	
OL-VC-60060	OL-0275-13	13.2-16.5	14.85	80.6									
OL-VC-60060	OL-0284-13	16.5-19.8	18.15	61.5	74	45	29	0	4.7	95.3	36	23	
OL-VC-60061	OL-0284-14	0-3.3	1.65	107.3	78	42	36	0	17.3	82.7	16	13	
OL-VC-60061	OL-0275-08	3.3-6.6	4.95	82.8									
OL-VC-60061	OL-0275-09	6.6-9.9	8.25	87.9									
OL-VC-60061	OL-0284-15	9.9-13.2	11.55	84.8	81	45	36	0.2	15.1	84.7	24	15	2.66
OL-VC-60061	OL-0275-10	13.2-16.5	14.85	82									
OL-VC-60061	OL-0298-03	13.2-16.5	14.85	75.51	75	41	34	0	15.5	84.5	29	19	
OL-VC-60061	OL-0284-16	16.5-19.7	18.1	69.8	72	39	33	0	10.9	89.1	31	19	
OL-VC-60062	OL-0274-14	0-3.3	1.65	91.3									
OL-VC-60062	OL-0283-17	3.3-6.6	4.95	53.6	46	29	17	0.5	26.3	73.2	10	8	
OL-VC-60062	OL-0274-15	6.6-9.9	8.25	72.2									
OL-VC-60062	OL-0274-16	9.9-13.2	11.55	83.8									
OL-VC-60062	OL-0283-18	13.2-16.5	14.85	78.8	83	45	38	0	4.8	95.2	35	22	
OL-VC-60062	OL-0274-17	16.5-17.8	17.15	65									
OL-VC-60063	OL-0274-10	0-3.3	1.65	126.4									
OL-VC-60063	OL-0274-11	3.3-6.6	4.95	100.8									
OL-VC-60063	OL-0284-01	6.6-9.9	8.25	89.2	68	43	25	0	10.9	89.1	20	16	
OL-VC-60063	OL-0274-12	9.9-13.2	11.55	92.9									
OL-VC-60063	OL-0284-02	13.2-16.5	14.85	75.3	68	39	29	0	8.1	91.9	33	21	
OL-VC-60063	OL-0274-13	16.5-19.8	18.15	88.6									
OL-VC-60064	OL-0275-04	0-3.3	1.65	104.5									
OL-VC-60064	OL-0298-06	0–3.3	1.65	112.3	74	37	37	0	8.9	91.1	28	20	2.53
OL-VC-60064	OL-0284-03	3.3-6.6	4.95	91	71	37	34	0	8.5	91.5	8	4	
OL-VC-60064	OL-0275-05	6.6-9.9	8.25	95.4									
OL-VC-60064	OL-0284-04	9.9-13.2	11.55	98.8	94	55	39	0	10.2	89.8	25	17	
OL-VC-60064	OL-0275-06	13.2-16.5	14.85	92.3									
OL-VC-60064	OL-0275-07	16.5-19	17.75	86.9									
OL-VC-60065	OL-0284-05	0-3.3	1.65	127.7	82	42	40	0	2.6	97.4	24	16	
OL-VC-60065	OL-0275-01	3.3-6.6	4.95	120.5									
OL-VC-60065	OL-0284-06	6.6-9.9	8.25	99	75	43	32	0	6.2	93.8	28	19	
OL-VC-60065	OL-0275-02	9.9-13.2	11.55	86.4									
OL-VC-60065	OL-0275-03	13.2-16.5	14.85	78.2									
OL-VC-60066	OL-0283-07	0-3.3	1.65	81.6	38	32	6	20.3	47.5	32.2	11	8	
OL-VC-60066	OL-0276-05	3.3-6.6	4.95	74.8									
OL-VC-60066	OL-0283-08	6.6-9.9	8.25	64.3	47	30	17	2.3	34.9	62.8	22	15	
OL-VC-60066	OL-0276-06	9.9-13.2	11.55	71.5									
OL-VC-60066	OL-0276-07	13.2-16.5	14.85	43.5									
OL-VC-60066	OL-0276-08	16.5-19.9	18.2	45.3									

SMU 6 Index Test Results Summary

Location ID	Field Sample ID	Depth (ft)	Average Depth (ft)	Water Content (ASTM D2216) (%)	Atterberg Limits (ASTM D 4318)			Grain Size (ASTM D 422)					Specific Gravity (ASTM D 854)
					Liquid Limit	Plastic Limit	Plasticity Index	Percent Gravel (%)	Percent Sand (%)	Percent Fines (clay & silt) (%)	Clay-sized Particle Content (0.005 mm) (%)	Clay-sized Particle Content (0.002 mm) (%)	
OL-VC-60067	OL-0274-03	0-3.3	1.65	91.6									
OL-VC-60067	OL-0283-15	3.3-6.6	4.95	98	50	38	12	0	32.4	67.6	16	10	
OL-VC-60067	OL-0274-04	6.6-9.9	8.25	97.9									
OL-VC-60067	OL-0274-05	9.9-13.2	11.55	85									
OL-VC-60067	OL-0283-16	13.2-16.5	14.85	81.4	58	38	20	0	8	92	44	27	
OL-VC-60067	OL-0274-06	16.5-19.9	18.2	66									
OL-VC-60068	OL-0283-09	0-3.3	1.65	50.4	36	27	9	0.5	71.7	27.8	9	7	
OL-VC-60068	OL-0275-17	3.3-6.6	4.95	53.6									
OL-VC-60068	OL-0283-10	6.6-9.9	8.25	98.8	56	34	22	0.3	19.8	79.9	26	17	2.72
OL-VC-60068	OL-0275-18	9.9-13.2	11.55	60.8									
OL-VC-60068	OL-0275-19	13.2-16.5	14.85	66.2									
OL-VC-60068	OL-0283-11	16.5-18.7	17.6	69.7	72	40	32	0.4	7.4	92.2	28	16	
OL-VC-60069	OL-0283-12	0-3.3	1.65	39.8	Non-Plastic			0	87.1	12.9	5	4	
OL-VC-60069	OL-0275-14	3.3-6.6	4.95	52.6									
OL-VC-60069	OL-0275-15	6.6-9.9	8.25	54.9									
OL-VC-60069	OL-0283-13	9.9-13.2	11.55	64.1	54	37	17	0	11.6	88.4	22	14	
OL-VC-60069	OL-0275-16	13.2-16.5	14.85	64									
OL-VC-60069	OL-0283-14	16.5-19.6	18.05	71.6	72	42	30	0	9	91	29	19	
OL-VC-60070	OL-0282-13	0-3.3	1.65	80.4	Non-Plastic			0.1	58.2	41.7	8	6	
OL-VC-60070	OL-0276-09	3.3-6.6	4.95	74.5									
OL-VC-60070	OL-0276-10	6.6-9.9	8.25	84.8									
OL-VC-60070	OL-0282-14	9.9-13.2	11.55	81.9	Non-Plastic			0	18.1	81.9	16	10	
OL-VC-60070	OL-0276-11	13.2-16.5	14.85	80.7									
OL-VC-60070	OL-0276-12	16.5-20	18.25	48.7									

SMU 7 Index Test Results Summary

Location ID	Field Sample ID	Depth (ft)	Average Depth (ft)	Water Content (ASTM D2216) (%)	Atterberg Limits (ASTM D4318)			Grain Size (ASTM D422)					Specific Gravity (ASTM D854)
					Liquid Limit (%)	Plastic Limit (%)	Plasticity Index (%)	Percent Gravel (%)	Percent Sand (%)	Percent Fines (clay & silt) (%)	Clay-sized Particle Content (0.005 mm) (%)	Clay-sized Particle Content (0.002 mm) (%)	
OL-VC-70016	OL-0235-12	0-3.3	1.65	162.6	98	41	57	0	0.9	99.1	30	21	2.53
OL-VC-70016	OL-0233-09	3.3-6.6	4.95	203									
OL-VC-70016	OL-0233-10	6.6-9.9	8.25	134.7									
OL-VC-70016	OL-0235-13	9.9-13.2	11.55	156.5	70	50	20	0.3	2	97.7	32	16	2.61
OL-VC-70016	OL-0233-11	16.5-19.2	17.85	109.3									
OL-VC-70017	OL-0233-12	0-3.3	1.65	226.7									
OL-VC-70017	OL-0235-14	3.3-6.6	4.95	207	109	60	49	0.3	1.4	98.3	35	14	2.59
OL-VC-70017	OL-0233-13	6.6-9.9	8.25	148.3									
OL-VC-70017	OL-0233-14	9.9-13.2	11.55	180.1									
OL-VC-70017	OL-0233-15	13.2-16.5	14.85	150.8									
OL-VC-70017	OL-0233-16	16.5-19.8	18.15	120.9									
OL-VC-70018	OL-0233-17	0-3.3	1.65	215.3									
OL-VC-70018	OL-0235-15	3.3-6.6	4.95	111.4	77	42	35	0	2.8	97.2	18	11	
OL-VC-70018	OL-0233-18	6.6-9.9	8.25	157.3									
OL-VC-70018	OL-0233-19	9.9-13.2	11.55	153.5									
OL-VC-70018	OL-0235-16	13.2-16.5	14.85	101.3	74	42	32	0	2.6	97.4	7	5	
OL-VC-70018	OL-0233-20	16.5-19.6	18.05	105.5									
OL-VC-70019	OL-0234-01	0-3.3	1.65	146.3									
OL-VC-70019	OL-0234-02	3.3-6.6	4.95	118.3									
OL-VC-70019	OL-0235-17	6.6-9.9	8.25	107.7	85	44	41	0	1.1	98.9	7	5	2.52
OL-VC-70019	OL-0234-03	13.2-16.5	14.85	95.3									
OL-VC-70019	OL-0235-18	16.5-19	17.75	78.3	62	36	26	0	4.5	95.5	34	23	
OL-VC-70020	OL-0234-04	0-3.3	1.65	177.7									
OL-VC-70020	OL-0234-06	3.3-6.6	4.95	133.5									
OL-VC-70020	OL-0234-05	6.6-9.9	8.25	104.4									
OL-VC-70020	OL-0234-07	9.9-13.2	11.55	102.3									
OL-VC-70020	OL-0235-19	13.2-16.5	14.85	97.3	65	39	26	0	2.2	97.8	9	6	
OL-VC-70020	OL-0234-08	16.5-19.2	17.85	86.5									
OL-VC-70021	OL-0234-09	0-3.3	1.65	130.7									
OL-VC-70021	OL-0234-10	3.3-6.6	4.95	103									
OL-VC-70021	OL-0235-20	6.6-9.9	8.25	138.9	64	50	14	0.2	0.9	98.9	25	9	
OL-VC-70021	OL-0234-11	9.9-13.2	11.55	141.7									
OL-VC-70021	OL-0234-12	13.2-16.5	14.85	106.2									
OL-VC-70021	OL-0234-13	16.5-19.8	18.15	89.6									
OL-VC-70022	OL-0236-01	0-3.3	1.65	134.1	97	48	49	0	3.9	96.1	8	6	
OL-VC-70022	OL-0234-14	3.3-6.6	4.95	99.1									
OL-VC-70022	OL-0234-15	6.6-9.9	8.25	96.7									
OL-VC-70022	OL-0234-16	9.9-13.2	11.55	93.9									
OL-VC-70022	OL-0234-17	13.2-16.5	14.85	79.3									
OL-VC-70022	OL-0297-04	13.2-16.5	14.85	83.2	71	36	35	0	3	97	20	16	2.58
OL-VC-70022	OL-0236-02	16.5-19.2	17.85	78.6	65	38	27	0	11.9	88.1	32	20	

SMU 7 Index Test Results Summary

Location ID	Field Sample ID	Depth (ft)	Average Depth (ft)	Water Content (ASTM D2216) (%)	Atterberg Limits (ASTM D4318)			Grain Size (ASTM D422)					Specific Gravity (ASTM D854)
					Liquid Limit (%)	Plastic Limit (%)	Plasticity Index (%)	Percent Gravel (%)	Percent Sand (%)	Percent Fines (clay & silt) (%)	Clay-sized Particle Content (0.005 mm) (%)	Clay-sized Particle Content (0.002 mm) (%)	
OL-VC-70023	OL-0234-18	0-3.3	1.65	109.1									
OL-VC-70023	OL-0234-19	3.3-6.6	4.95	69.7									
OL-VC-70023	OL-0236-04	9.9-13.2	11.55	108.4	71	39	32	0	0.8	99.2	26	11	
OL-VC-70023	OL-0234-20	13.2-16.5	14.85	117									
OL-VC-70023	OL-0235-01	16.5-19.5	18	92.1									
OL-VC-70024	OL-0235-02	0-3.3	1.65	133.9									
OL-VC-70024	OL-0235-03	3.3-6.6	4.95	114.7									
OL-VC-70024	OL-0235-04	6.6-9.9	8.25	94.6									
OL-VC-70024	OL-0236-05	9.9-13.2	11.55	93.5	65	41	24	0	3.3	96.7	13	7	
OL-VC-70024	OL-0235-05	13.2-16.5	14.85	87.4									
OL-VC-70024	OL-0235-06	16.5-18.5	17.5	85.7									
OL-VC-70025	OL-0290-19	0-3.3	1.65	81.8									
OL-VC-70025	OL-0288-19	3.3-6.6	4.95	67.9				0	62.1	37.9	6	3	
OL-VC-70025	OL-0288-20	6.6-9.9	8.25	92.9				0	28.8	71.2	14	10	2.64
OL-VC-70025	OL-0290-20	9.9-13.2	11.55	81.9									
OL-VC-70025	OL-0289-01	13.2-16.5	14.85	91.8	75	47	28						
OL-VC-70025	OL-0289-02	16.5-18	17.25	82.5	83	51	32	0	14.2	85.8	26	18	
OL-VC-70026	OL-0291-01	0-3.3	1.65	64.2									
OL-VC-70026	OL-0288-10	3.3-6.6	4.95	92.9				0	38.7	61.3	20	14	
OL-VC-70026	OL-0291-02	6.6-9.9	8.25	80.6									
OL-VC-70026	OL-0288-11	9.9-13.2	11.55	78.3				0	17.5	82.5	14	9	
OL-VC-70026	OL-0291-03	13.2-16.5	14.85	79.2									
OL-VC-70026	OL-0288-12	16.5-19.8	18.15	97.7	58	38	20	0	1	99	41	25	
OL-VC-70027	OL-0291-04	0-3.3	1.65	61.7									
OL-VC-70027	OL-0288-13	3.3-6.6	4.95	83.6				0	42.7	57.3	9	7	
OL-VC-70027	OL-0291-15	6.6-9.9	8.25	83.6									
OL-VC-70027	OL-0288-14	9.9-13.2	11.55	52.4				0	27.2	72.8	13	9	
OL-VC-70027	OL-0291-05	13.2-16.5	14.85	97.4									
OL-VC-70027	OL-0288-15	16.5-19.8	18.15	102.8	60	42	18	0	15.4	84.6	21	13	
OL-VC-70028	OL-0289-03	0-3.3	1.65	50.8				0	65.8	34.2	8	6	
OL-VC-70028	OL-0291-06	3.3-6.6	4.95	77.7									
OL-VC-70028	OL-0289-04	6.6-9.9	8.25	41.9				0	28.4	71.6	10	8	
OL-VC-70028	OL-0291-07	9.9-13.2	11.55	75.1									
OL-VC-70028	OL-0289-05	13.2-16.5	14.85	89.9	54	38	16	0	16.8	83.2	19	14	
OL-VC-70028	OL-0291-08	16.5-19.6	18.05	88.1									
OL-VC-70029	OL-0291-09	0-3.3	1.65	66									
OL-VC-70029	OL-0289-06	3.3-6.6	4.95	54.5				0	33.1	66.9	8	5	2.59
OL-VC-70029	OL-0291-10	6.6-9.9	8.25	79									
OL-VC-70029	OL-0289-07	9.9-13.2	11.55	93.9				0	29.2	70.8	16	10	
OL-VC-70029	OL-0291-11	13.2-16.5	14.85	82.4									
OL-VC-70029	OL-0289-08	16.5-19.8	18.15	93.9	58	39	19	0	11.8	88.2	31	21	

SMU 7 Index Test Results Summary

Location ID	Field Sample ID	Depth (ft)	Average Depth (ft)	Water Content (ASTM D2216) (%)	Atterberg Limits (ASTM D4318)			Grain Size (ASTM D422)					Specific Gravity (ASTM D854)
					Liquid Limit (%)	Plastic Limit (%)	Plasticity Index (%)	Percent Gravel (%)	Percent Sand (%)	Percent Fines (clay & silt) (%)	Clay-sized Particle Content (0.005 mm) (%)	Clay-sized Particle Content (0.002 mm) (%)	
OL-VC-70030	OL-0288-16	0-3.3	1.65	84.8	50	36	14	1.2	37.3	61.5	21	14	
OL-VC-70030	OL-0291-12	3.3-6.6	4.95	76.9									
OL-VC-70030	OL-0288-17	6.6-9.9	8.25	77.3				0	18.9	81.1	18	12	
OL-VC-70030	OL-0291-13	9.9-13.2	11.55	81.5									
OL-VC-70030	OL-0291-14	13.2-16.5	14.85	92.5									
OL-VC-70030	OL-0288-18	16.5-19.8	18.15	75	51	40	11	0	15.3	84.7	18	12	
OL-VC-70031	OL-0235-07	0-3.3	1.65	168.4									
OL-VC-70031	OL-0297-03	0-3.3	1.65	163.3	103	45	58	0	2.2	97.8	29	19	
OL-VC-70031	OL-0236-06	3.3-6.6	4.95	161.8	128	47	81	0	3.8	96.2	18	15	2.49
OL-VC-70031	OL-0235-08	6.6-9.9	8.25	112.7									
OL-VC-70031	OL-0235-09	9.9-13.2	11.55	107.1									
OL-VC-70031	OL-0235-10	13.2-16.5	14.85	78.9									
OL-VC-70031	OL-0235-11	16.5-18.2	17.35	73.1									

SMU 8 Index Test Results Summary

Location ID	Field Sample ID	Depth (ft)	Average Depth (ft)	Water Content (ASTM D2216) (%)	Atterberg Limits (ASTM D 4318)			Grain Size (ASTM D 422)					Specific Gravity (ASTM D 854)
					Liquid Limit	Plastic Limit	Plasticity Index	Percent Gravel (%)	Percent Sand (%)	Percent Fines (clay & silt) (%)	Clay-sized Particle Content (0.005 mm) (%)	Clay-sized Particle Content (0.002 mm) (%)	
OL-VC-80023	OL-0273-03	0-0.5	0.25	260.6									
OL-VC-80024	OL-0281-06	0-0.5	0.25	309.5	125	51	74	0	0.5	99.5	27	19	2.68
OL-VC-80025	OL-0272-18	0-0.5	0.25	281.6									
OL-VC-80026	OL-0281-05	0-0.5	0.25	548.4	105	45	60	0	0.6	99.4	25	19	
OL-VC-80027	OL-0273-02	0-0.5	0.25	265.7									
OL-VC-80028	OL-0281-07	0.5-3.3	1.9	206.4	105	48	57	0	0.5	99.5	31	20	2.65
OL-VC-80028	OL-0271-15	3.3-6.6	4.95	143.1									
OL-VC-80028	OL-0303-06	3.3-6.6	4.95	109	64	37	27	0	0.8	99.2	17	11	
OL-VC-80028	OL-0304-04	6.6-9.9	8.25	161.1									
OL-VC-80028	OL-0271-16	9.9-13.2	11.55	93.4									
OL-VC-80028	OL-0271-17	13.2-16.5	14.85	85.2									
OL-VC-80028	OL-0271-18	16.5-17.2	16.85	80.1									
OL-VC-80029	OL-0281-08	3.3-6.6	4.95	123.3	79	55	24	0	6	94	27	10	2.57
OL-VC-80029	OL-0271-11	6.6-9.9	8.25	227.9									
OL-VC-80029	OL-0271-12	9.9-13.2	11.55	103.4									
OL-VC-80029	OL-0271-13	13.2-16.5	14.85	134									
OL-VC-80029	OL-0271-14	16.5-20	18.25	171.3									
OL-VC-80030	OL-0281-17	3.3-6.6	4.95	232	99	61	38	0	1.5	98.5	29	11	
OL-VC-80030	OL-0272-03	6.6-9.9	8.25	172									
OL-VC-80030	OL-0272-04	9.9-13.2	11.55	176.8									
OL-VC-80030	OL-0303-04	9.9-13.2	11.55	176	95	61	34	0.1	1.3	98.6	41	17	2.6
OL-VC-80030	OL-0272-05	13.2-16.5	14.85	159.3									
OL-VC-80030	OL-0272-06	16.5-20	18.25	150.1									
OL-VC-80031	OL-0272-07	0-0.5	0.25	161.3									
OL-VC-80031	OL-0272-08	0.5-3.3	1.9	238.1									
OL-VC-80031	OL-0272-09	3.3-6.6	4.95	185.6									
OL-VC-80031	OL-0303-05	3.3-6.6	4.95	179.4	80	45	35	0.4	1.3	98.3	34	13	2.55
OL-VC-80031	OL-0272-10	6.6-9.9	8.25	141.2									
OL-VC-80031	OL-0272-11	9.9-13.2	11.55	168.4									
OL-VC-80031	OL-0272-12	13.2-16.5	14.85	140.1									
OL-VC-80031	OL-0272-13	16.5-20	18.25	148.5									
OL-VC-80032	OL-0281-04	0.5-3.3	1.9	186.2	120	45	75	0	1.2	98.8	20	13	2.5
OL-VC-80032	OL-0272-14	6.6-9.9	8.25	163.4									
OL-VC-80032	OL-0272-15	9.9-13.2	11.55	143.4									
OL-VC-80032	OL-0272-16	13.2-16.5	14.85	99.3									
OL-VC-80032	OL-0272-17	16.5-18.4	17.45	106									
OL-VC-80033	OL-0281-09	0-0.5	0.25	211.2	115	47	68	0	0.8	99.2	33	22	2.62
OL-VC-80033	OL-0271-01	3.3-6.6	4.95	147.9									
OL-VC-80033	OL-0271-02	6.6-9.9	8.25	49.1									
OL-VC-80033	OL-0271-03	9.9-13.2	11.55	199.2									
OL-VC-80033	OL-0271-04	13.2-16.5	14.85	115.4									
OL-VC-80033	OL-0271-05	16.5-19.7	18.1	139.1									

SMU 8 Index Test Results Summary

Location ID	Field Sample ID	Depth (ft)	Average Depth (ft)	Water Content (ASTM D2216) (%)	Atterberg Limits (ASTM D 4318)			Grain Size (ASTM D 422)					Specific Gravity (ASTM D 854)
					Liquid Limit	Plastic Limit	Plasticity Index	Percent Gravel (%)	Percent Sand (%)	Percent Fines (clay & silt) (%)	Clay-sized Particle Content (0.005 mm) (%)	Clay-sized Particle Content (0.002 mm) (%)	
OL-VC-80034	OL-0281-10	0-0.5	0.25	215.6	113	49	64	0	0.7	99.3	25	17	
OL-VC-80034	OL-0304-08	0.5-3.3	1.9	232.5	161	49	112	0	1.4	98.6	8	7	
OL-VC-80034	OL-0271-06	3.3-6.6	4.95	181.4									
OL-VC-80034	OL-0271-07	6.6-9.9	8.25	174.4									
OL-VC-80034	OL-0271-08	9.9-13.2	11.55	113.1									
OL-VC-80034	OL-0271-09	13.2-16.5	14.85	198.4									
OL-VC-80034	OL-0271-10	16.5-19.6	18.05	9.1									

SMU 8 Index Test Results Summary

Location ID	Field Sample ID	Depth (ft)	Average Depth (ft)	Water Content (ASTM D2216) (%)	Atterberg Limits (ASTM D 4318)			Grain Size (ASTM D 422)					Specific Gravity (ASTM D 854)
					Liquid Limit	Plastic Limit	Plasticity Index	Percent Gravel (%)	Percent Sand (%)	Percent Fines (clay & silt) (%)	Clay-sized Particle Content (0.005 mm) (%)	Clay-sized Particle Content (0.002 mm) (%)	
OL-VC-80035	OL-0281-18	0-0.5	0.25	219.2	103	48	55	0	2.1	97.9	25	19	2.73
OL-VC-80035	OL-0273-11	3.3-6.6	4.95	186.6									
OL-VC-80035	OL-0273-12	6.6-9.9	8.25	179.7									
OL-VC-80035	OL-0273-13	9.9-13.2	11.55	122.5									
OL-VC-80035	OL-0273-14	13.2-16.5	14.85	102.4									
OL-VC-80035	OL-0273-15	16.5-19	17.75	88.5									
OL-VC-80036	OL-0281-19	0-0.5	0.25	269.4	113	52	61	0	0.8	99.2	13	10	
OL-VC-80036	OL-0273-07	3.3-6.6	4.95	140.7									
OL-VC-80036	OL-0281-20	6.6-9.9	8.25	137	69	44	25	0	1.1	98.9	16	9	
OL-VC-80036	OL-0273-08	9.9-13.2	11.55	101.8									
OL-VC-80036	OL-0273-09	13.2-16.5	14.85	89.4									
OL-VC-80036	OL-0304-09	13.2-16.5	14.85		78	37	41	0.1	0.7	99.2	7	6	
OL-VC-80036	OL-0273-10	16.5-18.5	17.5	104.4									
OL-VC-80037	OL-0281-03	0-0.5	0.25	228.6	108	48	60	0	1.7	98.3	12	7	
OL-VC-80037	OL-0271-19	0.5-3.3	1.9	186.2									
OL-VC-80037	OL-0303-02	0-3.3	1.65	166	100	43	57	0	1	99	19	14	2.52
OL-VC-80038	OL-0281-02	0.5-3.3	1.9	172.6	115	46	69	0	1.2	98.8	21	12	2.72
OL-VC-80039	OL-0281-11	0-0.5	0.25	192.7	109	52	57	0	1.3	98.7	21	12	
OL-VC-80040	OL-0281-12	0.5-3.3	1.9	154.4	87	50	37	0	1.5	98.5	12	9	2.66
OL-VC-80041	OL-0271-20	0.5-3.3	1.9	210									
OL-VC-80041	OL-0303-03	0-3.3	1.65	219.6	143	45	98	0	0.9	99.1	12	9	2.49
OL-VC-80042	OL-0281-01	0.5-3.3	1.9	176.7	94	46	48	0	6.8	93.2	7	6	
OL-VC-80044	OL-0281-13	0.5-3.3	1.9	192.3	125	50	75	0	0.9	99.1	9	7	
OL-VC-80045	OL-0281-14	0-0.5	0.25	210	124	51	73	0	1.4	98.6	24	14	
OL-VC-80046	OL-0281-15	0-0.5	0.25	152.1	88	49	39	0	0.6	99.4	17	9	
OL-VC-80047	OL-0273-01	0-0.5	0.25	193.4									
OL-VC-80047	OL-0281-16	0.5-3.3	1.9	122.2	65	40	25	0	0.5	99.5	8	5	
OL-VC-80047	OL-0303-01	0-3.3	1.65	141									
OL-VC-80048	OL-0272-19	0-0.5	0.25	110.8									
OL-VC-80048	OL-0272-20	0.5-3.3	1.9	143.2									
OL-VC-80049	OL-0272-01	0-0.5	0.25	248.1									
OL-VC-80049	OL-0272-02	0.5-3.3	1.9	234.5									
OL-VC-80050	OL-0273-04	0-0.5	0.25	176.9									
OL-VC-80050	OL-0273-05	0.5-3.3	1.9	167.8									
OL-VC-80050	OL-0282-01	3.3-6.6	4.95	56.7	84	48	36	0	0.6	99.4	10	5	

SMU 8 Index Test Results Summary

Location ID	Field Sample ID	Depth (ft)	Average Depth (ft)	Water Content (ASTM D2216) (%)	Atterberg Limits (ASTM D 4318)			Grain Size (ASTM D 422)					Specific Gravity (ASTM D 854)
					Liquid Limit	Plastic Limit	Plasticity Index	Percent Gravel (%)	Percent Sand (%)	Percent Fines (clay & silt) (%)	Clay-sized Particle Content (0.005 mm) (%)	Clay-sized Particle Content (0.002 mm) (%)	
OL-VC-80050	OL-0273-06	6.6-9.9	8.25	131.4									
OL-VC-80050	OL-0282-02	13.2-16.5	14.85	119.9	117	51	66	0	1.1	98.9	31	22	
OL-VC-80050	OL-0304-02	16.5-17	16.75	91.4									
OL-VC-80051	OL-0304-01	0.5-3.3	1.9	189.1	126	44	82	0	0.8	99.2	13	10	
OL-VC-80051	OL-0304-03	3.3-6.6	4.95	169.3									

Seepage Induced Consolidation Test Results

			SICT Parameters				
Location ID	Field Sample ID	Depth	A	B	Z(kPa)	C (m/sec)	D
OL-VC-60064	OL-0298-06	0.0' – 3.3'	3.1	-0.17	0.031	3.10E-10	3.9
OL-VC-70031	OL-0297-03	0.0'- 3.3'	4.7	-0.194	0.109	8.10E-11	3.74
OL-VC-80041	OL-0303-03	0.0'- 3.3'	5.97	-0.22	0.18	4.10E-11	3.42
OL-VC-20079	OL-0297-02	0.0'-3.3'	4.17	-0.205	0.823	7.90E-09	2.29
OL-VC-30040	OL-0302-04	0.0'-3.3'	7.23	-0.114	0.039	9.60E-12	6.33
OL-VC-80037	OL-0303-02	0.0'-3.3'	4.26	-0.207	0.081	7.40E-11	4.03
OL-VC-80047	OL-0303-01	0.0'-3.3'	4.72	-0.208	0.14	2.70E-10	4.37
OL-VC-60056	OL-0298-02	0.5' - 3.3'	4.15	-0.202	0.15	1.70E-10	3.79
OL-VC-10105	OL-0296-06	0-3.3'	6.62	-0.104	0.073	4.90E-10	4.4
OL-VC-60061	OL-0298-03	13.2' - 16.5'	3.46	-0.178	0.091	4.80E-10	4.17
OL-VC-10081A	OL-0296-05	13.2'-16.5'	8.19	-0.104	0.008	1.30E-11	5.2
OL-VC-20074	OL-0297-01	13.2'-16.5'	3.51	-0.13	0.015	1.90E-10	3.56
OL-VC-30043	OL-0302-05	13.2'-16.5'	3.3	-0.149	0.041	2.50E-09	4.11
OL-VC-40016	OL-0302-06	13.2'-16.5'	3.73	-0.184	0.082	2.50E-10	3.09
OL-VC-40032	OL-0302-09	13.2'-16.5'	3.88	-0.167	0.076	8.00E-11	5.17
OL-VC-70022	OL-0297-04	13.2'-16.5'	3.28	-0.146	0.028	2.30E-10	4.82
OL-VC-40034	OL-0302-10	16.5'-17.8'	2.29	-0.127	0.054	1.60E-09	3.44
OL-VC-60054	OL-0298-04	3.3' - 6.6'	4.13	-0.218	0.11	1.70E-10	3.67
OL-VC-10062A	OL-0296-03	3.3'- 6.6'	6.16	-0.103	0.006	1.80E-10	4.26
OL-VC-30038	OL-0302-03	3.3'- 6.6'	6.2	-0.116	0.00037	5.40E+11	5.29
OL-VC-40021	OL-0302-07	3.3'-6.6'	2.64	-0.146	0.081	2.40E-09	3.28
OL-VC-40025	OL-0302-08	3.3'-6.6'	3.76	-0.099	0.077	3.90E-09	3.63
OL-VC-80028	OL-0303-06	3.3'-6.6'	3.35	-0.134	0.071	1.30E-09	3.6
OL-VC-80031	OL-0303-05	3.3'-6.6'	5.91	-0.169	0.091	5.60E-10	4.1
OL-STA-30033	OL-0298-01	35.0' - 37.0'	4.95	-0.247	1.153	2.00E-09	2.49
OL-STA-10108	OL-0298-05	47.0' – 49.0'	8.05	-0.298	6.727	9.90E-11	3.67
OL-VC-30036	OL-0302-02	6.6'-9.9'	4.92	-0.149	0.018	1.80E-10	4.19
OL-VC-10037	OL-0296-01	9.9'-13.2'	6.39	-0.133	0.017	8.70E-10	3.22
OL-VC-10038	OL-0296-02	9.9'-13.2'	7.89	-0.107	0.008	6.30E-12	5.19
OL-VC-10080	OL-0296-04	9.9'-13.2'	8.5	-0.114	0.424	1.80E-10	4.44
OL-VC-20070	OL-0302-01	9.9'-13.2'	1.77	-0.137	0.051	1.70E-08	2.65
OL-VC-80030	OL-0303-04	9.9'-13.2'	4.41	-0.073	0.00032	7.50E-10	3.85

Table 4C
Phase I SICT Geotechnical Data Summary - Index Test Results

Location ID	Field Sample ID	Depth (ft)	Average Depth (ft)	Water Content (ASTM D2216) (%)	Atterberg Limits (ASTM D4318)			Grain Size (ASTM D422)					Specific Gravity (ASTM D854)
					Liquid Limit (%)	Plastic Limit (%)	Plasticity Index (%)	Percent Gravel (%)	Percent Sand (%)	Percent Fines (clay & silt) (%)	Clay-sized Particle Content (0.005 mm) (%)	Clay-sized Particle Content (0.002 mm) (%)	
OL-STA-10015-VC	OL-0119-05	9.9-13.2	11.55	233	NA	NA	NA	NA	NA	NA	NA	NA	NA
OL-STA-10016-VC	OL-0119-02	0-3.3	1.65	108.3	45	31	23	0	1.5	98.5	32	12	NA
OL-STA-10017-VC	OL-0119-06	0-3.3	1.65	152	NA	NA	NA	NA	NA	NA	NA	NA	NA
OL-STA-10017-VC	OL-0119-07	9.9-12.6	11.25	126.6	66	40	26	0.5	4.7	94.8	35	14	NA
OL-STA-10018-VC	OL-0119-04	6.6-9.9	8.25	217.6	115	74	41	0.4	8.6	91	33	11	2.54
OL-STA-10022-VC	OL-0119-01	9.9-13.2	11.55	171.8	NA	NA	NA	NA	NA	NA	NA	NA	NA
OL-STA-10024-VC	OL-0119-08	6.6-9.9	8.25	120.2	99	68	31	0	25.3	74.7	32	17	NA
OL-STA-10026-VC	OL-0119-03	3.3-6.6	4.95	54.7	69	45	24	0	55.3	44.7	18	11	NA
OL-STA-40001	OL-0113-01	6.6-9.9	8.25	58.3	36	26	10	0	23.2	76.8	14	10	2.65
OL-STA-40002	OL-0113-02	9.9-13.2	11.55	73.5	NA	NA	NA	NA	NA	NA	NA	NA	NA
OL-STA-40003	OL-0113-03	9.9-13.2	11.55	72.3	59	35	24	0	16.3	83.7	32	19	2.58
OL-STA-60016	OL-0112-01	14-16	15	73.1	NA	NA	NA	NA	NA	NA	NA	NA	NA
OL-STA-60017	OL-0112-03	8-10	9	86.9	53	34	19	0	11.2	88.8	22	14	2.61
OL-STA-60019	OL-0112-02	16-18	17	84.7	NA	NA	NA	NA	NA	NA	NA	NA	NA
OL-STA-70006	OL-0112-04	2-4	3	61.1	58	33	25	0.3	26.2	73.5	26	16	2.52
OL-STA-70006	OL-0112-05	10-12	11	106	NA	NA	NA	NA	NA	NA	NA	NA	NA
OL-STA-70007	OL-0112-06	10-12	11	80.1	62	37	25	0	20.6	79.4	27	21	2.57
OL-STA-70007	OL-0112-07	18-20	19	91.6	NA	NA	NA	NA	NA	NA	NA	NA	NA

Wastebed 13 Index Test Results Summary

Location ID	Field Sample ID	Depth (ft)	Average Depth (ft)	Water Content (ASTM D2216)	Liquid Limit (BS 1377-2:1990) (%)	Atterberg Limits (ASTM D4318)			Grain Size (ASTM D422)					Specific Gravity (ASTM D854)	Carbonate Content (ASTM D4373)	Bulk Density (EM-1110-2-1906)
						Liquid Limit (%)	Plastic Limit (%)	Plasticity Index (%)	Percent Gravel (%)	Percent Sand (%)	Percent Fines (clay & silt) (%)	Clay-sized Particle Content (0.005 mm) (%)	Clay-sized Particle Content (0.002 mm) (%)			
SB915-PZ13-01	OL-0295-01	10-12	11	347.6	214.5	176	133	43	0	7.9	92.1	51	20	2.59	35	68
SB915-PZ13-01	OL-0295-03	24-26	25	125.8	164.5	143	113	30	3.8	33.1	63.1	6	3	2.35	26	73
SB915-PZ13-01	OL-0295-04	26-28	27	218	215.5	187	131	56	17.6	16.5	65.9	4	1		35	
SB915-PZ13-01	OL-0300-16	34-36	35	252	205.5	181	139	42	0	11.1	88.9	49	17	2.52	30	77
SB915-PZ13-01	OL-0301-07	55-57	56	54.5		57	42	15	0	39.2	60.8	18	15	2.68		
SB915-PZ13-02	OL-0295-06	10-12	11	91.3	118	102	84	18	0	27.3	72.7	18	8	2.6	22	
SB915-PZ13-02	OL-0295-08	27-29	28	85.6	130	112	93	19	17.4	48.3	34.3	5	2	2.43	17	
SB915-PZ13-02	OL-0301-08	43-45	44	10.2		Non-Plastic			43.9	41.8	14.3	5	4	2.58		
SB915-PZ13-03	OL-0295-11	10-12	11	120.5	151.5	168	124	44	26.7	27.9	45.4	5		2.6	26	
SB915-PZ13-03	OL-0295-13	30-32	31	143.4	136	158	119	39	9	22.4	68.6	10	3	2.44	30	
SB915-PZ13-03	OL-0301-09	68-75	71.5	12.6		23	17	6	34.1	44.5	21.4	6	3	2.66		
SB915-PZ13-04	OL-0295-16	8-10	9	352.4											43	
SB915-PZ13-04	OL-0295-17	10-12	11	9.6	283.5	220	161	59	0	2.8	97.2	11	6	2.6	35	
SB915-PZ13-04	OL-0295-18	28-30	29	292.5	222.5	184	123	61	0	6.4	93.6	17	11	2.71	26	
SB915-PZ13-04	OL-0295-19	33-35	34	359.6	219	193	151	42	0	1.2	98.8	31	24	2.71	52	
SB915-PZ13-04	OL-0301-10	63-65	64	13.1		Non-Plastic			0.8	73.4	25.8	10	6	2.73		
SB915-PZ13-04	OL-0301-11	108-110	109	14.3		Non-Plastic			11.4	80.4	8.2	4	3	2.72		
SB915-PZ13-04A	OL-0295-20	53-55	54	70.9	104.5	89	62	27	25.2	32.1	42.7	16	9	2.73	35	
SB915-PZ13-05	OL-0296-01	8-10	9	106.3	164	141	108	33	23.7	23.5	52.8	13	4	2.61	26	
SB915-PZ13-05	OL-0296-04	25-27	26	87.4	165	195	144	51	51.5	43.5	5	2	1	2.63	13	
SB915-PZ13-05	OL-0301-12	48-50	49	19.7		34	18	16	16.8	35.1	48.1	22	16	2.63		
SB915-PZ13-06	OL-0296-06	10-12	11	349.4	265	182	136	46	0	3.5	96.5	12	6	2.61	35	67
SB915-PZ13-06	OL-0296-08	32-34	33	271	222.5	220	151	69	0.8	8.7	90.5	61	34	2.62	39	69
SB915-PZ13-06	OL-0296-10	46-48	47	252.6	192	186	139	47	0	0.7	99.3	62	41	2.68	43	75
SB915-PZ13-06	OL-0301-13	55-65	60	19.1		44	35	9	43.6	44.4	12	3	2	2.54		
SB915-PZ13-07	OL-0301-16	25-27	26	33.1		66	49	17	11	57	32	3	1	2.63		
SB915-PZ13-08	OL-0301-17	15-17	16	11		26	15	11	18.7	21.7	59.6	37	29	2.62		
SB915-PZ13-09	OL-0301-18	10-17	13.5	10.1		21	12	9	5.8	31.4	62.8	30	24	2.78		
SB915-PZ13-11	OL-0301-19	25-27	26	9.7		23	13	10	9.4	26.1	64.5	35	26	2.79		
SB915-PZ13-12	OL-0301-20	35-37	36	17.1		28	15	13	0	37.9	62.1	26	22	2.78		
SB915-PZ13-13	OL-0302-03	10-12	11	8.5		22	12	10	12.1	33.8	54.1	28	21	2.71		
SB915-PZ13-13	OL-0301-14	40-42	41	24.4		45	22	23	0	0.8	99.2	51	37	2.76		
SB915-PZ13-14	OL-0296-17	22-24	23	256.4	247	203	144	59	3.6	5.2	91.2	43	26	2.59	35	
SB915-PZ13-14	OL-0296-18	47-49	48	24.9	55	54	24	30	0	0.1	99.9	78	59	2.76	9	
SB915-PZ13-14	OL-0302-04	50-52	51	23.4		21	16	5	0	7.7	92.3	15	11	2.7		
SB915-PZ13-15	OL-0302-01	55-57	56	37.5		57	40	17	2.2	34.5	63.3	25	11	2.67		
SB915-PZ13-16	OL-0302-02	0-7	3.5	8.4		25	18	7	38.7	35.3	26	9	6	2.59		
SB915-PZ13-16	OL-0301-15	55-57	56	24.5		26	19	7	0	3.1	96.9	19	14	2.69		
SB915-SB13-01	OL-0297-01	8-10	9	126.5	204	172	116	56	31	14.9	54.1	11	7		35	
SB915-SB13-01	OL-0297-02	10-12	11	154.4	147.5	131	100	31	21.4	25.2	63.4	13	8	2.54	35	
SB915-SB13-01	OL-0297-05	28-30	29	181.6	137.5	145	114	31	19.8	28	52.2	7	2	2.57	22	
SB915-SB13-01	OL-0301-01	53-60	56.5	12.2		23	16	7	28.2	48.4	23.4	9	6	2.59		
SB915-SB13-01	OL-0301-02	118-120	119	8.2		14	10	4	9.4	43.2	47.4	20	13	2.73		
SB915-SB13-02	OL-0297-06	8-10	9	353.7	227	209	144	65	0	1.4	98.6	52	23	2.54	43	67
SB915-SB13-02	OL-0297-08	25-27	26	328.5	247.5	211	156	55	0	4.5	95.5	47	24	2.51	39	69
SB915-SB13-02	OL-0297-10	42-44	43	142.8	178.5	154	116	38	35.5	41.6	22.9	12	7	2.67	35	80
SB915-SB13-02	OL-0301-03	65-67	66	8.2		Non-Plastic			63.1	28.3	8.6	3	1	2.71		
SB915-SB13-03	OL-0297-13	4-6	5	363	214	181	131	50	0	0.5	99.5	11	8	2.73	43	
SB915-SB13-03	OL-0297-14	30-32	31	334.4											39	
SB915-SB13-03	OL-0297-15	32-34	33	318.6	234	227	159	68	0	2.8	97.2	14	7	2.55	35	
SB915-SB13-03	OL-0297-17a (SOLW)	58-60	59	271.9	230	230	111	119	0	2	98	58	30	2.59	35	
SB915-SB13-03	OL-0297-17b (Clay)	58-60	59	72	61.5	60	43	17	6.6	30.2	63.2	27	15	2.74		
SB915-SB13-04A	OL-0297-18	12-14	13	283.8	209	177	129	48	0	1.6	98.4	36	15	2.63	22	
SB915-SB13-04A	OL-0297-19	17-19	18	371.8											35	
SB915-SB13-04A	OL-0297-20	38-40	39	151.6	152	129	100	29	14.5	28.7	56.8	4	3	2.55	30	
SB915-SB13-04A	OL-0298-01	44-46	45	216.1											26	
SB915-SB13-04A	OL-0298-02	70-72	71	220.8	147.5	152	117	35	0	10.1	89.9	15	5	2.59	39	
SB915-SB13-04A	OL-0298-03	72-74	73	168.4											48	

Wastebed 13 Index Test Results Summary

Location ID	Field Sample ID	Depth (ft)	Average Depth (ft)	Water Content (ASTM D2216)	Liquid Limit (BS 1377-2:1990) (%)	Atterberg Limits (ASTM D4318)			Grain Size (ASTM D422)					Specific Gravity (ASTM D854)	Carbonate Content (ASTM D4373)	Bulk Density (EM-1110-2-1906)
						Liquid Limit (%)	Plastic Limit (%)	Plasticity Index (%)	Percent Gravel (%)	Percent Sand (%)	Percent Fines (clay & silt) (%)	Clay-sized Particle Content (0.005 mm) (%)	Clay-sized Particle Content (0.002 mm) (%)			
SB915-SB13-05	OL-0298-04	14-16	15	302	182	158	119	39	0	1.9	98.1	15	10	2.62	22	
SB915-SB13-05	OL-0298-05	17-19	18	249.1											35	
SB915-SB13-05	OL-0298-07	30-32	31	226.7	157	161	109	52	0	1.7	98.3	52	30	2.52	26	
SB915-SB13-05	OL-0298-09	52-54	53	208.6											26	
SB915-SB13-06	OL-0298-12	8-10	9	110.9	133.5	109	83	26	28.7	35.3	36	9	5	2.6	26	
SB915-SB13-06	OL-0298-13	28-30	29	166.6											35	
SB915-SB13-06	OL-0298-14	30-32	31	121.1	141.5	241	167	74	28.7	26.6	44.7	10	4	2.64	17	
SB915-SB13-06	OL-0298-15	46-48	47	28.1	192										0	
SB915-SB13-06	OL-0301-04	103-105	104	65.6		22	17	5	20.3	59.2	20.5	4	2	2.7		
SB915-SB13-07	OL-0298-17	8-10	9	302.7	178.5	162	124	38	0	0	100	32	9	2.59	39	
SB915-SB13-07	OL-0298-20	30-32	31	181.4	159	158	125	33	0	7.9	92.1	47	30	2.49	52	
SB915-SB13-08	OL-0299-01	9-11	10	68	111.5	101	79	22	27.7	64.4	7.9	3	1		35	85
SB915-SB13-08	OL-0299-03	22-24	23	174.4	201.5	151	116	35	0	18	82	28	9		35	76
SB915-SB13-08	OL-0299-05	39-41	40	300.3	193.5	194	150	44	0	2.5	97.5	10	5		35	72
SB915-SB13-08	OL-0301-05	68-70	69	8.3		Non-Plastic			13.2	64.8	22	5	2	2.75		
SB915-SB13-09	OL-0299-06	8-10	9	237.2											39	
SB915-SB13-09	OL-0299-07	10-12	11	170.7	156.5	120	93	27	21.4	28.4	50.2	10	4	2.47	22	
SB915-SB13-09	OL-0299-09	30-32	31	121.1	168	151	120	31	75.2	19.4	5.4	2	2	2.63	26	
SB915-SB13-09	OL-0299-10	48-50	49	186.7	169	146	96	50	8	13.5	78.5	22	5	2.65	30	
SB915-SB13-09	OL-0301-06	58-65	61.5	12.8		Non-Plastic			34.9	54	11.1	3	2	2.52		
SB915-SB13-10	OL-0299-12	5-7	6	142.4	166.5	147	107	40	20.9	7.8	71.3	27	10		30	
SB915-SB13-10	OL-0299-14	15-17	16	333.3	197	217	158	59	0	3.4	96.6	10	3		35	
SB915-SB13-10	OL-0299-18	38-40	39	236.6	166.5	163	131	32	0	1.1	98.9	11	6		30	
SB915-SB13-11	OL-0300-01	10-12	11	278.6	195	182	134	48	0	2.4	97.6	44	21		43	72
SB915-SB13-11	OL-0300-03	32-34	33	227.9	148	131	101	30	0	7.1	92.9	15	5		43	77
SB915-SB13-11	OL-0300-05	60-62	61	226	187	172	140	32	0	4.1	95.9	27	8		35	72
SB915-SB13-12	OL-0300-06	8-10	9	273.6											35	
SB915-SB13-12	OL-0300-08	12-14	13	363	259	181	133	48	0	3.7	96.3	36	13	2.6	43	
SB915-SB13-12	OL-0300-09	30-32	31	271.9	228.5	197	146	51	0	2.1	97.9	24	6	2.55	43	
SB915-SB13-12	OL-0300-10	42-44	43	279.8											39	
SB915-SB13-12	OL-0300-11	44-46	45	301.1	227.5	194	152	42	0	1.5	98.5	18	7	2.54	35	
SB915-SB13-13	OL-0300-12	10-12	11	244.1	193.2	171	125	46	0	4.7	95.3	38	15	2.41	35	
SB915-SB13-13	OL-0300-14	20-22	21	65.8	90.2	80	68	12	14.2	59.9	25.9	5	2	2.64	17	

FIGURES



Phase II PDI Sample Locations

- 20 Ft (6 m) Core (Sample on 3.3 Ft intervals to 20 Ft)
- 20 Ft (6 m) Colocated Core (Sample on 3.3 Ft intervals to 20 Ft)
- 20 Ft (6 m) Core (Sample on 3.3 Ft intervals to 13 Ft)
- Bench-Scale Testing Sample
- Deep Boring to Till / Top of Bedrock

Phase I PDI Sample Locations

- 20 Ft (6 m) Core
- 72 Ft (22 m) Boring, CPT and 13 Ft (4 m) Core
- 72 Ft (22 m) Boring, CPT and 20 Ft (6 m) Core
- 33 Ft (10 m) Boring, 20 Ft (6 m) Core, and Porewater Samples (Groundwater Model)
- Vane Shear/Atterberg Limits
- Bulk Sediment and Water Sample for Emissions and Odor and Supernatant Water Treatment Evaluations
- Bulk Sediment Sample for Emissions Testing and Odor
- 13 Ft (4 m) Core

RI/FS Locations

- 0 - 6.6 Ft (0 - 2 m)
- 20 - 26 Ft (6 - 8 m)

NOTES

1. Bathymetry contours are in 4 foot intervals.
2. Water depth based on average lake elevation of 362.82 feet.
3. For the sake of map clarity, the prefix OL-STA is not illustrated for the Phase II PDI sample locations.

0 75 150 300 450 600 750
Feet

FIGURE 1

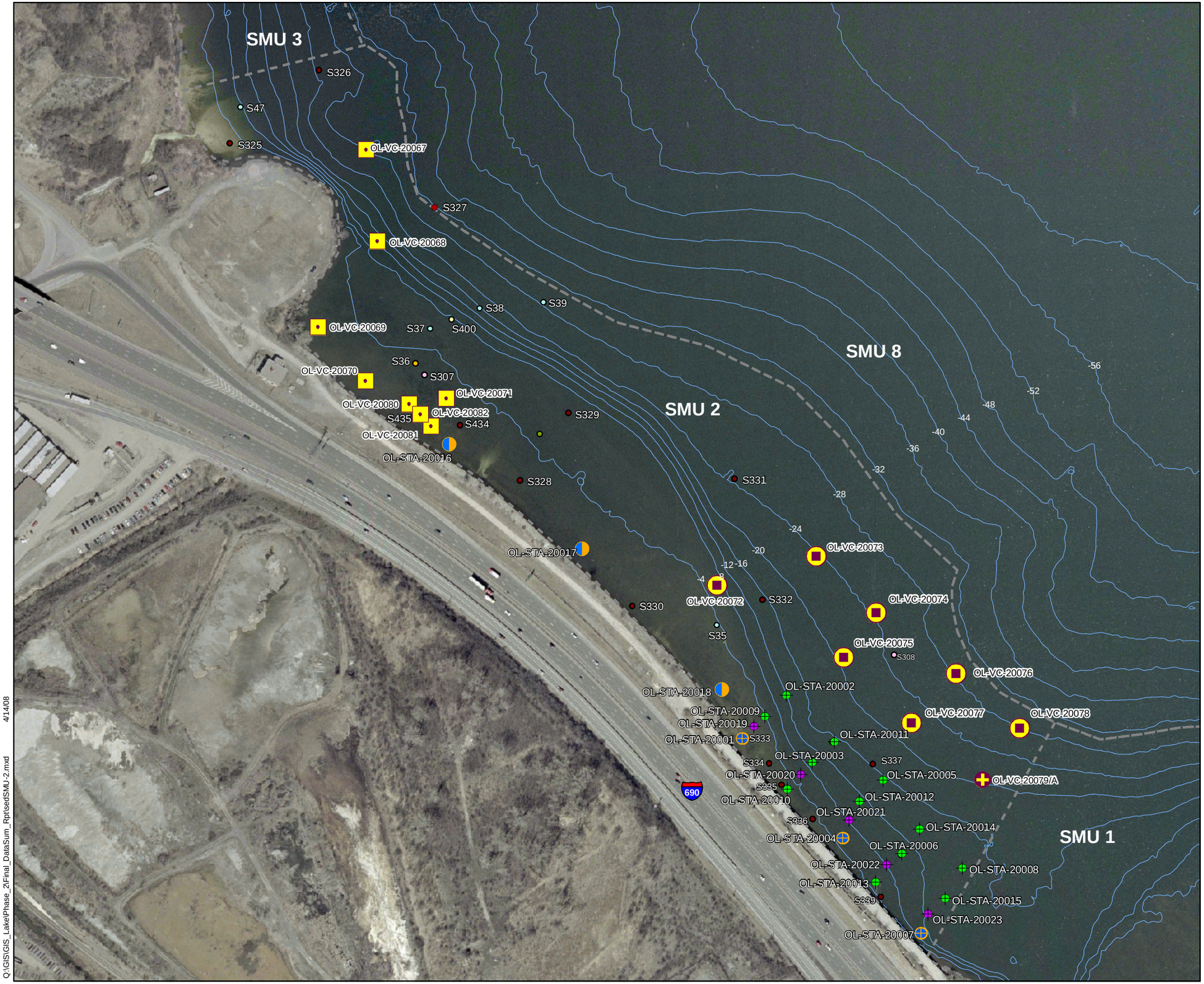
Honeywell

Onondaga Lake
Syracuse, New York

SMUs 1 & 7
Phase II PDI Sediment, Deep Boring & Bench-Scale Testing Sample Locations

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Phase II PDI Sample Locations

- 20 Ft (6 m) Core (Sample on 3.3 Ft intervals to 20 Ft)
- 20 Ft (6 m) Core (Sample on 3.3 Ft intervals to 13 Ft)
- 20 Ft (6 m) Co-located Core (Sample on 3.3 Ft intervals to 20 Ft)

Phase I PDI Sample Locations

- 40 Ft (12 m) MIP and Boring (approximately 17 to 40 Ft)
- 40 Ft (12 m) MIP, Boring, and CPT
- 40 Ft (12 m) MIP and Boring; CPT to Refusal
- Geotechnical Boring to Refusal

RI/FS Locations

- 0.07 - 0.16 Ft (0 - 5 cm)
- 0.17 - 0.50 Ft (5 - 15 cm)
- 0.5 - 1.0 Ft (15 - 30 cm)
- 1.0 - 3.3 Ft (30 - 100 cm)
- 3.3 - 7.0 Ft (1 - 2 m)
- 7 - 13 Ft (2 - 4 m)
- 13 - 17 Ft (4 - 5 m)
- 17 - 26 Ft (5 - 8 m)

NOTES

1. Bathymetry contours are in 4 foot intervals.
2. Water depth based on average lake elevation of 362.82 feet.

0 50 100 200 300 400 500
Feet

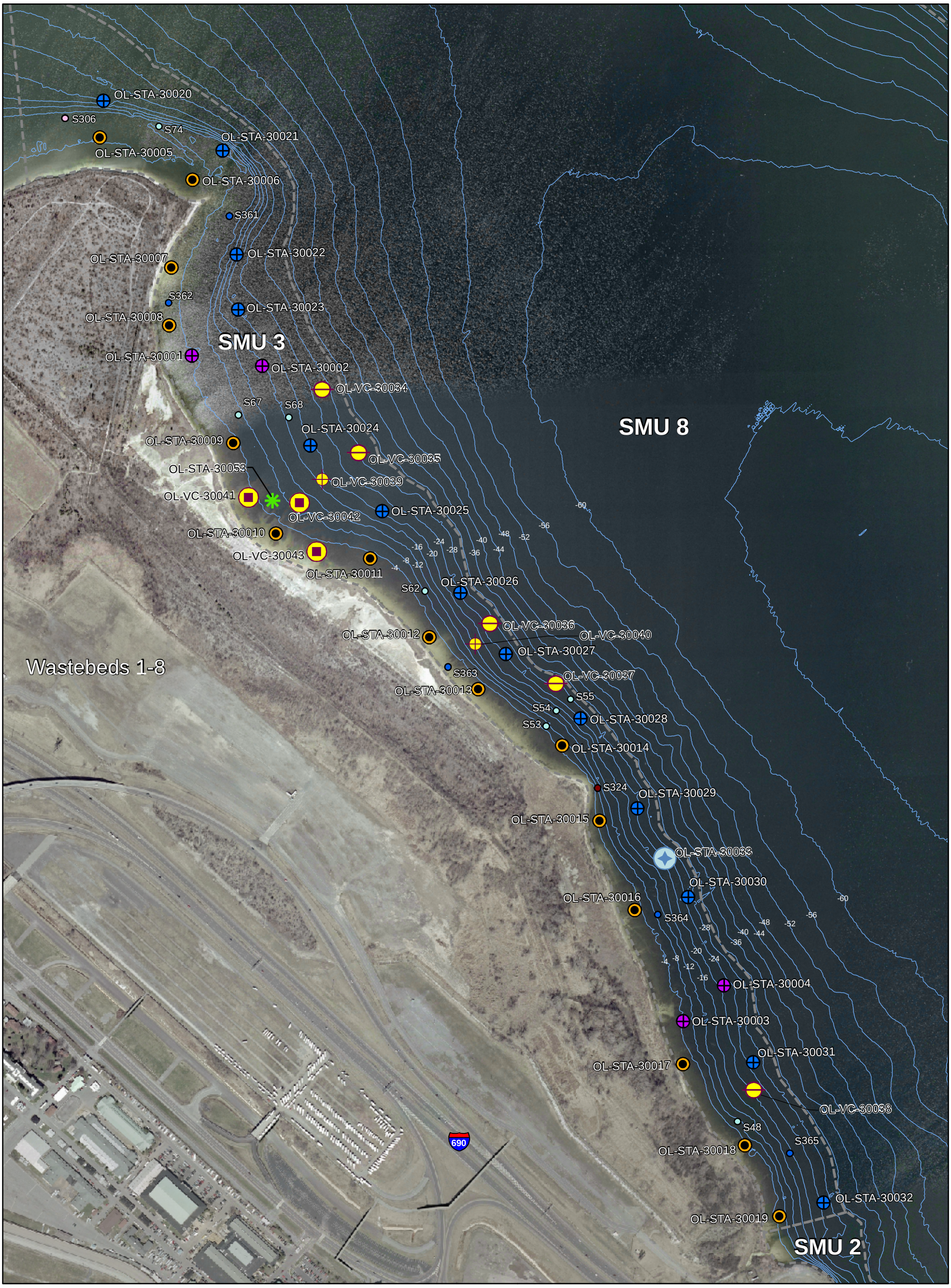
FIGURE 2

Honeywell
Onondaga Lake
Syracuse, New York

SMU 2
Phase II PDI Sediment & Deep Boring Sample Locations

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RI/FS Locations

- 0.07 - 0.16 Ft (0 - 5 cm)
- 0.17 - 0.50 Ft (5 - 15 cm)
- 0.5 - 1.0 Ft (15 - 30 cm)
- 1.0 - 3.3 Ft (30 - 100 cm)
- 3.3 - 7.0 Ft (1 - 2 m)
- 7 - 13 Ft (2 - 4 m)
- 13 - 17 Ft (4 - 5 m)
- 17 - 26 Ft (5 - 8 m)

Phase I PDI Sample Locations

- 33 Ft (10 m) Boring, 13 Ft (4 m) Core, Surface Water Sample
- 13 Ft (4 m) Core and Surface Water Sample
- Vane Shear/Atterberg Limits and Surface Water Sample

Phase II PDI Sample Locations

- Deep Boring to Till/Top of Bedrock
- 20 Ft (6 m) Core (Sample 0-0.5 Ft and 0.5-3.3 Ft)
- 20 Ft (6 m) Core (Sample on 3.3 Ft intervals to 10 Ft)
- 20 Ft (6 m) Core (Sample on 3.3 Ft intervals to 20 Ft)
- Bench-Scale Testing Sample

0 125 250 500 750 1,000 1,250
Feet

NOTES

1. Bathymetry contours are in 4 foot intervals.
2. Water depth based on average lake elevation of 362.82 feet.

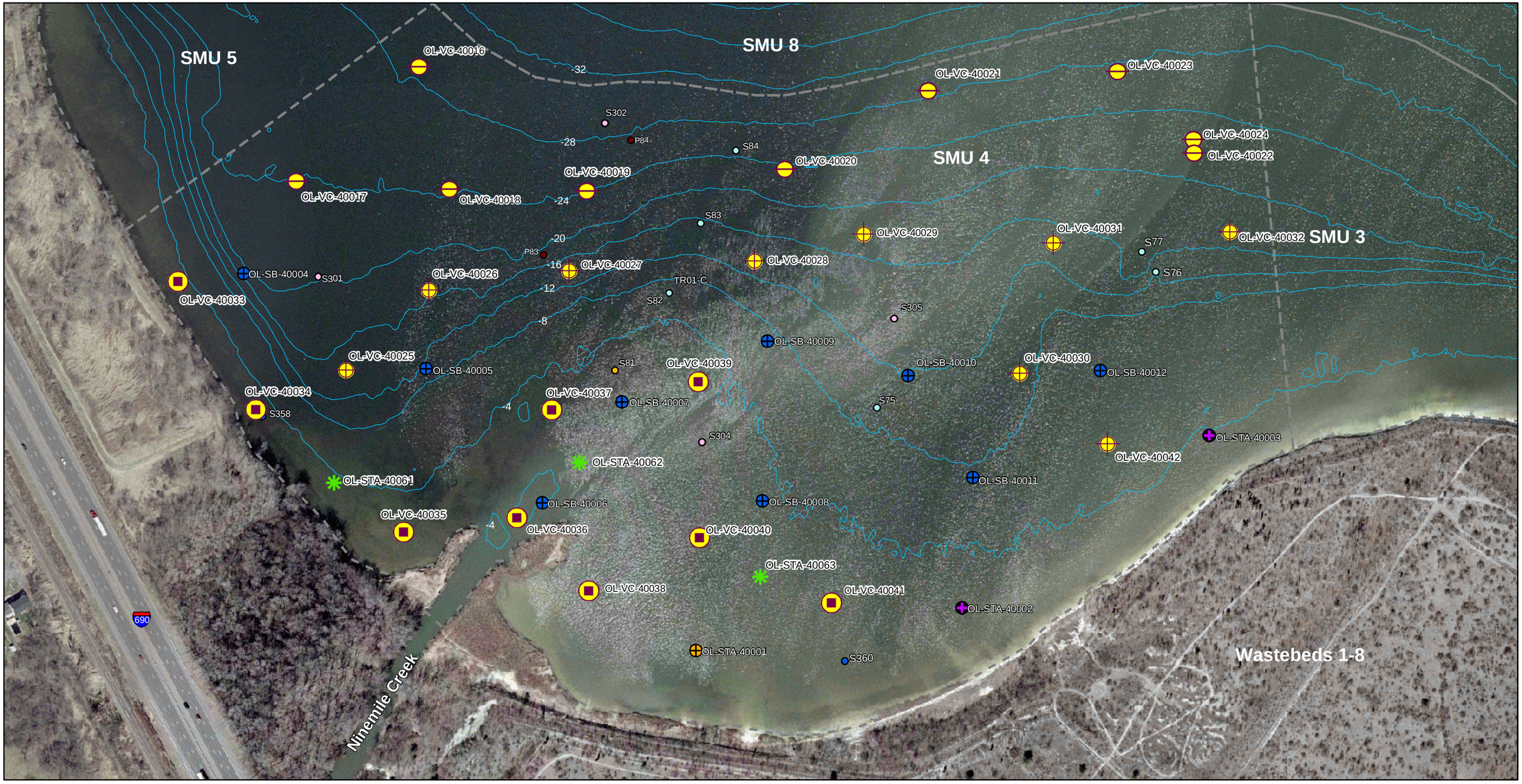
FIGURE 3

Honeywell
Onondaga Lake
Syracuse, New York

SMU 3
Phase II PDI Sediment, Deep Boring & Bench-Scale Testing Sampling Locations

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RI/FS Existing Locations

- 0.07 - 0.16 Ft (0 - 5 cm)
- 0.17 - 0.50 Ft (5 - 15 cm)
- 0.5 - 1.0 Ft (15 - 30 cm)
- 1.0 - 3.3 Ft (30 - 100 cm)
- 3.3 - 7.0 Ft (1 - 2 m)
- 7 - 13 Ft (2 - 4 m)
- 13 - 17 Ft (4 - 5 m)
- 17 - 26 Ft (5 - 8 m)

PDI Phase I Sample Locations

- 13 Ft (4 m) Core and Vane Shear/ Atterberg Limits
- 33 Ft (10 m) Boring, 13 Ft (4 m) Core, Vane Shear/ Atterberg Limits and Porewater Samples (Groundwater Model)
- Vane Shear/ Atterberg Limits (No chemical analysis)

Phase II PDI Sample Locations

- 20 Ft (6 m) Core (Sample 0-0.5 Ft and 0.5-3.3 Ft)
- 20 Ft (6 m) Core (Sample on 3.3 Ft intervals to 10 Ft)
- 20 Ft (6 m) Core (Sample on 3.3 Ft intervals to 20 Ft)
- Bench-Scale Testing Sample

NOTES

1. Bathymetry contours are in 4 foot intervals.
2. Water depth based on average lake elevation of 362.82 feet.

0 50 100 200 300 400 500

Feet

FIGURE 4

Honeywell

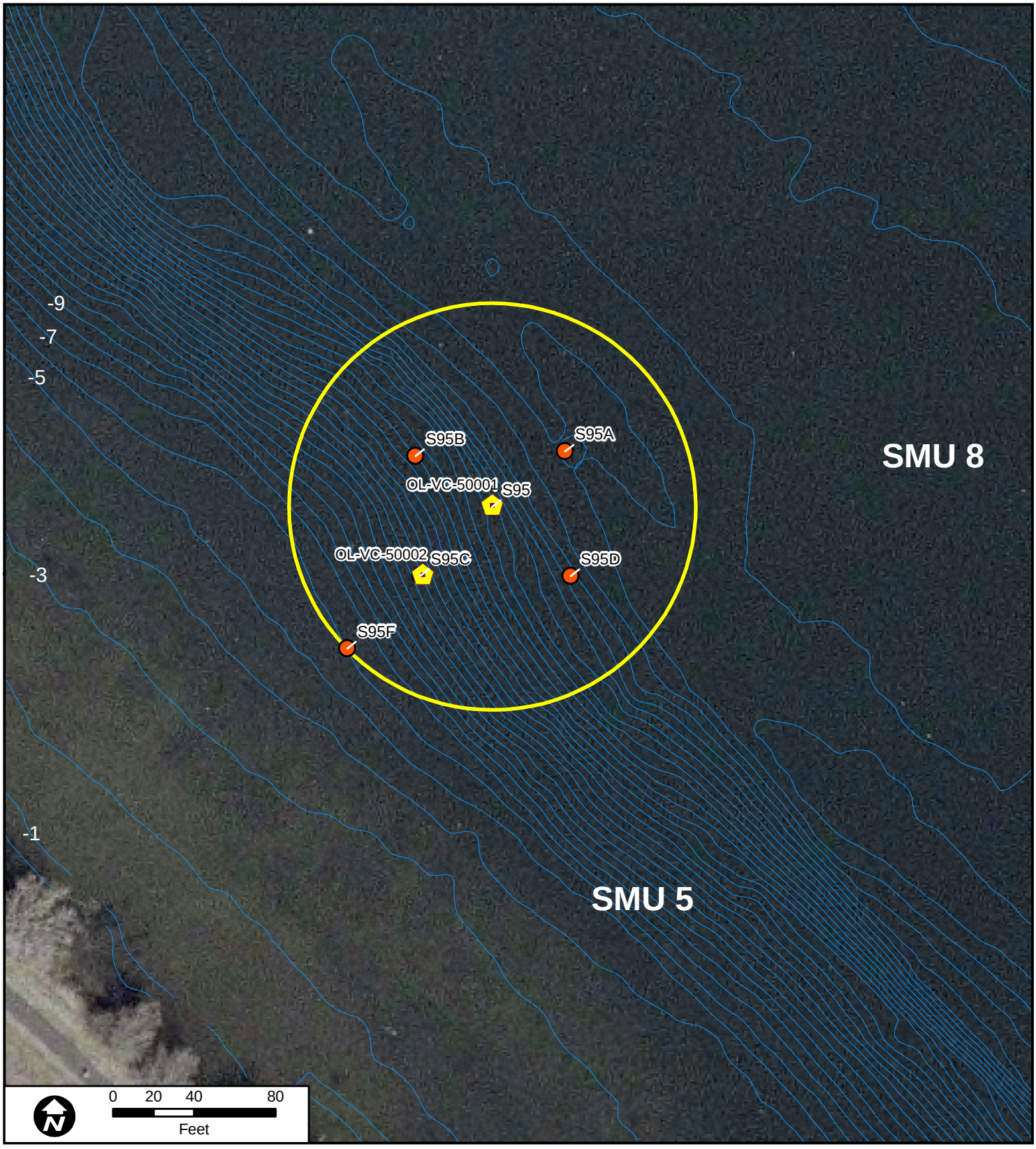
Onondaga Lake
Syracuse, New York

SMU 4
Phase II PDI Sediment, Deep Boring & Bench-Scale Testing Sampling Locations

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Phase II PDI Sample Locations

0.5 Ft Core

FS Sample Location

100ft Radius

NOTES

1. Bathymetric contours are at 1-foot intervals.
2. Orthophotos courtesy of NYSGIS Clearinghouse (2002)

FIGURE 5.C

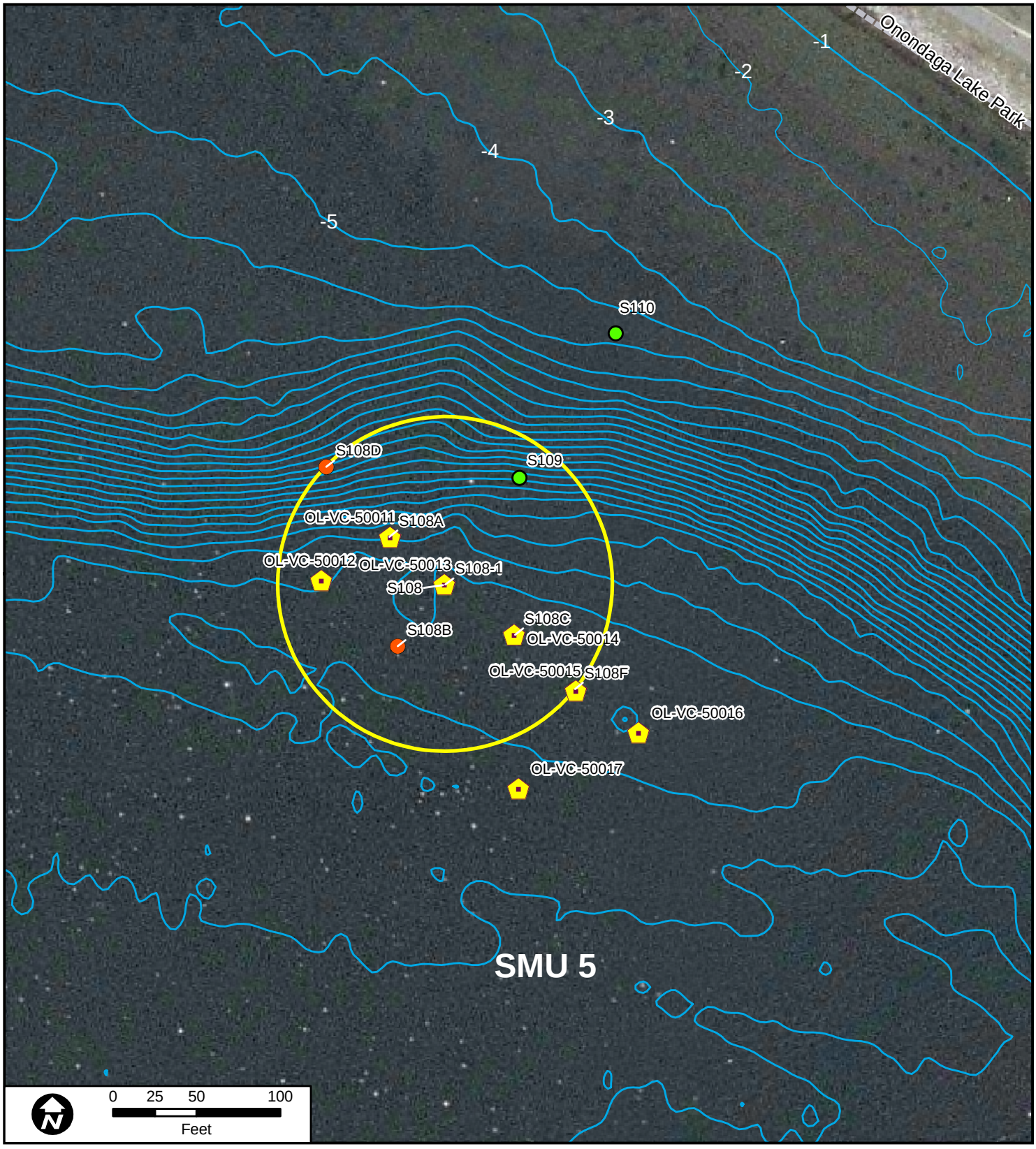
Honeywell

ONONDAGA LAKE, SYRACUSE, NEW YORK

SMU 5 - S95
Phase II PDI Sample Locations

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Map Document: (Q:\GIS\GIS_Lake\Phase_2\Actual_locs_figs\SMU-5 S95 Sample Locations.mxd)
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Phase II PDI Sample Locations

0.5 Ft Core

RI Existing Sample Location

FS Sample Location

100ft Radius

NOTES

1. Bathymetric contours are at 1-foot intervals.
2. Orthophotos courtesy of NYSGIS Clearinghouse (2002)

FIGURE 5.B

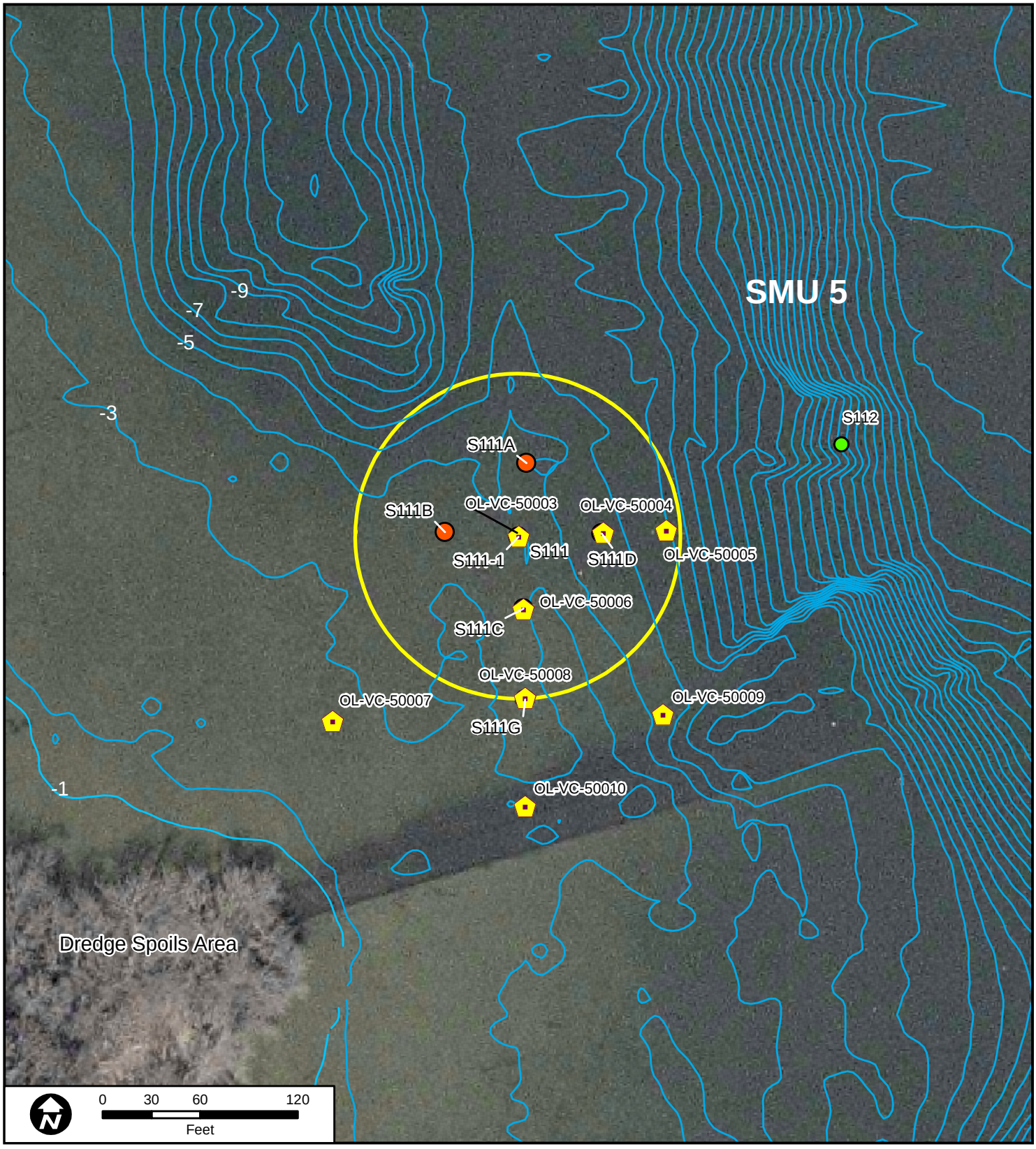
Honeywell

ONONDAGA LAKE, SYRACUSE, NEW YORK

SMU 5 - S108
Phase II PDI Sample Locations

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Phase II PDI Sample Locations

0.5 Ft Core

RI Sample Location

FS Sample Location

100ft Radius

NOTES

1. Bathymetric contours are at 1-foot intervals.
2. Orthophotos courtesy of NYSGIS Clearinghouse (2002)

FIGURE 5.A

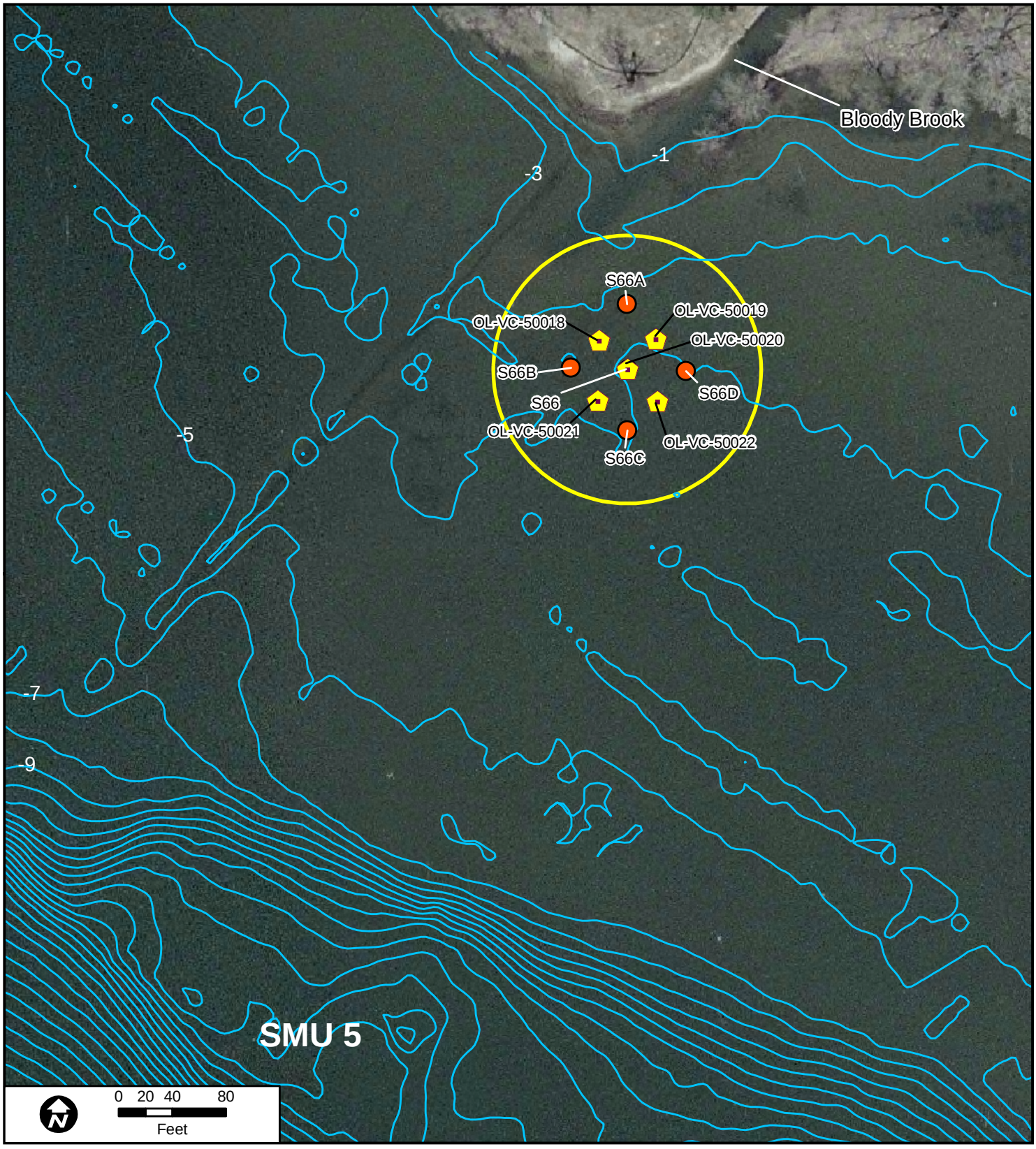
Honeywell

ONONDAGA LAKE, SYRACUSE, NEW YORK

SMU 5 - S111
Phase II PDI Sample Locations

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Phase II PDI Sample Locations

- 0.5 Ft Core
- FS Sample Location
- 100ft Radius

NOTES

1. Bathymetric contours are at 1-foot intervals.
2. Orthophotos courtesy of NYSGIS Clearinghouse (2002)

FIGURE 5.D

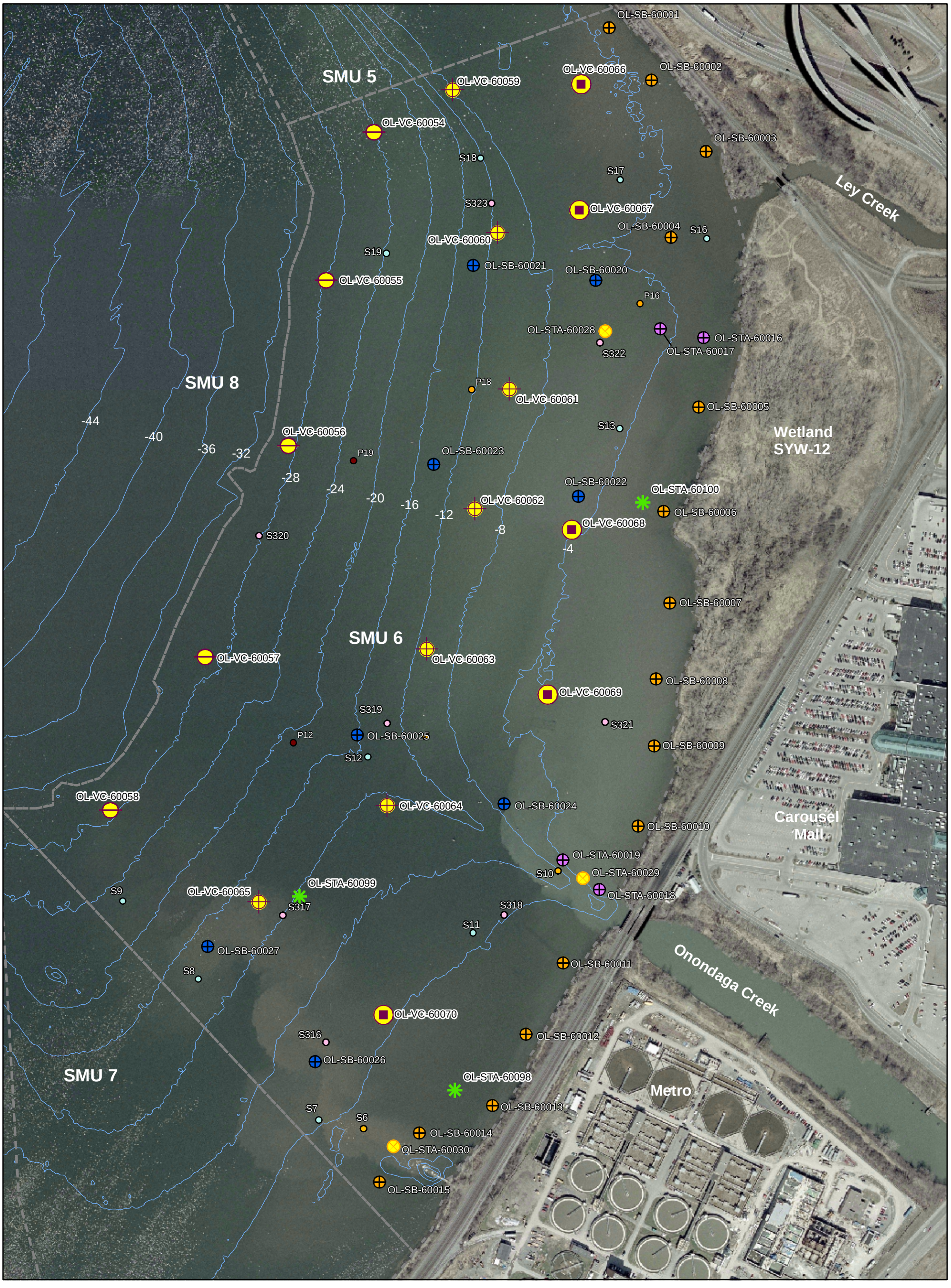
Honeywell

ONONDAGA LAKE, SYRACUSE, NEW YORK

SMU 5 - S66
Phase II PDI Sample Locations

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RI/FS Locations

- 0.07 - 0.16 Ft (0 - 5 cm)
- 0.17 - 0.50 Ft (5 - 15 cm)
- 0.5 - 1.0 Ft (15 - 30 cm)
- 1.0 - 3.3 Ft (30 - 100 cm)
- 3.3 - 7.0 Ft (1 - 2 m)
- 7 - 13 Ft (2 - 4 m)
- 13 - 17 Ft (4 - 5 m)
- 17 - 26 Ft (5 - 8 m)

Phase I PDI Sample Locations

- 13 Ft (4 m) Core
- 33 Ft (10 m) Boring, 13 Ft (4 m) Core, and Porewater Samples (Groundwater Model)
- Vane Shear/Atterberg Limits
- Bulk Sediment and Water Sample for Emissions, Column Settling and Effluent Ellutriate Testing (3 Locations, 1 Composite)

Phase II PDI Sample Locations

- 20 Ft (6 m) Core (Sample 0-0.5 Ft and 0.5-3.3 Ft)
- 20 Ft (6 m) Core (Sample on 3.3 Ft intervals to 10 Ft)
- 20 Ft (6 m) Core (Sample on 3.3 Ft intervals to 20 Ft)
- Bench-Scale Testing Sample

0 112.5 225 450 675 900
Feet

NOTES

1. Bathymetry contours are in 4 foot intervals.
2. Water depth based on average lake elevation of 362.82 feet.

FIGURE 6

Honeywell

Onondaga Lake
Syracuse, New York

SMU 6
Phase II PDI Sediment, Deep Boring & Bench-Scale Testing Sampling Locations

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RI/FS Locations

- 0.07 - 0.16 Ft. (0-5 cm)
- 0.17 - 0.50 Ft. (5.2 - 15 cm)
- 0.5 - 1.0 Ft. (15 - 30 cm)
- 1.0 - 3.3 Ft. (10 - 100 cm)
- 3.3 - 7.0 Ft. (1 - 2 m)
- 7 - 13 Ft. (2 - 4 m)
- 13 - 17 Ft. (4 - 5 m)
- 17 - 26 Ft. (5 - 8 m)

Phase I PDI Sample Locations

- 0.05 Ft (0.02 m) Surficial Sediment Grab (For MNR)

Phase II PDI Sample Locations

- 3.3 Ft (1 m) Core (Sample 0-0.5 Ft and 0.5-3.3 Ft)
- 0.5 Ft Core

NOTES

1. Bathymetry contour interval = 10 feet
2. Water depth based on average lake elevation of 362.82 feet.

0 305 610 1,220 1,830 2,440 3,050

Feet

FIGURE 7.A

Honeywell

Onondaga Lake
Syracuse, New York

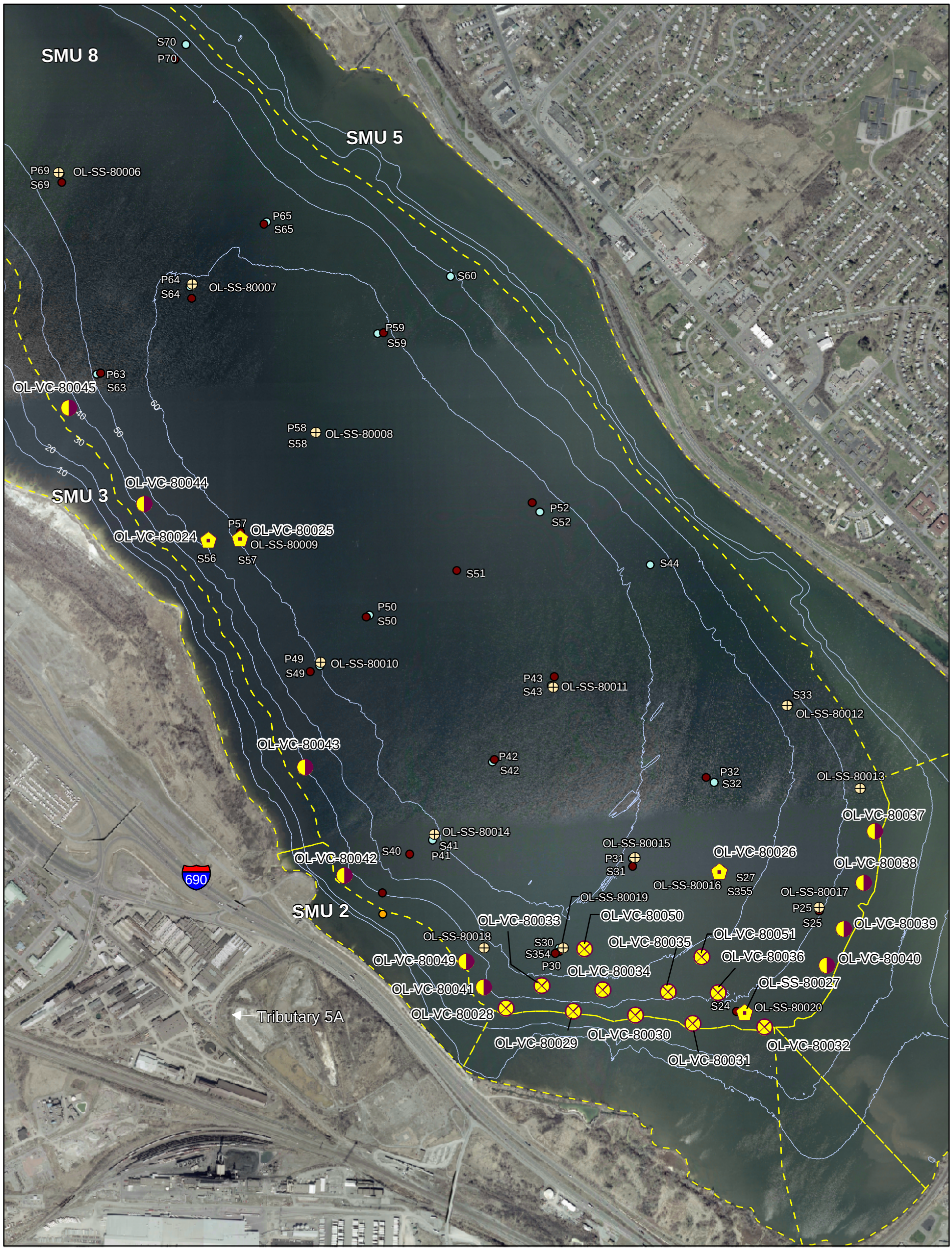
SMU 8
Phase II PDI Sediment & Deep Boring Sample Locations

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RI/FS Locations

- 0.07 - 0.16 Ft. (0-5 cm)
- 0.17 - 0.50 Ft. (5.2 - 15 cm)
- 0.5 - 1.0 Ft. (15 - 30 cm)
- 1.0 - 3.3 Ft. (10 - 100 cm)
- 3.3 - 7.0 Ft. (1 - 2 m)
- 7 - 13 Ft. (2 - 4 m)
- 13 - 17 Ft. (4 - 5 m)
- 17 - 26 Ft. (5 - 8 m)

Phase I PDI Sample Locations

0.05 Ft (0.02 m) Surficial Sediment Grab (For MNR)

Phase II PDI Sample Locations

3.3 Ft (1 m) Core (Sample 0-0.5 Ft and 0.3-3.3 Ft)

20 Ft (6 m) Core (Sample 0-0.5 Ft, 0.5-3.3 Ft and 3.3 Ft intervals to 20 Ft)

0.5 Ft Core

NOTES

1. Bathymetry contour interval = 10 feet
2. Water depth based on average lake elevation of 362.82 feet.

0 300 600 1,200 1,800 2,400 3,000

Feet

FIGURE 7.B

Honeywell

Onondaga Lake
Syracuse, New York

SMU 8
Phase II PDI Sediment & Deep Boring Sample Locations

P A R S O N S

290 ELWOOD DAVIS RD, SUITE 312, LIVERPOOL, NY 13088 Phone:(315)451-9560

4/14/08

Q:\GIS\GIS_Lake\Phase_2\Final_DataSum_Rpt\sedSMU-8(BOTTOM).mxd



Phase II PDI Sample Locations

- Colocated Extended Peeper Sample
- Extended Peeper Sample
- Conductivity / Temperature Probe
- Conductivity / Temperature Probe +10 ft Core (Sample on 1 ft Intervals)

Phase I PDI Sample Locations

- Phase I Centrifuge / Peeper Sample
- Upwelling Sample Stations

NOTES

1. Bathymetry contours are in 4 foot intervals.
2. Water depth based on average lake elevation of 362.82 feet.
3. Colocated cores will be less than 1 meter apart.

0 75 150 300 450 600 750
Feet

FIGURE 8

Honeywell

Onondaga Lake
Syracuse, New York

SMUs 1 & 7 Phase II PDI
Porewater & Groundwater
Sample Locations

PARSONS
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Revised: 12/17/2008

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SMU 3

SMU 2

SMU 8

SMU 1

OL-GP-20084

OL-GP-20083

OL-GP-20088

OL-GP-20087

OL-GP-20086

OL-GP-20091

OL-GP-20090

OL-GP-20089

OL-GP-20094

OL-GP-20093

OL-GP-20092

OL-PP-20011

OL-PP-20079

OL-PP-20006

TR02-A

690

-56 -52 -48 -44 -40 -36 -32 -28 -24 -20 -16 -12 -8 -4

Phase II PDI Sample Locations

- Conductivity / Temperature Probe
- Conductivity / Temperature Probe + 10 Ft Core (Sample on 1 Ft intervals)
- Extended Peeper Sample

Phase I PDI Sample Locations

- Upwelling Sample Station

NOTES

1. Bathymetry contours are in 4 foot intervals.
2. Water depth based on average lake elevation of 362.82 feet.

N

0 50 100 200 300 400 500

Feet

FIGURE 9

Honeywell

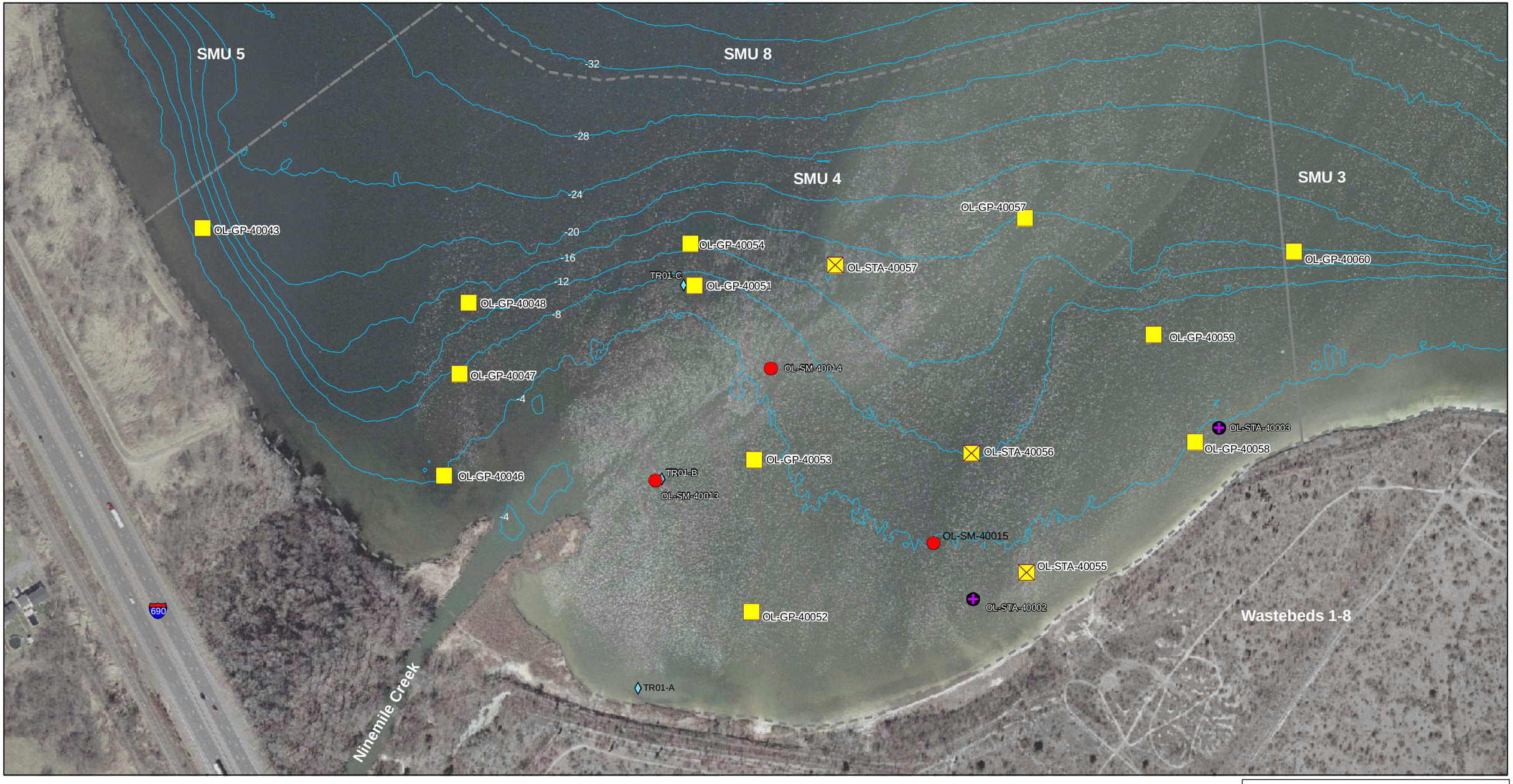
Onondaga Lake
Syracuse, New York

SMU 2
Phase II PDI Porewater & Groundwater Sample Locations

PARSONS

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Q:\GIS\GIS_Lake\Phase_2Final_DataSum_Rpt\SMU-2.mxd Revised: 12/17/08



PDI Phase I Sample Locations

- 33 Ft (10 m) Boring, 13 Ft (4 m) Core, Porewater Samples (Groundwater Model)
- Seepage Meter (No chemical analysis)
- Upwelling Sample Station

Phase II PDI Sample Locations

- Conductivity / Temperature Probe
- Conductivity / Temperature Probe + 10 Ft Core (Sample on 1 Ft intervals)

NOTES

1. Bathymetry contours are in 4 foot intervals.
2. Water depth based on average lake elevation of 362.82 feet.

0 50 100 200 300 400 500

Feet

FIGURE 10

Honeywell

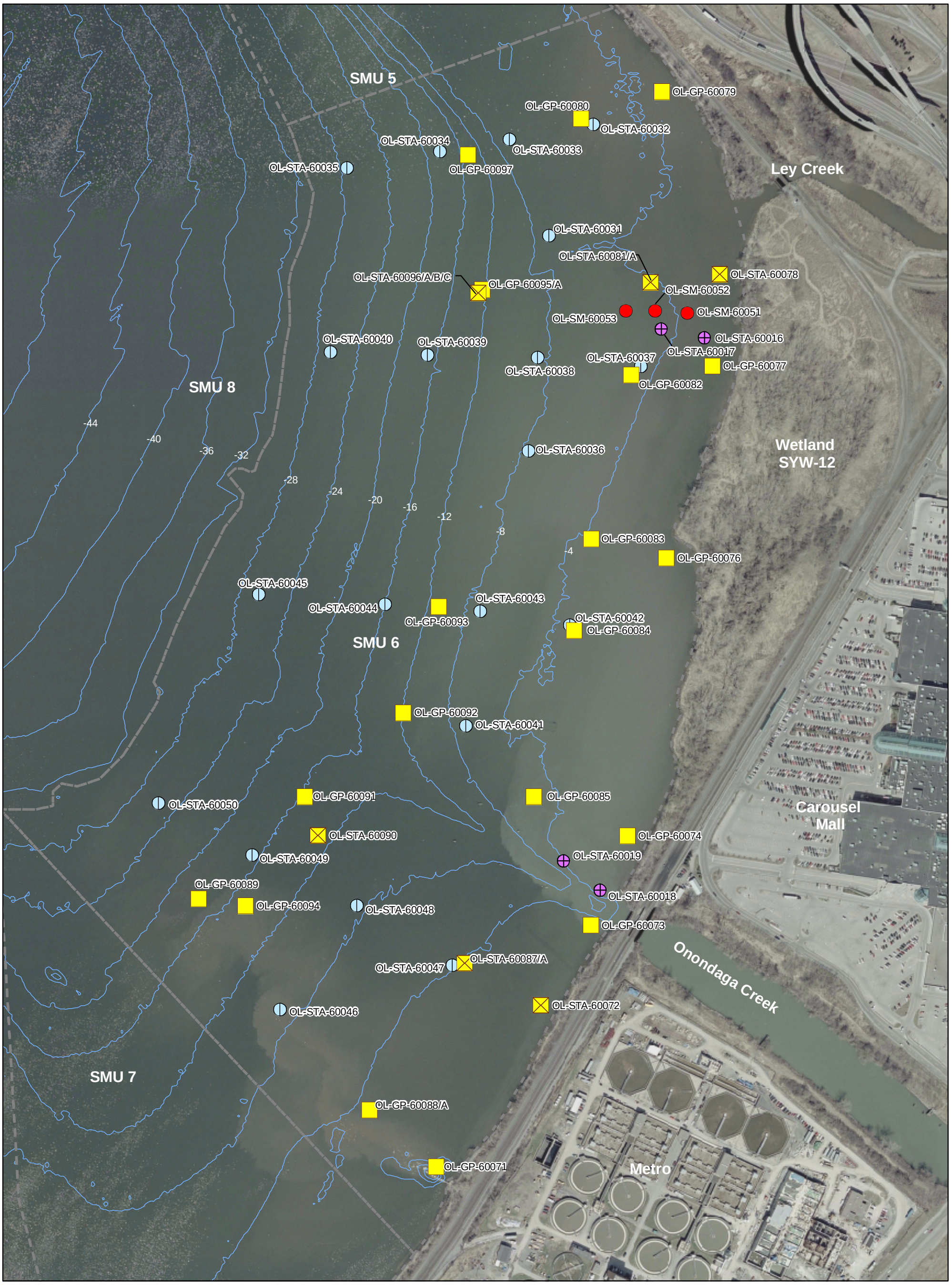
Onondaga Lake
Syracuse, New York

SMU 4
Phase II PDI Porewater & Groundwater Sampling Locations

PARSONS

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Map Document: (Q:\GIS\GIS_Lake\Phase_2\Final_DataSum_Rpt\SMU-4.mxd)
9/10/2007 -- 10:54:38 AM



Phase I PDI Sample Locations

- 33 Ft (10 m) Boring, 13 Ft (4 m) Core, and Porewater Samples (Groundwater Model)
- Porewater Sample (Cap Model)
- Seepage Meter

Phase II PDI Sample Locations

- Conductivity / Temperature Probe
- Conductivity / Temperature Probe + 10 Ft Core (Sample on 1 Ft intervals)

0 115 230 460 690 920
Feet

NOTES

1. Bathymetry contours are in 4 foot intervals.
2. Water depth based on average lake elevation of 362.82 feet.

FIGURE 11

Honeywell

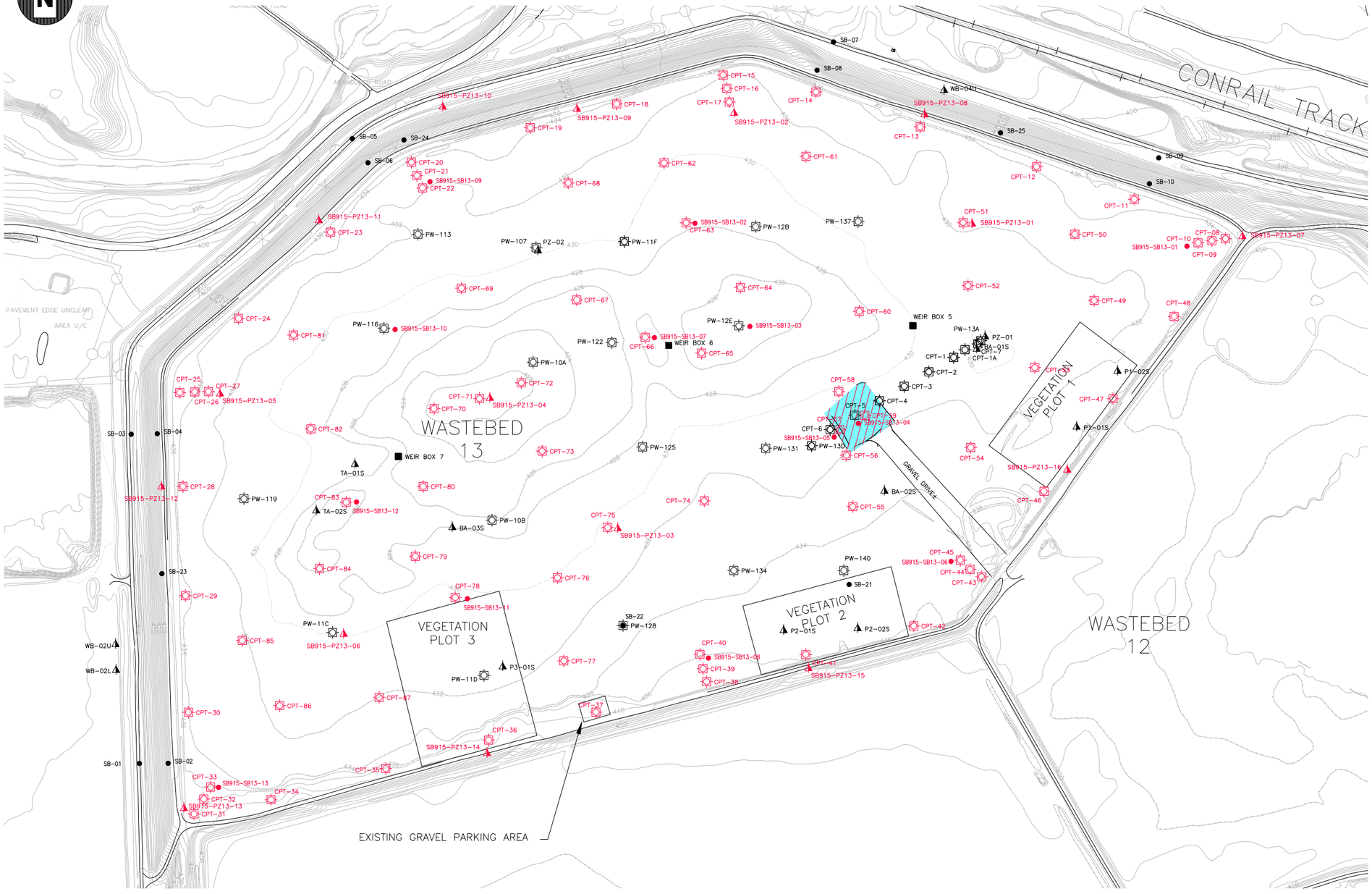
Onondaga Lake
Syracuse, New York

SMU 6
Phase II PDI Porewater & Groundwater Sampling Locations

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Map Document: (Q:\GIS\GIS_Lake\Phase_2\Final_DataSum_Rpt\SMU-6.mxd)
9/10/2007 -- 11:05:56 AM



LEGEND:

- SETTLEMENT PILOT STUDY (2005)
- PHASE II CPT LOCATIONS
- EXISTING CPTU LOCATIONS
- PHASE II BORING LOCATIONS
- EXISTING BORING LOCATIONS
- PHASE II PIEZOMETER LOCATIONS
- EXISTING PIEZOMETER LOCATIONS
- EXISTING WEIR BOX LOCATION

NOTES:

1. IN ADDITION TO WHAT IS SHOWN, (15) CPT SOUNDINGS AND (30) BORINGS WERE PERFORMED WITHIN THE SETTLEMENT PILOT STUDY AREA IN 2005, AS SHOWN ON FIGURE 2.2.

2. PIEZOMETER CLUSTERS CONTAINING 3 TO 4 PIEZOMETERS AT SB915-PZ13-01 THROUGH 06. SINGLE PIEZOMETERS AT SB915-PZ13-07 THROUGH 16.

200 100 0 200 400

SCALE: 1"=200'

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PLOT DATE: 7/27/2009 1:09 PM PLOTTED BY: RUSSO, JILL

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CONTRACTOR'S JOB NO.
SCALE N/A

WASTEBED 13 PHASE II PRE-DESIGN INVESTIGATION
ONONDAGA COUNTY, NEW YORK

WASTEBED 13 CPTU, BORING AND PIEZOMETER LOCATIONS

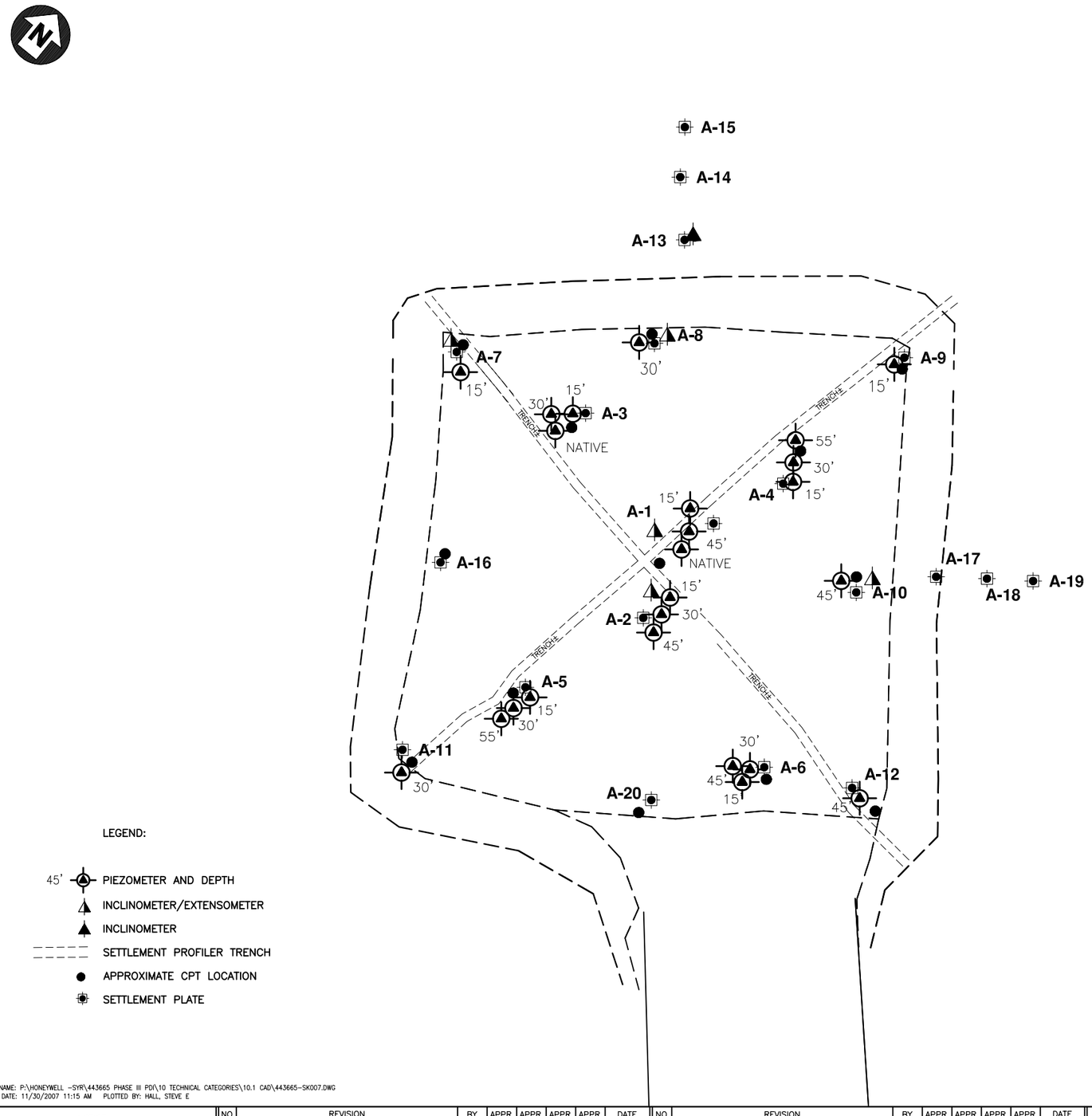
Honeywell
EMS ENGINEERING DEPARTMENT
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MORRISTOWN, NJ 07962

DRAWN	DATE	CHK.	DATE
JAR	11/06		

LOCATION

FIGURE 12

REV A



LEGEND:

- 45' PIEZOMETER AND DEPTH
- INCLINOMETER/EXTENSOMETER
- INCLINOMETER
- SETTLEMENT PROFILER TRENCH
- APPROXIMATE CPT LOCATION
- SETTLEMENT PLATE

LOCATION	CPT ID	INCLINOMETER/ EXTENSOMETER ID	PIEZOMETER ID[2]	SETTLEMENT PLATE
A–1	SB915–CPT–5	SB915–INEX–A1	SB915–PZ–A1(15') SB915–PZ–A1(45') SB915–PZ–A1(NATIVE)	SP–1
A–2		SB915–INEX–A2	SB915–PZ–A2(15') SB915–PZ–A2(30') SB915–PZ–A2(45')	SP–2
A–3	SB915–CPT–A3		SB915–PZ–A3(15') SB915–PZ–A3(30') SB915–PZ–A3(NATIVE)	SP–3
A–4	SB915–CPT–A4		SB915–PZ–A4(15') SB915–PZ–A4(30') SB915–PZ–A4(55')	SP–4
A–5	SB915–CPT–A5		SB915–PZ–A5(15') SB915–PZ–A5(30') SB915–PZ–A5(55')	SP–5
A–6	SB915–CPT–A6		SB915–PZ–A6(15') SB915–PZ–A6(30') SB915–PZ–A6(45')	SP–6
A–7	SB915–CPT–A7	SB915–INEX–A7	SB915–PZ–A7(15')	SP–7
A–8	SB915–CPT–A8	SB915–INEX–A8	SB915–PZ–A8(30')	SP–8
A–9	SB915–CPT–A9		SB915–PZ–A9(15')	SP–9
A–10	SB915–CPT–4	SB915–INEX–A10	SB915–PZ–A10(45')	SP–10
A–11	SB915–CPT–A11		SB915–PZ–A11(30')	SP–11
A–12	SB915–CPT–A12		SB915–PZ–A12(45')	SP–12
A–13		SB915–IN–A13[1]		SP–13
A–14				SP–14
A–15				SP–15
A–16	SB915–CPT–6			SP–16
A–17				SP–17
A–18				SP–18
A–19				SP–19
A–20	SB915–CPT–A20			SP–20

NOTES:

1. ONLY AN INCLINOMETER WAS INSTALLED AT THIS LOCATION.
2. NUMBERS IN PARENTHESES AFTER IDs INDICATE THE PIEZOMETER TIP INSTALLATION DEPTH (i.e., FEET BELOW INITIAL GROUND SURFACE). NATIVE INDICATES PIEZOMETERS WERE INSTALLED IN THE NATIVE SOIL BENEATH THE SOLVAY WASTE.

20 10 0 20 40

SCALE: 1"=20'

NOT FOR CONSTRUCTION OR BIDDING

HALF SIZE IF PRINTED 11x17

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WASTEBED 13 PHASE II PRE–DESIGN INVESTIGATION
SYRACUSE, NEW YORK

WASTEBED 13 PILOT STUDY AREA

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101 COLUMBIA RD., BOX 2105
MORRISTOWN, NJ 07962

DRAWN	DATE	CHK.	DATE
JAR	11/06		

LOCATION

FIGURE 13

REV A

APPENDIX A

DATA USABILITY SUMMARY REPORT

(ELECTRONIC COPY PROVIDED ON CD)

APPENDIX B

LAKE VIBRACORE / BORING LOGS

(ELECTRONIC COPY PROVIDED ON CD)

APPENDIX C

CONSOLIDATION AND SEEPAGE INDUCED CONSOLIDATION (SIC) DATA

(ELECTRONIC COPY PROVIDED ON CD)

APPENDIX D

POREWATER EQUILIBRATION STUDY REPORT

APPENDIX E

ISOTOPE AND PACKER TEST RESULTS

APPENDIX F

GEOPROBE CONDUCTIVITY AND TEMPERATURE PROFILES

(ELECTRONIC COPY OF DATA TABLES PROVIDED ON CD)

APPENDIX G

EFFLUENT ELUTRIATE TEST (EET) DATA

(ELECTRONIC COPY OF REPORT PROVIDED ON CD)

APPENDIX H

ODORS AND EMISSIONS TEST DATA

(ELECTRONIC COPY PROVIDED ON CD)

APPENDIX I

COLUMN SETTLING TEST (CST) DATA

(ELECTRONIC COPY PROVIDED ON CD)

APPENDIX J

CAP DESIGN BENCH SCALE STUDY SUMMARY REPORT

APPENDIX K

WASTEBED 13 CPTU DATA

(ELECTRONIC COPY OF APPENDICES A THOUGH D PROVIDED ON CD)

APPENDIX L

WASTEBED 13 BORING/PIEZOMETER LOGS

(ELECTRONIC COPY PROVIDED ON CD)

APPENDIX M

SCA CONSOLIDATION, UU, AND CIU DATA

(ELECTRONIC COPY PROVIDED ON CD)

APPENDIX N

METEOROLOGICAL STATION DATA

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