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March 2, 2011

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Re: Letter of Transmittal – Onondaga Lake Repository Addition

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

- Final Onondaga Lake Pre-Design Investigation
Phase V Data Summary Report
January 2011

Sincerely,

John P. McAuliffe

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

Enc.

cc: Timothy J. Larson, NYSDEC

New York State Department of Environmental Conservation

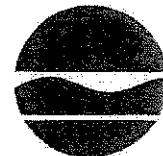
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Joe Martens
Acting Commissioner

March 1, 2011

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

Re: Onondaga Lake – Final PDI Phase V Data Summary Report, Dated January 2011
(PDI-18b)

Dear Mr. McAuliffe:

We have received and reviewed the above-referenced document, which was transmitted by your letter to my attention dated February 3, 2011, and find that the document has satisfactorily addressed our previous comments. Therefore the January 2011 version of the document is approved.

Please distribute copies of the document, containing this approval letter, to the document repositories selected for this site.

Sincerely,

A handwritten signature in black ink, appearing to read "Timothy J. Larson".

Timothy J. Larson, P.E.
Project Manager

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February 3, 2011

Mr. Timothy Larson
New York State Department of Environmental Conservation
Remedial Bureau D
625 Broadway, 12th Floor
Albany, NY 12233-7016

**RE: Onondaga Lake Bottom Subsite – Onondaga County, NY
Consent Decree 89-CV-815
Final Onondaga Lake Pre-Design Investigation
Phase V Data Summary Report
January 2011**

Dear Mr. Larson:

Enclosed you will find five bound copies, one unbound copy, and one electronic version of the Final Onondaga Lake Pre-Design Investigation Phase V Data Summary Report, dated January 2011. This document is being submitted in accordance with the above-referenced Consent Decree.

Please feel free to contact Tom Abrams at (315) 451-9560 or me if you have any questions.

Sincerely,

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

Enclosure

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ONONDAGA LAKE PRE-DESIGN INVESTIGATION PHASE V DATA SUMMARY REPORT

Prepared For:



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JANUARY 2011

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LIST OF ACRONYMS

ASTM	American Standard for Testing and Materials
BDOC	biologically available dissolved organic carbon
CPOIs	chemical parameters of interest
CU	consolidated undrained
DOC	dissolved organic carbon
DUSR	Data Usability Summary Report
FS	feasibility study
ILWD	in-lake waste deposit
IRM	Interim Remedial Measure
NYSDEC	New York State Department of Environmental Conservation
NYSDOT	New York State Department of Transportation
PDI	Pre-Design Investigation
QA/QC	quality assurance/quality control
QAPP	Quality Assurance Project Plan
RA	remediation area
ROD	Record of Decision
SAP	Sampling and Analysis Plan
SOLW	Solvay Waste
SMU	sediment management unit
SOP	standard operating procedures
SPT	standard penetration tests
SUNY-ESF	State University of New York College of Environmental Science and Forestry
USCS	Unified Soil Classification System
USEPA	United States Environmental Protection Agency
UU	unconsolidated undrained
VOC	volatile organic compound

EXECUTIVE SUMMARY

This Data Summary Report describes the information collected during the Onondaga Lake Phase V Pre-Design Investigation (PDI) conducted from June to December 2009. This report describes the sample locations, data collection methods, analyses and testing performed during the PDI, and includes a summary of the investigation results.

The Phase V PDI and addenda focused on collecting data to fill gaps in the existing data set and advancing many aspects of the conceptual design. The Phase V PDI involved the use of various sampling techniques, testing of environmental media (sediment, surface water, porewater, and biota), *in situ* (in place) observations, laboratory analysis, and bench-scale tests. Information gathered from the PDI will be combined with the existing lake data set for use during the remedial design.

Onondaga Lake was divided into eight different Sediment Management Units (SMUs) during the Feasibility Study (FS) and Record of Decision (ROD) process, based on water depth, sources of water entering the lake, and ecological and chemical risk drivers. Analysis of the data collected following the FS and ROD as part of four years of design-related investigation indicated that the SMU boundaries did not always accurately define the limits of the individual sub-areas of the lake. Therefore, Remediation Areas (RAs) have been developed to more accurately reflect the current understanding of in-lake conditions and to facilitate the design process.

SEDIMENT SAMPLING

Sediment samples were collected and processed using methods developed during the previous four phases of the PDI to obtain representative samples of sediment for lithology, geotechnical, and chemical analyses. The vibracore sample locations were selected to provide additional data to help develop a strategy for defining the extent of capping and dredging in Remediation Areas A, B, C, and E (SMUs 2 through 7), as well as address areas where exceedances of cleanup criteria for mercury have been detected in Remediation Area F (SMU 5) as part of Addendum 6 to the work plan.

***IN SITU* VANE SHEAR TESTING**

Vane shear tests were conducted in Remediation Areas A, B, C, and E primarily along the shoreline to assess sediment strength as it relates to the nearshore dredge cuts. The intended use of the nearshore vane shear test data is to support evaluation of appropriately “steep” slope angles aimed at reaching the planned dredge depth within the shortest horizontal distance from the shoreline as is practical, thereby removing the maximum amount of nearshore contaminated sediment. Additional vane shear tests were conducted farther from shore to account for variations in the sediment.

GEOTECHNICAL ANALYSIS OF SHALLOW SHELBY TUBE LOCATIONS

Shelby tubes were used to collect undisturbed samples of sediment in Remediation Areas A, B, C, and E for advanced laboratory strength testing. The laboratory strength data from these tubes will be used to support evaluations of slope stability of nearshore areas and ultimately the design of appropriate dredge plans in these areas. The Shelby tube locations and sample intervals were selected to be co-located with select vane shear locations, which will provide comparisons between the two strength measurements and will also be used to validate vane shear test measurements taken elsewhere in the lake where triaxial test data are not available.

BENCH SCALE TESTING – BIOLOGICAL DECAY

Sediment and porewater samples were collected in support of Addendum 2 to the Phase V PDI Work Plan (Parsons, 2009b). The scope was developed to supplement column study data conducted by the University of Texas during the Phase II-IV PDI for prediction of biological decay rates and to further examine the mechanisms controlling biological decay through an evaluation of sediment geochemical conditions, effects of nutrient addition, and the impacts of inoculation and bioaugmentation. Results from these studies can be used in conjunction with results from prior, ongoing, and potential future column studies to refine the biological decay rates used in cap chemical isolation modeling.

BOREHOLE DRILLING

Remediation Areas B, D, and E will be subject to dredging as part of the Onondaga Lake remediation. Borings were drilled and sampled in Remediation Areas B and D to provide information needed to assess dredge technologies, material transport, and Remediation Areas D and E to assess sediment strength and stability. A barge-mounted drill rig was used to drill 12 borings and a portable tripod rig was used to drill four borings in Remediation Areas B and D to sample the crusty in-lake waste deposit (ILWD) and marl. A 2-in. split spoon was used to collect sediment samples on 2-ft. intervals and SPTs. Sediment from each split spoon was placed in 1-quart jars and archived. Ten deep borings were drilled in Remediation Area E to assess sediment strength and stability. Split spoon samples and undisturbed sediment samples were collected from the marl and underlying silt/clay unit for testing.

SEDIMENT CORES-POREWATER

Porewater sediment cores were advanced to approximately 10 ft. or 12 ft. into the sediment in Remediation Areas A, B, C, and D using vibracore procedures outlined in the Phase I PDI Sampling and Analysis Plan (SAP) (Parsons, 2005). The cores were processed for porewater and raw sediment analysis as part of Addendum 3 to the Phase V Work Plan (Parsons, 2009c).

SEDIMENT CORES - GROUNDWATER

Sediment groundwater cores were advanced to a depth of 10 ft. in Remediation Areas A, B, and C and centrifuged for chloride and conductivity. The results will be used to develop chloride profiles. These chloride profiles will be used to estimate groundwater upwelling velocities and incorporated into the cap design.

HABITAT INVESTIGATION

The sampling activities associated with the Habitat Investigation were completed as Addendum 1 of the Phase V PDI Work Plan (Parsons, 2010).

Aquatic Macrophyte Survey

Aquatic macrophytes (plants) within the littoral zone of Onondaga Lake were characterized to understand the relationship between physical factors (e.g., substrate, energy, water depth) and the distribution of aquatic plants. In addition, analysis of seasonal changes was completed to document habitat conditions during the various fish life cycles (reproductive cover, juvenile cover, and adult cover) and potential limitations in habitat during any of these stages.

Evaluation of SMU 5 Structures

Structure evaluations were conducted in the shallow water areas of SMU 5 when water clarity was sufficient to see through 2 meters. Surveys were started in May 2009 prior to macrophyte establishment and continued through October 2009. Structure surveys were also conducted in selected areas of Otisco Lake and Oneida Lake during 2009. The qualitative surveys provided information on the type and amount of structure that could be incorporated into the remedial design.

Evaluation of Substrate Suitability

This task was designed to evaluate the natural recolonization of different substrate types (primarily coarse substrates and sand, likely to be the size of material with sufficient erosion resistance and available in the quantities needed for the habitat layer) by macrophytes, macroinvertebrates, and fish. The substrate suitability work was initiated in 2008 as part of the Phase IV PDI work.

METEOROLOGICAL STATION MONITORING

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. Meteorological stations were installed in 2006 at Wastebed 13 and in 2007 as part of the Phase II PDI in the area near SMU 1 to collect site specific data near the dredge zone.

SECTION 1

INTRODUCTION

This Data Summary Report describes the information collected during the Onondaga Lake Phase V PDI conducted from June to December 2009. This report describes the sample locations, data collection methods, analyses and testing performed during the PDI, and includes a summary of the investigation results.

Sampling and analyses were conducted in accordance with the Onondaga Lake Phase V PDI Work Plan and addenda (Parsons, 2009), 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 V PDI OBJECTIVES

Additional information is required before the remedial design can be fully implemented. The Phase V PDI focused on collecting additional data to advance many aspects of the conceptual design. The Phase V PDI Work Plan (Parsons, 2009) was intended to address several gaps that were identified within the existing data set. Additional PDI scopes were required in 2009 to advance the work described in the initial Phase V PDI Work Plan (Parsons, 2009). The additional scopes were submitted to the New York State Department of Environmental Conservation (NYSDEC) as addenda to that work plan.

The Phase V PDI (including associated Addenda listed in Table 1) involved various sampling techniques, environmental media (sediment, surface water, and porewater), *in situ* observations, laboratory analysis, and bench-scale tests. The Phase V information will be combined with the existing lake data set for use during the remedial design. An overall assessment of remaining data gaps for intermediate and/or final design will be conducted based on a review of data collected through the Phase V PDI.

1.2 REPORT ORGANIZATION

This report is organized into the following sections:

- Section 1: Introduction
- Section 2: Sediment Sampling and Analysis
- Section 3: Borehole Drilling and Analysis
- Section 4: Porewater Sampling and Analysis
- Section 5: Groundwater Evaluation
- Section 6: Habitat Investigation
- Section 7: Meteorological Station Monitoring
- Section 8: Data Management
- Section 9: References

1.3 REMEDIATION AREAS

Onondaga Lake was divided into eight different SMUs during the FS and ROD process, based on water depth, sources of water entering the lake, and ecological and chemical risk drivers. SMUs 1 through 7 are located in the shallow (littoral) zone of the lake (less than 30 ft. deep) where most aquatic vegetation and aquatic life reside, while SMU 8 consists of sediment in the deeper (profundal) zone (deeper than 30 ft.). These SMUs were developed for remedial alternative development and evaluation purposes. Also, the ROD-specified remedy presented the required in-lake portions of the remedy on a SMU-specific basis. These SMU-specific ROD requirements will be met during remedy design. However, analysis of the data collected following the FS and ROD as part of four years of design-related investigation indicated that the SMU boundaries did not always accurately define the limits of the individual sub-areas of the lake. Therefore, the design now uses “Remediation Areas” to better describe the different areas of remediation.

To more accurately reflect the current understanding of in-lake conditions, the littoral area remediation has been redefined into Remediation Areas A through F as shown in Figure 1. The limits and boundaries of these remediation areas were established based on data collected through Phase IV of the PDI. As more design-related investigations are completed, further characterization of the in-lake conditions is achieved, and the capping and dredging plans are developed, these areas will be refined if necessary. Remediation area refinements will also consider constructability limitations, and may be divided into sub-areas based on dredging and capping design considerations. A summary description of the remediation areas associated with Phase V PDI sampling is provided below.

Remediation Area A

This area is associated with sediment contamination resulting from discharges of mercury and other chemical parameters of interest (CPOIs) from Ninemile Creek into SMU 4 and adjacent areas in SMUs 3 and 5.

Remediation Area B

This area includes several separate sub-areas in SMU 3 which are associated with offshore impacts from Wastebeds 1-8. However, it excludes the portions of SMU 3 that are included in Remediation Areas A and C.

Remediation Area C

This area is offshore of the New York State Department of Transportation (NYSDOT) turn-around area and the Willis/Semet Interim Remedial Measure (IRM) barrier wall. It includes a small portion of the southern tip of SMU 3. Most of Remediation Area lies within SMU 2, but does not include the western-most portion of the ILWD. The localized area around Sample Location S48 is also included in Remediation Area C. This sample location does not exceed remediation criteria, but showed chironomid mortality greater than 50 percent during the RI. The remediation boundary around Sample Location S48 was based on connecting “clean-to-clean” data points surrounding S48, consistent with other remedial area delineation.

Remediation Area D

Remediation Area D includes all of SMU 1 and portions of SMUs 2, 7, and 8 that contain the ILWD.

Remediation Area E

This area includes all of SMU 6, and portions of SMU 5 and 7. The area of ILWD within SMU 7 is included as part of Remediation Area D.

Remediation Area F

This includes small areas of impacted sediment north of Remediation Area A and on the north-eastern shore within SMU 5.

SECTION 2

SEDIMENT SAMPLING AND ANALYSES

Sediment samples were collected and processed using methods developed during the Phase I PDI to obtain representative samples of sediment for lithology, bench-scale testing, geotechnical testing, and chemical analyses.

2.1 VIBRACORES

Vibracore sample locations are shown on Figures 2 through 6, and were selected to supplement previous investigations and advance remedial design of Remediation Areas A, B, C, E, and F (SMUs 2 through 7). A summary of analytical and geotechnical testing assignments is presented in Tables 2A and 2B.

Sediment vibracores were completed in a two-step approach for Remediation Areas A, B, C, and E. As discussed in the Phase V PDI Work Plan (Parsons, 2009), samples were collected from priority locations to refine proposed cap boundaries and/or to assess nearshore dredge depths. Priority locations are indicated in bold text on Table 2A. Based on the analytical results from the initial scope of work, additional sediment locations were collected as stated in a letter work plan to the NYSDEC titled Phase V Pre-Design Investigation – Additional Sediment Sampling dated September 22, 2009.

Vibracores were advanced as shallow as 1 ft. and as deep as 15 ft. The different sample depths are based on collection of at least two intervals below criteria exceedance depths from previous sample locations in the vicinity of the Phase V PDI locations. Generally, vibracore sample recovery is less than the penetration depth. During this scope of work, the vibracore penetration depth exceeded the sampling depth at some locations to achieve sample volume for all targeted intervals. For locations where recovery was greater than the target depth (indicated on the sediment logs in Appendix B), excess sediment was brought to shore and disposed. Due to factors such as material consistency at some locations, full recovery of the sediment was not always possible. A summary of analytical results is presented in Tables 3 and 4; and a summary of geotechnical testing is presented in Table 6A. Sample locations are presented on Figures 2 through 6. Sediment logs for each location are included in Appendix B.

2.1.1 Sampling

Remediation Area A

As shown on Figure 2, a total of 40 vibracores were advanced in Remediation Area A. Ten 4-ft. cores (OL-VC-30096, 30097, 30098, 30144, 30145, 50066, 50067, 50068, 50074, and 50075) and two 1-ft. cores (OL-VC-30068 A and 50068 A) were collected in SMUs 3 and 5 to refine the east and west extent of the proposed cap boundary. Six cores were advanced to 4 ft. (OL-VC-40225, 40226, 40227, 40230, 40231, and 40232) and three cores were advanced to 10 ft. (OL-VC-40216, 40217, and 40218) approximately 50 ft. from the shoreline in SMU 4 to assess nearshore dredge depth requirements and potentially refine the dredge boundary. The remaining 19 cores were advanced to 4 ft. (OL-VC-40213, 40214, 40224, 40228, 40229, 40233,

and 40234 through 40237), 8 ft. (OL-VC-40251, 40252, and 40253), or 10 ft. (OL-VC-40215, 40219, and 40220 through 40223) in SMU 4 to assess dredge depth requirements and refine the proposed cap or dredge boundary. Cores were sectioned into 1-ft. intervals and processed onshore. At six locations where mercury PEC exceedances were previously observed (indicated by italic text on Table 2A) the top 1 ft. was sub-sectioned into 0.5-ft. intervals to provide higher resolution. The remaining samples were analyzed on 1-ft. intervals. Samples were sent to Accutest Laboratory (Accutest) or Lancaster Laboratories (Lancaster) for chemical analyses as specified in Table 2A.

Remediation Area B

A total of 42 vibracores were advanced in Remediation Area B (SMU 3) as shown on Figure 3. Six locations were advanced to 1 ft. (OL-VC-30105A, 30106A, 30107A, 30114A, 30117A, and 30118A), nine locations were advanced to 4 ft. (OL-VC-30146 through 30154), and 17 locations were advanced to 6 ft. (OL-VC-30099 through 30107, 30114 through 30121) to refine the proposed cap boundary of the area. The remaining ten locations were advanced to 8 ft. (OL-VC-30108 through 30113, and 30122 through 30125) to assess dredge depth requirements and/or potentially refine the proposed cap or dredge boundaries. Cores were sectioned into 1-ft. intervals and processed onshore. At 15 locations where mercury PEC exceedances were previously observed (indicated by italic text on Table 2A), the top 1 ft. was sub-sectioned into 0.5-ft. intervals to provide higher resolution. The remaining samples were processed on 1-ft. intervals. Samples were sent to either Accutest or Lancaster for chemical analyses as specified in Table 2A.

Remediation Area C

As shown in Figure 4, a total of 35 vibracores were advanced in Remediation Area C. One 1-ft. core (OL-VC-30126A), two 4-ft. cores (OL-VC-30155 and 30156), and three 6-ft. cores (OL-VC-30126, 30127, and 30128) were advanced in SMU 3 to refine the north end of the proposed cap boundary. One 1-ft. core (OL-VC-20172A) and three 4-ft. cores (OL-VC-20195, 20196, 20197) were advanced in SMU 2 to supplement data from previous PDI efforts along the proposed dredge and cap boundary. Nine cores were advanced to 6 ft. (OL-VC-20171, 20172, 20173, 20175, 20176, 20181, 20182, 20183, and 20186) in SMU 2 to provide additional data between two proposed sub-remediation areas and to refine dredge and cap boundaries. Five cores were advanced up to 12 ft. (OL-VC-20161 through 20164, and 20185) in SMU 2 to assess nearshore dredge depth requirements. The remaining 11 locations were advanced to 6 ft. (OL-VC-20166 through 20170, 20174, 20177 through 20180, and 20184) in SMU 2 to potentially refine the dredge boundary.

Location OL-VC-20184 was proposed to be a 12-ft. vibracore. However, due to the soft nature of the material, the maximum recovery that was obtained from this location was 6 ft. OL-VC-20184 was re-classified from a 12-ft. core to a 6-ft. core as indicated on Table 2A. Location OL-VC-20165 was proposed as a 12-ft. core near the NYSDOT turnaround area in SMU 2. Due to the nature of the material (fill/slag/debris), the vibracore equipment encountered repeated refusal at 3.5 ft. resulting in sample recoveries less than 2 ft. The location was abandoned due to insufficient sample recovery and no analytical samples were processed from this location.

Refusal was encountered at 9 ft. for OL-VC-20164 (NYSDOT turnaround area) with a maximum recovery of 8 ft. due to the gravel/slag/fill in that area. In an attempt to obtain additional data, a barge-mounted drill rig was used to sample below 8 ft. After setting up on location, a 4-in. diameter casing was advanced to 8 ft. below the mudline. Once at 8 ft., continuous sampling was attempted using a 2-in. diameter split spoon. Refusal was encountered at 10 ft. below the mudline and only 1 ft. of recovery was obtained in the split spoon. Depth interval (8 to 9 ft.) was submitted to the lab for chemical analysis as indicated in Table 2A.

Cores were sectioned into 1-ft. intervals and processed onshore with the exception of the 8 to 9 ft.-interval from location OL-VC-20164 as described above. At seven locations where mercury PEC exceedances were previously observed (indicated by italic text on Table 2A), the top 1 ft. was sub-sectioned into 0.5-ft. intervals to provide higher resolution. The remaining samples were processed on 1-ft. intervals. Samples were sent to Accutest or Lancaster for chemical analyses as specified in Table 2A.

Remediation Area E

A total of 37 vibracores were advanced in Remediation Area E as shown in Figure 5. Four 4-ft. cores (OL-VC-50069, 50070, 50072, and 50073) and two 1-ft. cores (OL-VC-50069A, 50070A) were advanced in SMU 5 to confirm the north end of the proposed cap boundary. Seven cores were advanced to 6 ft. (OL-VC-60229, 60233 through 60237, and 70126), two cores were advanced to 8 ft. (OL-VC-60230, 60232), two 10-ft. cores (OL-VC-60231, 60231A) and one core was advanced to 15 ft. (OL-VC-70128) along the shoreline of SMUs 6 and 7 using a tripod system to assess dredge depth requirements and the dredge boundary. The remaining 19 cores were advanced 6 ft. (OL-VC-60242 through 60252, 60260, 60261, 70134, 70136, 70137, and 70138), 8 ft. (OL-VC-60253), or 10 ft. (OL-VC-70135) in SMUs 6 and 7 to assess dredge depth requirements and/or alignment of the proposed dredge/cap boundaries. Cores were sectioned into 1-ft. intervals and processed onshore. At four locations where mercury PEC exceedances were previously observed (indicated by italic text on Table 2A), the top 1 ft. was sub-sectioned into 0.5-ft. intervals to provide higher resolution. The remaining samples were processed on 1-ft. intervals. Samples were sent to Accutest or Lancaster for chemical analyses as specified in Table 2A.

Remediation Area F/SMU 5

As shown in Figure 6, a total of 12 sediment vibracores were advanced to 3 ft. in Remediation Area F/SMU 5 as part of Addendum 6 to the Phase V PDI Work Plan (Parsons, 2009a) to further assess areas where the cleanup criteria for mercury has been exceeded. Samples were collected to assess vertical and horizontal extent of contamination at locations S-95 and S-111, to refine the eastern and southern boundaries for S-111, and to supplement elevated 2004 results in the vicinity of location S-108. Cores were processed in 1-ft. intervals onshore. Samples were sent to Lancaster for chemical analyses as specified in Table 2B.

2.1.2 Laboratory Analysis

Sediment samples were submitted for laboratory analysis and testing as listed in Tables 2A and 2B. A summary of chemical results for these samples is presented in Tables 3 and 4. The chemical data were validated in accordance with the United States Environmental Protection

Agency (USEPA) validation protocols as described in the Data Usability Summary Report (DUSR) in Appendix A.

2.2 IN SITU VANE SHEAR TESTING

Vane shear tests were conducted in Remediation Areas A, B, C, and E. Testing was completed at a total of 47 locations as shown on Figures 2 through 5 and listed in Table 2C. The vane shear tools used during Phase V were similar to the tools used during the Phase I PDI to measure the undrained shear strength and the residual shear strength of the lake sediments. Starting from the top of the sediment-water interface, vane shear was measured at 1-, 2-, and 3-ft. depth intervals (distance measured from the sediment surface to the middle of the vane). Some vane shear tests were unable to be completed to target depth as indicated in Table 2C and summarized below:

- OL-VS-20170, 60236, 60238, 60239, 60241, and 70128 were unable to be completed due to refusal at the surface.
- OL-VS-20167, 20186, 60235, and 70127 were unable to be completed to target depth due to refusal 1 ft. below the mudline.
- OL-VS-20185 was unable to be completed because the water was too deep for the equipment to collect readings.
- OL-VS-20186 was unable to be completed past 1 ft. because the water was too deep for the equipment to collect readings.

In situ vane shear testing was conducted primarily along the shoreline to assess sediment strength as it relates to the nearshore dredge cuts. Additional vane shear test locations were conducted farther from shore to account for variations in the sediment.

Forty-four vane shear tests were co-located with some of the sediment vibracores described in Section 2.1 and shown on Figures 2 through 5. Sediment samples were collected and analyzed for geotechnical testing as listed in Table 2A. The results were used to correct the vane shear readings summarized on Table 5.

2.3 GEOTECHNICAL ANALYSIS OF SHALLOW SHELBY TUBE LOCATIONS

Shelby tubes were used to collect undisturbed sediment samples in Remediation Areas A, B, C, and E for laboratory performance (e.g., strength) and geotechnical testing indicated on Table 2C and summarized on Tables 6A through 6D. For locations where water depth was greater than 2 ft., Shelby Tubes were collected from a barge. Where water was too shallow for access by a barge, a floating platform was used in accordance with Standard Operating Procedure (SOP) 27 (Parsons, 2009). At locations where a floating platform was required due to water depth, the maximum depth for obtaining Shelby tubes was 3 ft. below the mudline. Therefore, at nearshore location OL-ST-20163 near the NYSDOT turnaround in Remediation Area C (SMU 2 on Figure 3), which has a water depth less than 2 ft., the proposed sample from 7 ft. to 9 ft. below the mudline could not be collected.

The geotechnical data from these samples will be used to support slope stability evaluations of nearshore areas and support dredging. Data will be used in conjunction with the vane shear test measurements that were also conducted at shallow depths in the near-shore area.

2.4 BENCH-SCALE TESTING - BIOLOGICAL DECAY BATCH STUDIES

Sediment and porewater samples were collected as part of the Phase V Addendum 2 Work Plan (Parsons, 2009b) using vibracore equipment in accordance with the procedures outlined in the Phase I PDI SAP (Parsons, 2005). The Phase V Addendum 2 work scope was developed to supplement the Phase III and IV column study evaluations conducted by the University of Texas for prediction of biological decay rates and to further examine the mechanisms controlling biological decay through an evaluation of sediment geochemical conditions, effects of nutrient addition, and the impacts of inoculation and bioaugmentation. These studies will produce results which can be used in conjunction with results from prior, ongoing, and potential future column studies to refine the biological decay rates used in cap chemical isolation modeling.

Cores were collected in triplicate at three locations in Remediation Area D (SMU 1), six locations in Remediation Area E (SMU 6 and SMU 7), and at one location in Remediation Area F (SMU 5). Sample locations were positioned in areas where Phase II PDI slurry experiments demonstrated contaminant loss under anaerobic conditions (i.e., OL-STA-10117, OL-STA-60100, and OL-STA-70049). Sample locations are shown on Figures 5 and 6 and listed below.

- Remediation Area D : OL-STA-10115, OL-STA-10117, and OL-VC-10188
- Remediation Area E: OL-STA-60100, OL-PP-60105, and OL-VC-60216, OL-STA-70048, OL-STA-70049, and OL-STA-70050
- Remediation Area F: S100

Sample locations and volume collected are presented in Table 2D. The details and results of this evaluation will be submitted under separate cover at a later time.

SECTION 3

BOREHOLE DRILLING AND ANALYSES

Remediation Areas B, D, and E will be subject to dredging as part of the Onondaga Lake remediation. Borings were advanced in Remediation Areas B, D, and E to provide information needed to assess dredge technologies, material transport, and to assess sediment strength and stability.

3.1 REMEDIATION AREA B AND D DREDGABILITY

Remediation Area D is comprised of the ILWD consisting predominately of Solvay waste (SOLW) although some areas have an overlying layer of natural sediments. The texture of the ILWD material can vary significantly, ranging from a very soft consistency to a hard crusty material. In order to evaluate the most efficient and suitable technology for dredging and transporting material from Remediation Area D, additional field sampling was conducted to assess the geotechnical properties of the hard crusty material. Soil boring sample locations are shown on Figure 7. After review of standard penetration test (SPT) results from each location, it was determined that sending samples for geotechnical analysis was not needed. Sediment boring logs for each location are included in Appendix B.

Using a barge mounted drill rig, five borings (OL-SB-10177, 10180, 10185, 10186, and 10187) were advanced 10 ft. and five borings (OL-SB-10176, 10178, 10179, 10181, and 10182) were advanced 20 ft. below the mudline at ten locations within the ILWD. These locations, which are within the anticipated dredge prism, were selected based on the following:

- Hard crusty material was known to be present in the area.
- During previous investigations the presence of hard crusty material prevented a vibracore sampler from reaching target penetration, offsetting several times was necessary to obtain a sample, and/or crust layers greater than 1-in. thick were collected in vibracore samples.

Borings were advanced with a 4-in. flush-joint casing from the sediment/water interface. SPT were performed continuously per American Standard of Testing and Measure (ASTM) D1586 to a depth of 10 ft. or 12 ft. depending on location to assess dredgability. SPT values are the dredge industry's indication of cutting difficulty, and are used by the dredging company to predict limitations on the production of a dredge (Turner, 1996). Boring OL-SB-10176 was moved approximately 80 ft. from proposed location due to shallow water depths. Two boring locations (OL-SB-10185 and OL-SB-10186) were not accessible by barge and were completed using a tripod with portable cat-head.

SOLW is also present in Remediation Area B (SMU 3). As shown on Figure 3, four additional borings (OL-SB-30140 through 30143) were advanced to a depth of 20 ft. to assess dredgability of the SOLW in this area. Drilling locations were selected after review of data collected during vibracore sampling completed earlier in the field season from the Phase V PDI.

3.2 REMEDIATION AREA D STABILITY INVESTIGATION

To assess the stability of the ILWD, four borings (OL-SB-10183, 10184, 10189, and 70139) were advanced to depths ranging from 28 ft. to 55 ft. below the mudline. Locations are shown on Figure 7. The boring locations were selected to supplement existing SOLW and marl strength data within the ILWD. Using a barge-mounted drill rig, each boring was advanced with a 4-in. flush joint casing from the sediment/water interface. Locations OL-SB-10189 and 70139 were sampled continuously using a 2-in. diameter 2-ft. split spoon to target depth. Locations OL-SB-10183 and 10184 were sampled in accordance with Table 3A of the Phase V PDI Work Plan (Parsons, 2009). Undisturbed samples were collected and sent for geotechnical testing as indicated on Table 2E and summarized on Tables 6A through 6D.

3.3 EAST WALL/DREDGE STABILITY INVESTIGATION

Dredging is anticipated along the shoreline of Remediation Area E, more specifically, in SMU 7 where there is also the potential for an east wall extension. This portion of SMU 7 is paralleled by the CSX rail line. To assess potential impacts on the rail line from dredging and activities associated with wall extension activities, additional sampling in borings and laboratory testing of undisturbed samples were conducted to gain a better understanding of slope stability in this area. Boring locations are shown on Figure 5.

3.3.1 Sediment Sampling

Ten deep borings (OL-SB-60254 through 60259 and OL-SB-70130 through 70133) were advanced into the silt/clay unit at depths ranging from 70 ft. to 82 ft., as shown on Figure 5. Continuous split-spoon samples were collected 20 ft. into the silt/clay unit and two to four undisturbed samples were collected in the marl and two undisturbed samples were collected in the silt/clay unit (Tables 6A through 6D). Initially, two split-spoon samples were collected to start the boring. Variable thicknesses of soft silt and sand were encountered above the marl. However, undisturbed samples were not collected in the silt and sand because the overall thickness was not sufficient. Split-spoon sampling continued until the proposed undisturbed sample intervals were reached for the marl and the silt/clay unit. Borings were terminated within the silt/clay unit. Each borehole was grouted with cement-bentonite grout, and all casing was removed at the completion of drilling and sampling activities. Drill cuttings that were carried to the surface were initially contained in the re-circulation tub on the drill barge deck and transferred to 55-gallon drums. The drums were transferred to shore and emptied into a designated sediment roll-off.

3.3.2 Processing and Analysis

Split spoon samples were visually examined in the field, and physical characteristics were documented using the Unified Soil Classification System (USCS). After review of the boring logs from each location, samples were selected and sent to the laboratory for testing. Results are presented in Tables 6A through 6D. Only samples from a depth of 30 ft. or less were submitted for unconsolidated undrained (UU) testing because of sample depth limitations associated with this method. Consolidated undrained (CU) tests were performed on samples collected above and below a depth of 30 ft.

SECTION 4

POREWATER SAMPLING AND ANALYSES

Porewater samples were collected to supplement existing porewater data for use in chemical isolation layer modeling, as well as to refine the modeling area boundaries in Remediation Areas A, B, C, and E. Porewater samples were collected as part of Addendum 3 to the Phase V PDI Work Plan (Parsons, 2009c).

4.1 SEDIMENT CORES-POREWATER

4.1.1 Sampling

Porewater sediment cores were advanced to approximately 10 ft. or 12 ft. into the sediment in Remediation Areas A, B, C, and E using vibracore procedures outlined in the Phase I PDI SAP (Parsons, 2005). Due to factors such as material consistency, full recovery of the target sample depth was not always possible. Actual recovery depths are indicated on Table 2F. Following extraction, each core was sectioned into 2-ft. intervals starting from the top of the sediment, capped, sealed, and shipped to the laboratory for processing of porewater and raw sediment analyses as described in Table 2F and summarized in Tables 7A and 7B. Sample locations are shown on Figures 8 through 11.

Location OL-VC-40256 was proposed to be a 12-ft. vibracore. However, due to the soft nature of the material, the maximum recovery that was obtained from this location was 10 ft. Therefore, OL-VC-40256 was re-classified from a 12-ft. core to a 10-ft. core as indicated in Table 2F. Locations OL-VC-20193 and OL-VC-20194 were proposed as 10-ft. cores near the NYSDOT turnaround area in SMU 2. The vibracores attempted at these locations encountered poor recoveries due to the nature of the material (fill/slag/debris). In an attempt to obtain the desired sample volume, the locations were offset until 70 percent or greater recovery was collected. Location OL-VC-20193 was offset approximately 130 ft. and OL-VC-20194 was offset approximately 160 ft. the proposed target coordinates.

The work plan stated that a co-located core would be collected for raw sediment analysis at each porewater location. However, the sample volume available from one core to analyze both centrifuged porewater and raw sediment was sufficient; therefore a co-located sediment core was not collected.

4.1.2 Processing and Analysis

The cores collected during this portion of the Phase V PDI were processed and analyzed in accordance with the Phase IV PDI Work Plan and SOPs (Parsons, 2008). Raw sediment from these cores was analyzed for volatile organic compound (VOC) CPOIs, pH, mercury, organic carbon, percent solids, and specific gravity. Porewater generated from these cores was analyzed for mercury, VOC CPOIs, pH, and organic carbon as indicated in Table 2F and summarized in Tables 7A and 7B.

4.2 BENCH SCALE TESTING - BIODECAY BATCH STUDIES**4.2.1 BDOC Evaluation**

As part of the evaluation scoped in Phase V Addendum 2, additional testing was conducted to evaluate the biologically available dissolved organic carbon (BDOC) in Remediation Area D (SMU 1). Seven locations were selected throughout Remediation Area D to represent the range of dissolved organic carbon (DOC) observed in this area (Figure 7).

Porewater was collected from existing groundwater upwelling pumps in Remediation Area D (SMU 1) in accordance with SOP 16 (Parsons, 2005b). Upwelling locations TR03-A, TR04-B, and TR05-B were selected as the most viable locations because of their proximity to the shoreline, the integrity of the apparatus installed at each location, and the ability to locate the apparatus tubing for sampling. As discussed with DEC, sampling from the upwelling pumps was done as a modification to the work plan. Locations were purged prior to filling the laboratory provided sample containers.

Porewater sediment cores were advanced 10 ft. at four locations (OL-VC-10139, 10156, 10160, and Ol-STA-20104) in Remediation Area D (Figure 7) using vibracore procedures outlined in the Phase I PDI SAP (Parsons, 2005). Each core was sectioned into 2-ft. intervals starting from the top, capped, sealed, and shipped to Lancaster for porewater centrifuge as indicated on Table 2D. The details and results of this evaluation will be submitted under separate cover at a later date.

SECTION 5

GROUNDWATER EVALUATION

Centrifuged groundwater was collected from 23 locations in Remediation Areas A, B, and C as shown on Figures 12, 13, and 14 to supplement existing data, refine chloride profiles, and estimate upwelling velocities. Chloride profiles will be used to estimate upwelling velocities and upwelling velocities will be used to support remedial design activities associated with isolation capping and dredge design along the shoreline.

5.1 SEDIMENT CORES - GROUNDWATER

The intervals specified on Table 2G were selected to focus data collection near the sediment-water interface, which is used to interpret the chloride profiles. The vibracores were advanced to 10 ft., cut into 1-ft. sections, capped, and brought to shore for logging and processing. Sediment was extruded vertically onshore into the sample intervals described in Table 2G. Due to limited sample volume with the fine intervals, major cations and anions were analyzed only on deeper samples to calculate the ion balance in these cores. Sample processing and analysis were conducted in accordance with the Phase I QAPP (Parsons, 2005a). Vibracore logs for each location are included in Appendix B.

Remediation Area A

Fifteen locations (OL-VC- 30129, 40238 through 40250, and 50071) were advanced in Remediation Area A as shown on Figure 12. One core in SMU 3, thirteen cores in SMU 4, and one core in SMU 5. Locations were selected to assess upwelling rates along the proposed cap boundary, upwelling rates within the proposed dredge areas, and to assess the range of upwelling velocities used for isolation cap modeling. A summary of analytical results is presented in Table 8.

Remediation Area B

Four locations (OL-VC-30130 through 30133) were advanced in Remediation Area B (SMU 3) as shown on Figure 13. These locations were selected to assess upwelling rates within the proposed cap boundary, but outside of areas where SOLW is present. Samples from these locations were also analyzed for pH because of the proximity to the SOLW. A summary of analytical results is presented in Table 8.

Remediation Area C

Four locations (OL-VC-20187 through 20190) were advanced in the SMU 2 portion of Remediation Area C as shown on Figure 14. These locations were selected to assess upwelling rates within the proposed dredge area adjacent to the NYSDOT turnaround. This data may be used to evaluate the capping option if contamination depth prevents use of a dredge-only approach for this area. Due to the nature of the material (fill/slag/debris) at location OL-VC-20191, the vibracore equipment encountered repeated refusal at less than 3.5 ft. resulting in recoveries of 2 ft. The location was abandoned due to insufficient sample volume and no analytical samples were processed from this location. The vibracores attempted at OL-VC-

20187, 20189, and 20190 encountered poor recoveries due to the nature of the material (fill/slag/debris). In an attempt to obtain the desired sample volume, the locations were offset until 70 percent or greater recovery was collected. A summary of the analytical results is presented in Table 8.

5.2 LABORATORY ANALYSIS

Shallow vibracore sampling was conducted in Remediation Areas A, B, and C to collect sediment for groundwater centrifuge chemical analyses (Table 2G). A summary of analytical results for these samples is presented in Table 8. The chemical data were validated in accordance with the USEPA validation protocols as described in the DUSR (Appendix A).

SECTION 6

HABITAT INVESTIGATION

The sampling activities associated with the Habitat Investigation were completed as Addendum 1 of the Phase V PDI Work Plan (Parsons, 2010). Three sampling efforts were conducted to collect additional data to evaluate habitat conditions in the lake. Activities associated with this investigation were conducted in accordance with the SOPs submitted with the Addendum 1 Work Plan (Parsons, 2010).

6.1 AQUATIC MACROPHYTE SURVEY

Aquatic macrophytes within the littoral zone of Onondaga Lake were characterized to understand the relationship between physical factors (e.g., substrate, energy, water depth) and the presence of aquatic macrophytes, including the two threatened and endangered species currently known to exist in the lake. In addition, analysis of seasonal changes were completed to document habitat conditions during the various fish life cycles (reproductive cover, juvenile cover, adult cover) and potential limitations in habitat during any of these stages. The survey methods used were similar to methods used during the Phase IV PDI, Addendum 1 scope of work (Parsons, 2008a).

During each sampling event, biomass samples were collected at 120 locations: 60 locations within the dredge and cap areas, 20 locations in the cap-only areas, and 40 locations in the unremediated areas. This distribution was a slight deviation from 2008 sampling due to limitations of the sampling device to a water depth of 9 ft. or less. The cap areas do not cover a large enough area to include 40 biomass locations; therefore, 20 locations were added to the cap and dredge areas to maintain the same original balance between unremediated (40 locations) and remediated areas (80 locations). The same areas sampled in 2008 were used, with the addition of the 20 locations noted above.

Aquatic macrophyte species composition and distribution were characterized monthly from May to October along the same points sampled in 2008 that are distributed approximately every 2 acres (total of 397 points) in 0- to 23-ft. water depths to allow for evaluation of changes in the size and shape of the macrophyte bed and species composition over the growing season. The details of the procedures, methodology, and results are reported in Appendix C.

6.2 EVALUATION OF STRUCTURES IN SMU 5

This scope of work was designed to evaluate structure in the shallow water areas of SMU 5 (approximately 7 ft. water depth or less). Based on existing fisheries data from Onondaga County and SUNY ESF, SMU 5 represents the most productive portion of Onondaga Lake and serves as a reference condition for other portions of the lake where remediation will occur. Structure evaluations were conducted when water clarity was sufficient to see at least through 6.6 ft. of water and conditions were calm. Sampling was started prior to the majority of macrophyte establishment so that visibility was not reduced. Surveys were conducted by surveying the area by boat and visually identifying underwater structures. The details of the procedures,

methodology, and results are reported in Appendix C. Structure surveys were also conducted in selected areas of two reference lakes (Otisco Lake and Oneida Lake) during 2009. The qualitative surveys from these reference lakes provided information on the type and amount of structure that could be incorporated into remedial design. The details of the procedures, methodology, and results are reported in Appendix C.

6.3 EVALUATION OF SUBSTRATE SUITABILITY

This scope of work was designed to evaluate the natural recolonization of different substrate types (primarily coarse substrates and sand, likely to be the size of material with sufficient erosion resistance and available in the quantities needed for the habitat layer) by macrophytes, macroinvertebrates, and fish. Recolonization was evaluated for three substrate types and three energy regimes.

A subset of nine plastic wading pools, installed as part of the Phase IV PDI, Addendum 1 scope, was sampled for macroinvertebrates at each location during one sampling event conducted on May 27, 2009 in accordance with the Phase IV Addendum 1 Work Plan (Parsons, 2008a). Three pools of each substrate type (sand, sand/gravel mixture, gravel/cobble mixture) were sampled at each site. For each pool, a control sample was taken outside of the pool. Overall, taxa from 13 orders were identified in the swimming pools, but several taxa dominated: bivalves (primarily zebra and quagga mussels), chironomids, amphipods, and oligochaetes.

Fifty-four pools were installed in 2008 as part of the Phase IV PDI, Addendum 1 scope. Only 48 were sampled on June 11, 2009. Six pools were lost from Bloody Brook due to storm events. Samples were submitted to the laboratory for total organic carbon and grain size analysis. The details of the procedures, methodology, and results are reported in Appendix C.

SECTION 7

METEOROLOGICAL STATION MONITORING

7.1 METEOROLOGICAL STATIONS

A meteorological station was installed in 2007 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-meter meteorological tower similar to the one currently operating at Wastebed 13 (installed as part of the Phase I PDI). The solar-powered tower at Wastebed 13 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 D. These data will be used in the air quality evaluation that is being conducted for the project.

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

Sensory instrumentation and data acquisition hardware have been used with software that fully meet 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 8

DATA MANAGEMENT

8.1 DATA MANAGEMENT

8.1.1 Field Database

An electronic database was developed for the Phase V PDI to ensure consistency in field sample ID assignment and compatibility with the Locus Focus® data management system. The database recorded sample descriptions, assigned field sample IDs, and reproduced chains of custody. The data collection program for the Phase V field program was similar to the one used during the Phase IV PDI.

8.1.2 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 20 samples for each sample medium (sediment, porewater, surface water, and macrophyte organisms). All field QA/QC samples were identified using standard sample identifiers and collected in accordance with the Phase I PDI QAPP (Parsons, 2005a).

8.1.3 Sample Holding

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

8.1.4 Sample Collection and Recordkeeping

Samples were collected and managed by the field database as described in Section 8.1.1 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.

8.1.5 Data Validation

Analytical data generated during the investigation activities were 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.

8.2 QUALITY ASSURANCE/QUALITY CONTROL

The sample names, QA/QC procedures, sample collection, data entry, and data validation for this portion of the work was conducted in accordance with the Phase I PDI SAP (Parsons, 2005). Deviations from these procedures were discussed with NYSDEC prior to execution of the work and qualified in the final data report if dictated by experimental process limitations during bench studies.

Analytical data were collected in accordance with the Onondaga Lake QAPP (Parsons, 2005a). The data were evaluated in relation to the established laboratory and project control limits for accuracy and precision with factors impacting data quality being identified in the laboratory analytical report. Results of this evaluation are presented in the DUSR (Appendix A).

SECTION 9**REFERENCES**

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TABLES

TABLE 1
TASK SUMMARY

Task	Objective	Location	Primary Activity
Sediment Investigation	Supplement sediment data to further define the extent of capping and dredging in SMUs using a two phase approach.	Remediation Areas A-C , E	Collect sediment cores up to 15 feet using vibracore methods for chemical and geotechnical analyses.
Groundwater Investigation	Collect shallow vibracores to generate sediment porewater to estimate groundwater upwelling velocities through the shallow sediments. The rate of groundwater discharge into the lake is a critical design parameter of the sediment isolation cap.	Remediation Areas A, B, and C	Collect shallow (up to 12 feet) vibracores for centrifuge for chemical analyses on porewater and raw sediment.
Lake Meteorological Station	Develop most realistic predictions of remediation related emissions by collecting site specific meteorological data, collect data to support dispersion modeling.	Lakeshore near SMU 1, Wastebed 13	Collect continuous weather data at each location.
Habitat (Addendum 1)	Characterize aquatic macrophytes, evaluate habitat structures in SMU 5, and evaluate the natural recolonization of different substrate types (primarily coarse substrates and sand, likely to be the size of material with sufficient erosion resistance and available in the quantities needed for the habitat layer) by macrophytes, macroinvertebrates, and fish.	Lakewide	1) Conduct aquatic macrophyte characterization monthly and biomass sampling. 2) During clarity periods survey areas of SMU 5 for habitat structures. 3) Sampling of pools installed as part of Phase IV Addendum 1 Work Plan to evaluate if recolonization
Biological Decay Batch Studies (Addendum 2)	Supplement column study data for prediction of biological decay rates and further examine the mechanisms controlling biological decay	Remediation Areas D and E	Collected triplicate vibracores up to 4.5 feet for geotechnical and chemical analyses.
Porewater Investigation (Addendum 3)	Characterize porewater concentrations in areas where capping is part of lake remedy.	Remediation Areas A and B	Collect shallow (up to 12 feet) vibracore samples to analyze for chemical and geotechnical properties and porewater concentrations.
SMU 8 PECQ Sampling (Addendum 4) ¹	Fill data gaps and further delineate areas of SMU 8 where the mean PECQ sediment concentration exceeds 1.	SMU 8	PECQ activity deferred to Phase VI of the PDI Investigation.
Wastebeds 12 and 13 SCA Geotechnical Investigation (Addendum 5) ²	Obtain data for the preparation of water treatment plant foundation design.	Wastebeds 12 and 13	SCA activity deferred to first quarter of 2010
SMU 5 Sampling (Addendum 6)	Address areas where exceedance of cleanup criteria for mercury has been identified.	Remediation Area SMU 5	Collect shallow (up to 4 feet) vibracores using vibracore methods for chemical analyses.

Notes:

1. Data summary reporting for this activity will be issued under separate cover at a later date.
2. Addendum 5 Wastebed 12 and 13 Geotechnical Investigation activities are no longer considered a part of the Phase V PDI Investigation and will not be discussed in this summary report.

TABLE 2A
VIBRACORE SEDIMENT LOCATIONS AND ANALYSES

		Vibracore Sediment Locations and Analyses						Chemical Analysis										Geotechnical Analysis				Lithology
Description	Map Symbol	Number of Locations	Number of Intervals	Sampling Intervals (ft)	Location ^{3,4}	Target Depth (ft)	Actual Depth (ft) ²	Mercury	VOCs (CPQIs) + Benzene & Toluene ¹	SVOCs (CPOIs)	Total PCBs	pH	TOC (Lloyd Kahn)	Phenol	Percent Solids	Percent Moisture	Specific Gravity	Grain Size	Atterberg Limits			
Remedial Area A	SMU 3	(○)	3	4	1-ft intervals from top of core	OL-VC-30096, 30097, 30098	4	4	12	12	12	12	12	12	12	12					3	
		(△)	1	2	0.5 ft intervals from top of core	OL-VC-30098 A	1	1	2									2				1
		(○)	2	5	0-0.5 ft, 0.5-1.0 ft, 1.0-2.0 ft, 2.0-3.0 ft, 3.0-4.0 ft	OL-VC-30144, 30145	4	4	10	10	10	10	10	10	10	10	10					2
		(○)	16	4	1-ft intervals from top of core	OL-VC-40213, 40214, 40224, 40225, 40226, 40227, 40228, 40229, 40230, 40231, 40232, 40233, 40234, 40235, 40236, 40237	4	3.75 - 4	69	69	69	69	69	69	69	69	69	6	3	12	12	16
		(●)	3	7 or 8	1-ft intervals from top of core	OL-VC-40251, 40252, 40253	8	7.1 - 8	25	25	25	25	25	25	25	25	25					3
	SMU 4	(●)	9	9 or 10	1-ft intervals from top of core	OL-VC-40215, 40216, 40217, 40218, 40219, 40220, 40221, 40222, 40223	10	8.8- 10	91	91	91	91	91	91	91	91	91	9	2	12	12	9
		(○)	3	4	1-ft intervals from top of core	OL-VC-50066, 50067, 50068	4	4	12	12	12	12	12	12	12	12	12					3
		(△)	1	2	0.5 ft intervals from top of core	OL-VC-50068 A	1	1	2									2				1
		(○)	2	5	0-0.5 ft, 0.5-1.0 ft, 1.0-2.0 ft, 2.0-3.0 ft, 3.0-4.0 ft	OL-VC-50074, 50075	4	3.7 - 4	11	11	11	11	11	11	11	11	11					2

TABLE 2A
VIBRACORE SEDIMENT LOCATIONS AND ANALYSES

										Chemical Analysis						Geotechnical Analysis				Lithology	
Description	Map Symbol	Number of Locations	Number of Intervals	Sampling Intervals (ft)	Location ^{3,4}	Target Depth (ft)	Actual Depth (ft) ²	Mercury	VOCs (CPOIs) + Benzene & Toluene ¹	SVOCs (CPOIs)	Total PCBs	pH	TOC (Lloyd Kahn)	Phenol	Percent Solids	Percent Moisture	Specific Gravity	Grain Size	Atterberg Limits		
Number of Samples																					
Remedial Area B	SMU 3	●	17	6	1-ft intervals from top of core	OL-VC-30099, 30100, 30101, 30102, 30103, 30104, 30105, 30106, 30107, 30114 , 30115, 30116, 30117, 30118 , 30119, 30120, 30121	6	6	106	106	106	106	106	106	106	106					17
		●	10	7 or 8	1-ft intervals from top of core	OL-VC-30108, 30109, 30110, 30111, 30112, 30113, 30122, 30123, 30124, 30125	8	7.0- 8.0	83	83	83	83	83	83	83	15	2	15	15	10	
		△	4	2	0.5 ft intervals from top of core	OL-VC-30105 A, 30106 A, 30114 A, 30118 A	1	1	8											4	
		△	2	2	0.5 ft intervals from top of core	OL-VC-30107 A, 30117 A	1	1	4	4	4	4	4	4	4					2	
		○	9	5	0-0.5 ft, 0.5-1.0 ft, 1.0- 2.0 ft, 2.0-3.0 ft, 3.0-4.0 ft	OL-VC-30146, 30147, 30148, 30149, 30150, 30151, 30152, 30153, 30154	4	3.9- 4	49	49	49	49	49	49	49					9	
Remedial Area C	SMU 2	●	20	5 or 6	1-ft intervals from top of core	OL-VC-20166, 20167, 20168, 20169, 20170, 20171, 20172, 20173, 20174, 20175, 20176, 20177 , 20178, 20179, 20180, 20181, 20182, 20183, 20184, 20186	6	5.1- 6	122	122	122	117	122	122		122	13	4	13	13	20
		●	5	9, 10, or 12	1-ft intervals from top of core	OL-VC- 20161, 20162, 20163, 20164, 20185	12	9.0-12.0	57	57	57	57	57	57	57	3	2	3	3	5	
		△	1	2	0.5 ft intervals from top of core	OL-VC-20172 A	1	1	2	2	2	2	2	2						1	
		○	3	5	0.5 ft, 1 ft, 2 ft, 3 ft, 4 ft	OL-VC-20195, 20196, 20197	4	4	16	16	16	16	16	16						3	
SMU 3		●	3	6	1-ft intervals from top of core	OL-VC- 30126 , 30127, 30128	6	6	20	20	20	20	20	20						3	
		△	1	2	0.5 ft intervals from top of core	OL-VC-30126 A	1	1	2	2	2	2	2	2						1	

TABLE 2A
VIBRACORE SEDIMENT LOCATIONS AND ANALYSES

Description	Map Symbol	Number of Locations	Number of Intervals	Sampling Intervals (ft)	Location ^{3,4}	Target Depth (ft)	Actual Depth (ft) ²	Mercury	Chemical Analysis				Geotechnical Analysis				Lithology			
									VOCs (CPOIs) + Benzene & Toluene ¹	SVOCs (CPOIs)	Total PCBs	pH	TOC (Lloyd Kahn)	Phenol	Percent Solids	Percent Moisture	Specific Gravity	Grain Size	Atterberg Limits	
									Number of Samples											
		○	2	5	0-0.5 ft, 0.5-1.0 ft, 1.0- 2.0 ft, 2.0-3.0 ft, 3.0-4.0 ft	OL-VC-30155, 30156	4	4	11	11	11	11	11	11	11	11	11	11	2	

TABLE 2A
VIBRACORE SEDIMENT LOCATIONS AND ANALYSES

									Chemical Analysis						Geotechnical Analysis				Lithology			
Description	Map Symbol	Number of Locations	Number of Intervals	Sampling Intervals (ft)	Location ^{3,4}	Target Depth (ft)	Actual Depth (ft) ²	Mercury	VOCs (CPOIs) + Benzene & Toluene ¹	SVOCs (CPOIs)	Total PCBs	pH	TOC (Lloyd Kahn)	Phenol	Percent Solids	Percent Moisture	Specific Gravity	Grain Size	Atterberg Limits			
Number of Samples																						
Remedial Area E	SMU 5	○	2	4	1-ft intervals from top of core	OL-VC-50069, 50070	4	4	9	9	9	9	9	9	9	9				2		
		△	2	2	0.5 ft intervals from top of core	OL-VC-50069 A, 50070 A	1	1	4	4	4	4	4	4	4	4	4			2		
		○	2	5	0-0.5 ft, 0.5-1.0 ft, 1.0-2.0 ft, 2.0-3.0 ft, 3.0-4.0 ft	OL-VC-50072, 50073	4	4	10	10	10	10	10	10	10	10	10			2		
	SMU 6	●	19	5 or 6	1-ft intervals from top of core	OL-VC-60229, 60233, 60234, 60235, 60236, 60237, 60242, 60243, 60244, 60245, 60246, 60247, 60248, 60249, 60250, 60251, 60252, 60260, 60261	6	5.3 - 6	119	119	119	119	119	119	119	119	119	15	4	15	15	19
		●	3	5 or 8	1-ft intervals from top of core	OL-VC-60230, 60232, 60253	8	4.75 - 8	22	22	22	22	22	22	22	22					3	
		●	2	8	1-ft intervals from top of core	OL-VC-60231, 60231 A	10	7.5 - 11	19	19	19	19	19	19	19	19	19	3	3	3	3	2
	SMU 7	●	5	6	1-ft intervals from top of core	OL-VC-70126, 70134, 70136, 70137, 70138	6	6	26	32	32	32	32	32	32	32	2	1	2	2	5	
		●	1	10	1-ft intervals from top of core	OL-VC-70135	10	10	11	11	11	11	11	11	11	11					1	
		●	1	14	1-ft intervals from top of core	OL-VC-70128	15	13.5	12	15	15	15	15	15	15	15	15	3	2	3	3	1

Note:

Null fields indicate that parameter

Parameter counts include field duplicates

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

2. Sample recovery depths varied so Actual Depth is presented as a range from shallowest recovery to deepest recovery.

3. Location numbers in bold text indicate that sample was collected as a Priority location.

4. Location numbers in italics indicate that samples were collected on 0.5 ft intervals in the upper foot due to mercury PEC exceedances.

TABLE 2B
REMEDIATION AREA F / SMU 5
VIBRACORE SEDIMENT LOCATIONS AND ANALYSES

Description	Sample Cluster	Map Symbol	Number of Locations	Number of Intervals	Sampling Intervals (ft)	Location ¹	Total Depth (ft)	Chemical Analysis	Lithology	
								Mercury		
								Number of Samples		
SMUs	Shallow Vibracore	S-108		4	3	1-ft intervals from top of core	OL-VC-50011, 50013, 50014, 50015	3	13	4
		S-95		2	3	1-ft intervals from top of core	OL-VC-50001, 50002	3	7	2
		S-111		6	3	1-ft intervals from top of core	OL-VC-50004, 50009, 50076, 50077, 50078, 50079	3	18	6

Note:

Parameter counts include field duplicates

TABLE 2C
IN SITU VANE SHEAR AND SHALLOW SHELBY TUBE
TEST SAMPLING LOCATIONS AND ANALYSES

	Description	Map Symbol	Number of Locations	Number of Intervals	Sampling Intervals (ft)	Location	Total Depth (ft)	Vane Shear Testing			Geotechnical Analyses							
								1-Ft.	2-Ft.	3-Ft.	CU	UU	Consolidation	Water Content	Atterberg Limits	Grain Size with Hydrometer	Bulk Density	Specific Gravity
Remediation Area A	Shallow Shelby Tube		2	1	0ft to 3ft	OL-ST-40216, 40226	3				2	2	1	2	2	2	2	2
	In Situ Vane Shear Testing		12	3	1-ft, 2-ft, and 3-ft below mudline	OL-VS-40216, 40217, 40219, 40223, 40225, 40226, 40227, 40228, 40230, 40231, 40232, 40233	3	12	12	12								
Remediation Area B	Shallow Shelby Tube		2	1	0ft to 3ft	OL-ST-30112, 30124	3				2	2	1	2	2	2	2	2
	In Situ Vane Shear Testing		9	3	1-ft, 2-ft, and 3-ft below mudline	OL-VS-30108, 30110, 30111, 30112, 30113, 30122, 30123, 30124, 30125	3	9	9	9								
Remediation Area C	Shallow Shelby Tube		3	1	0ft to 3ft or 4ft to 6.5ft	OL-ST-20163, 20166, 20169	3				3	3	1	3	3	3	3	1
	In Situ Vane Shear Testing ^{1,2,3,4}		9	3	1-ft, 2-ft, and 3-ft below mudline	OL-VS-20161, 20163, 20165, 20166, 20167, 20169, 20180, 20184, 20186	3	9	7	7								
Remediation Area E	Shallow Shelby Tube		4	1	0ft to 3ft	OL-ST-60229, 60233, 60235, 60237	3				4	4	2	4	4	4	3	2
	In Situ Vane Shear Testing ^{1,2}		13	3	1-ft, 2-ft, and 3-ft below mudline	OL-VS-60229, 60230, 60231, 60232, 60233, 60234, 60235, 60237, 60240, 60242, 60246, 60247, 60250	3	13	12	12								
	Shallow Shelby Tube		1	3	0ft to 3ft	OL-ST-70128	3				1	1	1	1	1	1	1	1
	In Situ Vane Shear Testing ^{1,2}		4	3	1-ft, 2-ft, and 3-ft below mudline	OL-VS-70127, 70129, 70134, 70135	3	4	3	3								

Note:

Null fields indicate that parameter will not be sampled for.

1. Locations OL-VS-20170, 60236, 60238, 60239, 60241, and 70128 were unable to be completed due to refusal at the surface.

2. Locations OL-VS-20167, 20186, 60235, and 70127 were unable to be completed due to refusal at 1-ft. below the mudline.

3. Location OL-VS-20185 was unable to be completed due to the water depth being too deep for the equipment to collect readings.

4. Location OL-VS-20186 was unable to be completed past 1-ft. due to the water depth being too deep for the equipment to collect readings.

TABLE 2D
BENCH-SCALE TESTING LOCATIONS
AND ANALYSES

Remediation Area	Description	Map Symbol	Location	Total Depth (ft)	Biodecay Batch Slurry Experiment.	BDOC Evaluation
D	Shallow Vibracore		OL-STA-10115	10	6-14" sections	
			OL-STA-10117	10	10-14" sections	
			OL-VC-10188	10	6-14" sections	
			OL-VC-10139	10		5-2ft sections
			OL-VC-10156	10		5-2ft sections
			OL-VC-10160	10		5-2ft sections
			OL-STA-20104	10		5-2ft sections
	Porewater from Upwelling Transects		TR03-A	na		8.2 L
			TR04-B	na		3.4 L
			TR05-B	na		3.4 L
E	Shallow Vibracore		OL-STA-60100	10	10-14" sections	
			OL-PP-60105	10	6-14" sections	
			OL-VC-60216	10	6-14" sections	
			OL-STA-70048	10	6-14" sections	
			OL-STA-70049	10	10-14" sections	
			OL-STA-70050	10	6-14" sections	
F	Shallow Vibracore		S100	5	4-14" sections	

Note:

Null fields indicate that test was not sampled for.

TABLE 2E
BOREHOLE LOCATIONS AND ANALYSES

Description		Map Symbol	Sampling Intervals (ft)	Location	Total Depth or Interval (Actual) (ft)	CU Tests	UU Tests	Water Content	Atterberg Limits	Grain Size with Hydrometer	Bulk Density	Specific Gravity	Lithology ²	
Numbers of Samples														
Dredgability ¹		Remediation Area D		 2 inch diameter split spoons	OL-SB-10176	20							X	
					OL-SB-10177	10							X	
					OL-SB-10178	20							X	
					OL-SB-10179	20							X	
					OL-SB-10180	10							X	
					OL-SB-10181	20							X	
					OL-SB-10182	20							X	
					OL-SB-10185	10							X	
					OL-SB-10186	10							X	
					OL-SB-10187	10							X	
Stability		Remediation Area B		 2 inch diameter split spoons	OL-SB-30140	20							X	
					OL-SB-30141	20							X	
					OL-SB-30142	20							X	
					OL-SB-30143	20							X	
Remediation Area D		Remediation Area E		 2 inch diameter split spoons & shelby tubes	OL-SB-10183	55		2	2	2	2	2	X	
					OL-SB-10184	54		2	2	2	2		X	
					OL-SB-10189	35		2	2	2	2	1	X	
					OL-SB-70139	28		2	2	2	2	1	X	
East Wall / Dredge Stability		2 inch diameter split spoons & shelby tubes		 2 inch diameter split spoons & shelby tubes	OL-SB-60254	73	1	3	3	3	3	1	X	
					OL-SB-60255	75	1	1	3	3	3	1	X	
					OL-SB-60256	80	2	1	3	3	3	1	X	
					OL-SB-60257	78	2	1	3	3	3	1	X	
					OL-SB-60258	82	2	1	3	3	3	1	X	
					OL-SB-60259	74	2	1	3	3	3	1	X	
					OL-SB-70130	73	2	1	3	3	3	1	X	
					OL-SB-70131	70	2	1	3	3	3	1	X	
					OL-SB-70132	71	2	1	3	3	3	1	X	
					OL-SB-70133	74	2	1	3	3	3	1	X	

Note:

Borings were sampled continuous using a 2-inch diameter split spoon. Not all intervals were sent to the lab for Geotechnical samples to the lab.

1. After review of SPT results from each location, it was determined that sending samples for geotechnical analysis was not needed.

2. Boring Logs are provided in Appendix B.

TABLE 2F
POREWATER LOCATIONS AND ANALYSES

Description		Map Symbol	Number of Locations	Number of Intervals	Sampling Intervals (ft)	Location²	Target Depth (ft)	Actual Depth (ft)¹	Water Chemical Analyses				Raw Sediment Chemical Analyses					
									Mercury	VOCs (CPOIs)	pH	DOC	Mercury	VOCs (CPOIs)	pH	TOC	Percent Moisture	Specific Gravity
Number of Samples																		
Remediation Area A	SMU 4		10	5	2 ft intervals from top of core	OL-VC-40256, 40257, 40258, 40261, 40262, 40263, 40264, 40265, 40266, 40267	10	9.0-10	50	50	50	50	50	50	50	50	50	
			5	6	2 ft intervals from top of core	OL-VC-40254, 40255, 40259, 40260, 40268	12	11.0-12	30	30	30	30	30	30	30	30	30	30
Remediation Area C	SMU 3		5	5	2 ft intervals from top of core	OL-VC-30134, 30135, 30136, 30137, 30138	10	9.9-10	25	25	25	25	25	25	25	25	25	25
			4	5	2 ft intervals from top of core	OL-VC-20192, 20193, 20194, 30139	10	9.1-10	20	20	20	20	20	20	20	20	20	20
Remediation Area E	SMUs 6 & 7		6	5	2 ft intervals from top of core	OL-VC-60262, 60263, 70140, 70141, 70142, 70143	10	9.7-10	30	30	30	30	30	30	30	30	30	30

Note:

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

1. Sample recovery depths varied so Actual Depth is presented as a range from shallowest recovery to deepest recovery.

2. Location OL-VC-40256 was proposed to be a 12-ft vibracore. However, due to the soft nature of the material, the maximum recovery that was obtained from this location was 10-ft. Therefore, OL-VC-40256 was re-classified from a 12-ft core to a 10-ft core.

TABLE 2G
GROUNDWATER VIBRACORE SAMPLE LOCATIONS
AND ANALYSES

								Groundwater Analyses ²			Lithology	
Description	Map Symbol	Number of Locations	Number of Intervals	Sampling Intervals (ft)	Location	Target Depth (ft)	Actual Depth (ft) ¹	Specific Conductance (Salinity Calculated)	Chloride	pH	Cations/Anions	
								Number of Samples				
Remedial Area A	SMU 3	1	7	0-0.25, 0.25-0.5, 0.5-0.75, 0.75-1.0, 1.0-1.25, 1.25-1.5, 1.5-1.75	OL-VC-30129	10	10	7	7			1
				2.0-2.5, 3.0-3.5, 4.0-4.5, 5.0-5.5, 6.0-6.5, 7.5-8.0, 9.0-9.5				7			7	
Remedial Area B	SMU 4	13	7	0-0.25, 0.25-0.5, 0.5-0.75, 0.75-1.0, 1.0-1.25, 1.25-1.5, 1.5-1.75	OL-VC-40238, 40239, 40240, 40241, 40242, 40243, 40244, 40245, 40246, 40247, 40248, 40249, 40250	10	8.8-10	91	91			13
				2.0-2.5, 3.0-3.5, 4.0-4.5, 5.0-5.5, 6.0-6.5, 7.5-8.0, 9.0-9.5				91			91	
Remedial Area C	SMU 5	1	7	0-0.25, 0.25-0.5, 0.5-0.75, 0.75-1.0, 1.0-1.25, 1.25-1.5, 1.5-1.75	OL-VC-50071	10	10	7	7			1
				2.0-2.5, 3.0-3.5, 4.0-4.5, 5.0-5.5, 6.0-6.5, 7.5-8.0, 9.0-9.5				7			7	
Remedial Area C	SMU 3	4	7	0-0.25, 0.25-0.5, 0.5-0.75, 0.75-1.0, 1.0-1.25, 1.25-1.5, 1.5-1.75	OL-VC-30130, 30131, 30132, 30133	10	10	28	28	28		4
				2.0-2.5, 3.0-3.5, 4.0-4.5, 5.0-5.5, 6.0-6.5, 7.5-8.0, 9.0-9.5				28		28	28	
Remedial Area C	SMU 2	4	7	0-0.25, 0.25-0.5, 0.5-0.75, 0.75-1.0, 1.0-1.25, 1.25-1.5, 1.5-1.75	OL-VC-20187, 20188, 20189, 20190	10	9.7-10	28	28			4
				2.0-2.5, 3.0-3.5, 4.0-4.5, 5.0-5.5, 6.0-6.5, 7.5-8.0, 9.0-9.5				28			28	

Note:

Location OL-VC-20191 has been removed from this table - location was unable to be collected due to nature of material (backfill/slag).

Null fields indicate that parameter was not

1. Sample recovery depths varied so Actual Depth is presented as a range from shallowest to deepest recovery.

2. Due to insufficient volume of porewater generated for some intervals, not all parameters were able to be analyzed for. For details, refer to the Data Usability Summary Report (Appendix A).

TABLE 3
SUMMARY OF VIBRACORE SEDIMENT ANALYTICAL RESULTS

		Location	OL-VC-20161	OL-VC-20161	OL-VC-20161	OL-VC-20161	OL-VC-20161	OL-VC-20161	OL-VC-20161
	Sample Depth	0-1 Ft		1-2 Ft	2-3 Ft	3-4 Ft		4-5 Ft	5-6 Ft
	Field Sample ID	OL-0896-15		OL-0896-16	OL-0896-17	OL-0896-18		OL-0896-19	OL-0896-20
	Sample Date	8/19/2009	PRELIMINARY DRAFT		8/19/2009	8/19/2009		8/19/2009	8/19/2009
	Sample Delivery Group	JA26004		JA26004	JA26004	JA26004		JA26004	JA26004
	Matrix	SOIL		SOIL	SOIL	SOIL		SOIL	SOIL
	Sample Purpose	Regular sample		Regular sample	Regular sample	Regular sample		Regular sample	Regular sample
	Sample Type	Sediment		Sediment	Sediment	Sediment		Sediment	Sediment
Method	Parameter Name	Units							
ASTM D4643-00	SOLIDS, PERCENT	%							
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	11700 J	17300 J	16200 J	15900 J	10200 J	27800 J	
SM2540G	PERCENT MOISTURE	%							
SM2540G	SOLIDS, PERCENT	%	53.3	46.2	33.5	21.5	26.6	40.5	
SW7471	MERCURY	mg/kg	0.3 J	0.23 J	0.23 J	0.14 J	0.097 J	0.62 J	
SW8082	AROCLOR-1016	ug/kg	6.3 UJ	7.2 UJ	10 UJ	16 UJ	13 UJ	8.2 UJ	
SW8082	AROCLOR-1221	ug/kg	6.3 UJ	7.2 UJ	10 UJ	16 UJ	13 UJ	8.2 UJ	
SW8082	AROCLOR-1232	ug/kg	6.3 UJ	7.2 UJ	10 UJ	16 UJ	13 UJ	8.2 UJ	
SW8082	AROCLOR-1242	ug/kg	6.3 UJ	7.2 UJ	10 UJ	16 UJ	13 UJ	8.2 UJ	
SW8082	AROCLOR-1248	ug/kg	22.4 J	7.2 UJ	73.4 J	16 UJ	13 UJ	8.2 UJ	
SW8082	AROCLOR-1254	ug/kg	18.9 J	7.2 UJ	68.5 J	16 UJ	13 UJ	8.2 UJ	
SW8082	AROCLOR-1260	ug/kg	10.2 J	7.2 UJ	43.8 J	16 UJ	13 UJ	8.2 UJ	
SW8082	AROCLOR-1268	ug/kg	6.3 UJ	7.2 UJ	10 UJ	16 UJ	13 UJ	8.2 UJ	
SW8082	PCBS, N.O.S.	ug/kg	51.5 J	7.2 UJ	186 J	16 UJ	13 UJ	8.2 UJ	
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	650 UJ	820 UJ	1200 UJ	2000 UJ	1500 UJ	920 UJ	
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	650 UJ	820 UJ	1200 UJ	2000 UJ	1500 UJ	920 UJ	
SW8260	1,2-DICHLOROBENZENE	ug/kg	650 UJ	820 UJ	1200 UJ	2000 UJ	1500 UJ	920 UJ	
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	650 UJ	820 UJ	1200 UJ	2000 UJ	1500 UJ	920 UJ	
SW8260	1,3-DICHLOROBENZENE	ug/kg	650 UJ	820 UJ	1200 UJ	2000 UJ	1500 UJ	920 UJ	
SW8260	1,4-DICHLOROBENZENE	ug/kg	650 UJ	820 UJ	1200 UJ	2000 UJ	1500 UJ	920 UJ	
SW8260	BENZENE	ug/kg	2940 J	2820 J	5700 J	5080 J	2730 J	977 J	
SW8260	CHLOROBENZENE	ug/kg	650 UJ	820 UJ	1200 UJ	2000 UJ	1500 UJ	920 UJ	
SW8260	ETHYLBENZENE	ug/kg	131 J	77.2 J	224 J	400 UJ	310 UJ	180 UJ	
SW8260	NAPHTHALENE	ug/kg	22100 J	13600 J	39600 J	12000 J	14800 J	6450 J	
SW8260	O-XYLENE	ug/kg	652 J	346 J	1210 J	316 J	357 J	156 J	
SW8260	TOLUENE	ug/kg	4210 J	3050 J	7180 J	2910 J	1990 J	666 J	
SW8260	XYLEMES, M & P	ug/kg	2570 J	1470 J	4530 J	1200 J	1390 J	557 J	
SW8260	XYLEMES, TOTAL	ug/kg	3220 J	1820 J	5740 J	1510 J	1750 J	713 J	
SW8270	ACENAPHTHENE	ug/kg	20.1 J	17.3 J	26.3 J	13 UJ	11 UJ	461 J	
SW8270	ACENAPHTHYLENE	ug/kg	18.3 J	17.7 J	24.1 J	13 UJ	11.7 J	611 J	
SW8270	ANTHRACENE	ug/kg	33.5 J	33.8 J	50.2 J	13.2 J	18.6 J	2920 J	
SW8270	BENZO(A)ANTHRACENE	ug/kg	96.3 J	55.6 J	89.6 J	24.6 J	38.4 J	2440 J	
SW8270	BENZO(A)PYRENE	ug/kg	79.5 J	36.9 J	42.5 J	13 UJ	11.3 J	1530 J	
SW8270	BENZO(B)FLUORANTHENE	ug/kg	107 J	52.8 J	60.1 J	13 UJ	27.5 J	1930 J	
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	47.9 J	25 J	30.1 J	13 UJ	10.5 J	671 J	
SW8270	BENZO(K)FLUORANTHENE	ug/kg	63 J	29.3 J	32.8 J	13 UJ	10.2 J	688 J	
SW8270	CHRYSENE	ug/kg	108 J	57.4 J	94.4 J	15.5 J	30 J	2500 J	
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	24.5 J	13.1 J	13.1 J	13 UJ	11 UJ	297 J	
SW8270	FLUORANTHENE	ug/kg	223 J	134 J	202 J	37.3 J	62.2 J	5460 J	
SW8270	FLUORENE	ug/kg	56.9 J	49 J	75.5 J	30.7 J	51.8 J	1690 J	
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	48 J	28 J	26.6 J	13 UJ	11 UJ	901 J	
SW8270	PHENANTHRENE	ug/kg	202 J	180 J	201 J	58.1 J	72 J	4780 J	
SW8270	PHENOL	ug/kg							
SW8270	PYRENE	ug/kg	208 J	123 J	289 J	46.8 J	81.1 J	4230 J	
SW9045	pH	S.U.	11.38 J	11.6 J	11.56 J	11.7 J	11.39 J	10.44 J	

TABLE 3
SUMMARY OF VIBRACORE SEDIMENT ANALYTICAL RESULTS

		Location	OL-VC-20161	OL-VC-20161	OL-VC-20161	OL-VC-20161
	Sample Depth	6-7 Ft	7-8 Ft	8-9 Ft	9-10 Ft	
	Field Sample ID	OL-0897-01	OL-0897-02	OL-0897-03	OL-0897-04	
	Sample Date	8/19/2009	8/19/2009	8/19/2009	8/19/2009	
	Sample Delivery Group	JA26003	JA26003	JA26003	JA26003	
	Matrix	SOIL	SOIL	SOIL	SOIL	
	Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	
	Sample Type	Sediment	Sediment	Sediment	Sediment	
Method	Parameter Name	Units				
ASTM D4643-00	SOLIDS, PERCENT	%				
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	12200	9550	8330	9630 J
SM2540G	PERCENT MOISTURE	%				
SM2540G	SOLIDS, PERCENT	%	50	55.5	50.5	49.9
SW7471	MERCURY	mg/kg	0.021 U	0.02 U	0.022 U	0.021 UJ
SW8082	AROCLOR-1016	ug/kg	6.7 U	5.9 U	6.6 U	6.6 UJ
SW8082	AROCLOR-1221	ug/kg	6.7 U	5.9 U	6.6 U	6.6 UJ
SW8082	AROCLOR-1232	ug/kg	6.7 U	5.9 U	6.6 U	6.6 UJ
SW8082	AROCLOR-1242	ug/kg	6.7 U	5.9 U	6.6 U	6.6 UJ
SW8082	AROCLOR-1248	ug/kg	6.7 U	5.9 U	6.6 U	6.6 UJ
SW8082	AROCLOR-1254	ug/kg	6.7 U	5.9 U	6.6 U	6.6 UJ
SW8082	AROCLOR-1260	ug/kg	6.7 U	5.9 U	6.6 U	6.6 UJ
SW8082	AROCLOR-1268	ug/kg	6.7 U	5.9 U	6.6 U	6.6 UJ
SW8082	PCBS, N.O.S.	ug/kg	6.7 U	5.9 U	6.6 U	6.6 UJ
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	12 U	9.4 U	35 U	46 UJ
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	12 U	9.4 U	35 U	46 UJ
SW8260	1,2-DICHLOROBENZENE	ug/kg	12 U	9.4 U	35 U	46 UJ
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	12 UJ	9.4 U	35 U	46 UJ
SW8260	1,3-DICHLOROBENZENE	ug/kg	12 U	9.4 U	35 U	46 UJ
SW8260	1,4-DICHLOROBENZENE	ug/kg	12 U	9.4 U	35 U	46 UJ
SW8260	BENZENE	ug/kg	102 J	1350	1570	1790 J
SW8260	CHLOROBENZENE	ug/kg	12 U	9.4 U	35 U	46 UJ
SW8260	ETHYLBENZENE	ug/kg	2.9	1.3 J	3.1 J	5.4 J
SW8260	NAPHTHALENE	ug/kg	12 U	9.4 U	35 U	46 UJ
SW8260	O-XYLENE	ug/kg	2.4 U	1.9 U	5.5 J	19.4 J
SW8260	TOLUENE	ug/kg	0.86 J	1.4 J	7.1 U	9.1 U
SW8260	XYLENES, M & P	ug/kg	1.5 J	1.4 J	14 U	9.3 J
SW8260	XYLENES, TOTAL	ug/kg	1.5 J	1.4 J	5.5 J	28.7 J
SW8270	ACENAPHTHENE	ug/kg	5.7 U	5.1 U	5.7 U	5.7 UJ
SW8270	ACENAPHTHYLENE	ug/kg	5.7 U	5.1 U	5.7 U	5.7 UJ
SW8270	ANTHRACENE	ug/kg	5.7 U	5.1 U	5.7 U	5.7 UJ
SW8270	BENZO(A)ANTHRACENE	ug/kg	6.07	5.1 U	5.7 U	5.7 UJ
SW8270	BENZO(A)PYRENE	ug/kg	5.7 U	5.1 U	5.7 U	5.7 UJ
SW8270	BENZO(B)FLUORANTHENE	ug/kg	5.7 U	5.1 U	5.7 U	5.7 UJ
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	5.7 U	5.1 U	5.7 U	5.7 UJ
SW8270	BENZO(K)FLUORANTHENE	ug/kg	5.7 U	5.1 U	5.7 U	5.7 UJ
SW8270	CHRYSENE	ug/kg	5.99	5.1 U	5.7 U	5.7 UJ
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	5.7 U	5.1 U	5.7 U	5.7 UJ
SW8270	FLUORANTHENE	ug/kg	16.4	5.1 U	5.7 U	5.7 UJ
SW8270	FLUORENE	ug/kg	5.7 U	5.1 U	5.7 U	5.7 UJ
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	5.7 U	5.1 U	5.7 U	5.7 UJ
SW8270	PHENANTHRENE	ug/kg	13.5	5.1 U	5.7 U	5.7 UJ
SW8270	PHENOL	ug/kg				
SW8270	PYRENE	ug/kg	13.6	5.1 U	5.7 U	5.7 UJ
SW9045	pH	S.U.	7.8	7.34	7.14	7.07 UJ

TABLE 3
SUMMARY OF VIBRACORE SEDIMENT ANALYTICAL RESULTS

		Location	OL-VC-20161	OL-VC-20161	OL-VC-20162	OL-VC-20162	OL-VC-20162	OL-VC-20162
		Sample Depth	10-11 Ft	11-12 Ft	0-1 Ft	1-2 Ft	2-3 Ft	2-3 Ft
		Field Sample ID	OL-0897-05	OL-0897-06	OL-0896-02	OL-0896-03	OL-0896-04	OL-0896-05
		Sample Date	8/19/2009	8/19/2009	8/19/2009	8/19/2009	8/19/2009	8/19/2009
		Sample Delivery Group	JA26003	JA26003	JA26004	JA26004	JA26004	JA26004
		Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
		Sample Purpose	Regular sample	Field duplicate				
		Sample Type	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment
Method	Parameter Name	Units						
ASTM D4643-00	SOLIDS, PERCENT	%						
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	9020 J	9190	20100 J	11300 J	13100 J	11200 J
SM2540G	PERCENT MOISTURE	%						
SM2540G	SOLIDS, PERCENT	%	47.1	50.8	44	38.1	39.5	39.4
SW7471	MERCURY	mg/kg	0.022 U	0.022 U	0.78 J	0.21 J	0.27 J	0.22 J
SW8082	AROCLOR-1016	ug/kg	7 UJ	6.4 U	7.6 UJ	8.6 UJ	8.4 UJ	8.4 UJ
SW8082	AROCLOR-1221	ug/kg	7 UJ	6.4 U	7.6 UJ	8.6 UJ	8.4 UJ	8.4 UJ
SW8082	AROCLOR-1232	ug/kg	7 UJ	6.4 U	7.6 UJ	8.6 UJ	8.4 UJ	8.4 UJ
SW8082	AROCLOR-1242	ug/kg	7 UJ	6.4 U	7.6 UJ	8.6 UJ	8.4 UJ	8.4 UJ
SW8082	AROCLOR-1248	ug/kg	7 UJ	6.4 U	259 J	8.6 UJ	8.4 UJ	8.4 UJ
SW8082	AROCLOR-1254	ug/kg	23.1 J	6.4 U	163 J	8.6 UJ	8.4 UJ	8.4 UJ
SW8082	AROCLOR-1260	ug/kg	7 UJ	6.4 U	68.8 J	8.6 UJ	8.4 UJ	8.4 UJ
SW8082	AROCLOR-1268	ug/kg	7 UJ	6.4 U	7.6 UJ	8.6 UJ	8.4 UJ	8.4 UJ
SW8082	PCBS, N.O.S.	ug/kg	23.1 J	6.4 U	491 J	8.6 UJ	8.4 UJ	8.4 UJ
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	44 UJ	45 U	840 UJ	1000 UJ	1000 UJ	970 UJ
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	44 UJ	45 U	840 UJ	1000 UJ	1000 UJ	970 UJ
SW8260	1,2-DICHLOROBENZENE	ug/kg	44 UJ	45 U	87.2 J	1000 UJ	1000 UJ	970 UJ
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	44 UJ	45 U	840 UJ	1000 UJ	1000 UJ	970 UJ
SW8260	1,3-DICHLOROBENZENE	ug/kg	44 UJ	45 U	93.4 J	1000 UJ	1000 UJ	970 UJ
SW8260	1,4-DICHLOROBENZENE	ug/kg	44 UJ	45 U	539 J	1000 UJ	1000 UJ	970 UJ
SW8260	BENZENE	ug/kg	1700 J	1710	6040 J	5750 J	6240 J	7480 J
SW8260	CHLOROBENZENE	ug/kg	44 UJ	45 U	208 J	1000 UJ	1000 UJ	970 UJ
SW8260	ETHYLBENZENE	ug/kg	6.2 J	3.3 J	254 J	94.9 J	134 J	155 J
SW8260	NAPHTHALENE	ug/kg	24.8 J	45 U	52100 J	19600 J	28900 J	30200 J
SW8260	O-XYLENE	ug/kg	24.8 J	10.4	1750 J	635 J	884 J	1020 J
SW8260	TOLUENE	ug/kg	8.8 UJ	8.9 U	2800 J	2730 J	3730 J	4480 J
SW8260	XYLEMES, M & P	ug/kg	12.5 J	18 U	4180 J	1700 J	2490 J	2840 J
SW8260	XYLEMES, TOTAL	ug/kg	37.3 J	10.4 J	5940 J	2340 J	3370 J	3860 J
SW8270	ACENAPHTHENE	ug/kg	6 UJ	5.6 U	88.5 J	49.1 J	193 J	218 J
SW8270	ACENAPHTHYLENE	ug/kg	6 UJ	5.6 U	69.3 J	43.5 J	40.3 J	43.8 J
SW8270	ANTHRACENE	ug/kg	6 UJ	5.6 U	109 J	126 J	125 J	154 J
SW8270	BENZO(A)ANTHRACENE	ug/kg	6 UJ	5.6 U	200 J	160 J	153 J	253 J
SW8270	BENZO(A)PYRENE	ug/kg	6 UJ	5.6 U	108 J	108 J	111 J	236 J
SW8270	BENZO(B)FLUORANTHENE	ug/kg	6 UJ	5.6 U	175 J	160 J	159 J	290 J
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	6 UJ	5.6 U	83.7 J	63.3 J	67.1 J	150 J
SW8270	BENZO(K)FLUORANTHENE	ug/kg	6 UJ	5.6 U	61.8 J	45.5 J	48.6 J	122 J
SW8270	CHRYSENE	ug/kg	6 UJ	5.6 U	205 J	147 J	186 J	320 J
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	6 UJ	5.6 U	37.5 J	30.7 J	36.6 J	74.7 J
SW8270	FLUORANTHENE	ug/kg	6 UJ	5.6 U	1160 J	374 J	511 J	820 J
SW8270	FLUORENE	ug/kg	6 UJ	5.6 U	202 J	158 J	261 J	271 J
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	6 UJ	5.6 U	66.7 J	60.4 J	77.3 J	166 J
SW8270	PHENANTHRENE	ug/kg	6 UJ	5.6 U	890 J	551 J	1060 J	1280 J
SW8270	PHENOL	ug/kg						
SW8270	PYRENE	ug/kg	6 UJ	5.6 U	720 J	443 J	631 J	895 J
SW9045	pH	S.U.	7.08 J	7.04	10.35 J	11.21 J	11.24 J	11.21 J

TABLE 3
SUMMARY OF VIBRACORE SEDIMENT ANALYTICAL RESULTS

		Location	OL-VC-20162	OL-VC-20162	OL-VC-20162	OL-VC-20162	OL-VC-20162
		Sample Depth	3-4 Ft	4-5 Ft	5-6 Ft	6-7 Ft	7-8 Ft
		Field Sample ID	OL-0896-06	OL-0896-07	OL-0896-08	OL-0896-09	OL-0896-10
		Sample Date	8/19/2009	8/19/2009	8/19/2009	8/19/2009	8/19/2009
		Sample Delivery Group	JA26004	JA26004	JA26004	JA26004	JA26004
		Matrix	SOIL	SOIL	SOIL	SOIL	SOIL
		Sample Purpose	Regular sample				
		Sample Type	Sediment	Sediment	Sediment	Sediment	Sediment
Method	Parameter Name	Units					
ASTM D4643-00	SOLIDS, PERCENT	%					
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	8720 J	10700 J	2240 J	8500 J	12700 J
SM2540G	PERCENT MOISTURE	%					
SM2540G	SOLIDS, PERCENT	%	39.2	34.7	32.3	25.1	21.4
SW7471	MERCURY	mg/kg	0.3 J	0.24 J	0.036 UJ	0.14 J	0.21 J
SW8082	AROCLOR-1016	ug/kg	8.5 UJ	9.6 UJ	10 UJ	13 UJ	15 UJ
SW8082	AROCLOR-1221	ug/kg	8.5 UJ	9.6 UJ	10 UJ	13 UJ	15 UJ
SW8082	AROCLOR-1232	ug/kg	8.5 UJ	9.6 UJ	10 UJ	13 UJ	15 UJ
SW8082	AROCLOR-1242	ug/kg	8.5 UJ	9.6 UJ	10 UJ	13 UJ	15 UJ
SW8082	AROCLOR-1248	ug/kg	8.5 UJ	9.6 UJ	17.9 J	13 UJ	15 UJ
SW8082	AROCLOR-1254	ug/kg	8.5 UJ	9.6 UJ	11.8 J	13 UJ	15 UJ
SW8082	AROCLOR-1260	ug/kg	8.5 UJ	9.6 UJ	10 UJ	13 UJ	15 UJ
SW8082	AROCLOR-1268	ug/kg	8.5 UJ	9.6 UJ	10 UJ	13 UJ	15 UJ
SW8082	PCBS, N.O.S.	ug/kg	8.5 UJ	9.6 UJ	29.7 J	13 UJ	15 UJ
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	1000 UJ	1100 UJ	31 UJ	36 UJ	58 UJ
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	1000 UJ	1100 UJ	31 UJ	36 UJ	58 UJ
SW8260	1,2-DICHLOROBENZENE	ug/kg	1000 UJ	1100 UJ	31 UJ	36 UJ	20 J
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	1000 UJ	1100 UJ	31 UJ	36 UJ	58 UJ
SW8260	1,3-DICHLOROBENZENE	ug/kg	1000 UJ	1100 UJ	31 UJ	36 UJ	58 UJ
SW8260	1,4-DICHLOROBENZENE	ug/kg	1000 UJ	1100 UJ	31 UJ	36 UJ	16.1 J
SW8260	BENZENE	ug/kg	10000 J	10700 J	3530 J	4140 J	4570 J
SW8260	CHLOROBENZENE	ug/kg	1000 UJ	1100 UJ	31 UJ	36 UJ	58 UJ
SW8260	ETHYLBENZENE	ug/kg	172 J	130 J	2.9 J	4.6 J	50.2 J
SW8260	NAPHTHALENE	ug/kg	26100 J	8420 J	232 J	422 J	4280 J
SW8260	O-XYLENE	ug/kg	1340 J	877 J	25.1 J	31.4 J	296 J
SW8260	TOLUENE	ug/kg	5360 J	3840 J	228 J	195 J	683 J
SW8260	XYLEMES, M & P	ug/kg	3130 J	1950 J	47 J	75 J	847 J
SW8260	XYLEMES, TOTAL	ug/kg	4470 J	2830 J	72.1 J	106 J	1140 J
SW8270	ACENAPHTHENE	ug/kg	116 J	151 J	8.8 UJ	43.4 J	295 J
SW8270	ACENAPHTHYLENE	ug/kg	121 J	110 J	8.8 UJ	15.4 J	13 UJ
SW8270	ANTHRACENE	ug/kg	214 J	286 J	10.7 J	40.1 J	296 J
SW8270	BENZO(A)ANTHRACENE	ug/kg	294 J	349 J	23.5 J	47.7 J	146 J
SW8270	BENZO(A)PYRENE	ug/kg	182 J	216 J	8.8 UJ	14.6 J	76.9 J
SW8270	BENZO(B)FLUORANTHENE	ug/kg	194 J	309 J	8.8 UJ	26.4 J	66.5 J
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	89.6 J	121 J	8.8 UJ	14.9 J	66.5 J
SW8270	BENZO(K)FLUORANTHENE	ug/kg	60.5 J	99.3 J	8.8 UJ	21.9 J	52 J
SW8270	CHRYSENE	ug/kg	270 J	353 J	14.1 J	55.3 J	212 J
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	59.1 J	70.4 J	8.8 UJ	11 UJ	21.9 J
SW8270	FLUORANTHENE	ug/kg	639 J	1110 J	33.8 J	114 J	250 J
SW8270	FLUORENE	ug/kg	232 J	348 J	8.8 UJ	92.2 J	692 J
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	96.1 J	124 J	8.8 UJ	12.7 J	35.4 J
SW8270	PHENANTHRENE	ug/kg	928 J	1300 J	48.6 J	230 J	2360 J
SW8270	PHENOL	ug/kg					
SW8270	PYRENE	ug/kg	909 J	1150 J	37 J	168 J	1330 J
SW9045	pH	S.U.	11.12 J	11.21 J	11.57 J	11.68 J	11.7 J

TABLE 3
SUMMARY OF VIBRACORE SEDIMENT ANALYTICAL RESULTS

		Location	OL-VC-20162	OL-VC-20162	OL-VC-20162	OL-VC-20162	OL-VC-20163	OL-VC-20163
	Sample Depth	8-9 Ft	9-10 Ft	10-11 Ft	11-12 Ft	0-1 Ft	1-2 Ft	
	Field Sample ID	OL-0896-11	OL-0896-12	OL-0896-13	OL-0896-14	OL-0874-01	OL-0874-02	
	Sample Date	8/19/2009	8/19/2009	8/19/2009	8/19/2009	8/10/2009	8/10/2009	
	Sample Delivery Group	JA26004	JA26004	JA26004	JA26004	JA25248	JA25248	
	Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	
	Sample Purpose	Regular sample						
	Sample Type	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	
Method	Parameter Name	Units						
ASTM D4643-00	SOLIDS, PERCENT	%						
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	8510 J	13700 J	6040 J	5400 J	12200 J	14900 J
SM2540G	PERCENT MOISTURE	%						
SM2540G	SOLIDS, PERCENT	%	26.7	29.7	28.9	24.7	39	49.8
SW7471	MERCURY	mg/kg	0.15 J	0.15 J	0.17 J	0.091 J	0.29 J	0.5 J
SW8082	AROCLOR-1016	ug/kg	12 UJ	11 UJ	12 UJ	13 UJ	8.4 UJ	6.6 UJ
SW8082	AROCLOR-1221	ug/kg	12 UJ	11 UJ	12 UJ	13 UJ	8.4 UJ	6.6 UJ
SW8082	AROCLOR-1232	ug/kg	12 UJ	11 UJ	12 UJ	13 UJ	8.4 UJ	6.6 UJ
SW8082	AROCLOR-1242	ug/kg	12 UJ	11 UJ	12 UJ	13 UJ	8.4 UJ	6.6 UJ
SW8082	AROCLOR-1248	ug/kg	16.8 J	11 UJ	12 UJ	13 UJ	27.4 J	21.8 J
SW8082	AROCLOR-1254	ug/kg	12 UJ	11 UJ	12 UJ	13 UJ	12.4 J	19.4 J
SW8082	AROCLOR-1260	ug/kg	12 UJ	11 UJ	12 UJ	13 UJ	8.4 UJ	6.6 UJ
SW8082	AROCLOR-1268	ug/kg	12 UJ	11 UJ	12 UJ	13 UJ	8.4 UJ	10.4 J
SW8082	PCBS, N.O.S.	ug/kg	16.8 J	11 UJ	12 UJ	13 UJ	29.8 J	51.6 J
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	1600 UJ	1500 UJ	41 UJ	19 UJ	13 UJ	10 UJ
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	1600 UJ	1500 UJ	41 UJ	19 UJ	13 UJ	10 UJ
SW8260	1,2-DICHLOROBENZENE	ug/kg	1600 UJ	1500 UJ	41 UJ	19 UJ	13 UJ	10 UJ
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	1600 UJ	1500 UJ	41 UJ	19 UJ	13 UJ	10 UJ
SW8260	1,3-DICHLOROBENZENE	ug/kg	1600 UJ	1500 UJ	41 UJ	19 UJ	13 UJ	10 UJ
SW8260	1,4-DICHLOROBENZENE	ug/kg	1600 UJ	1500 UJ	41 UJ	19 UJ	1.2 J	10 UJ
SW8260	BENZENE	ug/kg	6180 J	4460 J	3070 J	2960 J	33.7 J	1.9 J
SW8260	CHLOROBENZENE	ug/kg	1600 UJ	1500 UJ	41 UJ	19 UJ	1.2 J	1.2 J
SW8260	ETHYLBENZENE	ug/kg	147 J	290 UJ	8.2 UJ	1.6 J	1.9 J	2.1 UJ
SW8260	NAPHTHALENE	ug/kg	17000 J	11400 J	317 J	163 J	71.8 J	4.1 J
SW8260	O-XYLENE	ug/kg	739 J	490 J	20.1 J	10.5 J	9.7 J	0.98 J
SW8260	TOLUENE	ug/kg	1240 J	562 J	45.2 J	19.6 J	11.6 J	2.1 UJ
SW8260	XYLENES, M & P	ug/kg	2470 J	1350 J	42.5 J	18.2 J	19 J	1.5 J
SW8260	XYLENES, TOTAL	ug/kg	3210 J	1840 J	62.6 J	28.7 J	28.7 J	2.5 J
SW8270	ACENAPHTHENE	ug/kg	259 J	267 J	78.4 J	12 UJ	7.3 UJ	57 UJ
SW8270	ACENAPHTHYLENE	ug/kg	11 UJ	56.5 J	46.8 J	12 UJ	10.7 J	52 J
SW8270	ANTHRACENE	ug/kg	276 J	203 J	103 J	12 UJ	18.2 J	87.6 J
SW8270	BENZO(A)ANTHRACENE	ug/kg	208 J	121 J	95.1 J	15.7 J	48.9 J	129 J
SW8270	BENZO(A)PYRENE	ug/kg	95.1 J	48.7 J	29.9 J	12 UJ	41.8 J	161 J
SW8270	BENZO(B)FLUORANTHENE	ug/kg	89.6 J	62.7 J	51.9 J	12 UJ	104 J	176 J
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	64.8 J	31.2 J	15.9 J	12 UJ	43.9 J	135 J
SW8270	BENZO(K)FLUORANTHENE	ug/kg	50.4 J	29.8 J	9.79 J	12 UJ	13.4 J	98.1 J
SW8270	CHRYSENE	ug/kg	221 J	129 J	84.6 J	7.05 J	69.6 J	177 J
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	28.7 J	13.5 J	9.9 UJ	12 UJ	12.5 J	38.3 J
SW8270	FLUORANTHENE	ug/kg	408 J	258 J	190 J	25.9 J	109 J	334 J
SW8270	FLUORENE	ug/kg	515 J	395 J	89 J	12 UJ	13.1 J	79.7 J
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	48 J	24 J	14.3 J	12 UJ	39.8 J	108 J
SW8270	PHENANTHRENE	ug/kg	1670 J	1130 J	326 J	33.2 J	49.4 J	163 J
SW8270	PHENOL	ug/kg						
SW8270	PYRENE	ug/kg	1050 J	538 J	265 J	31.7 J	102 J	311 J
SW9045	pH	S.U.	11.51 J	11.58 J	11.54 J	11.63 J	8.66 J	7.44 J

TABLE 3
SUMMARY OF VIBRACORE SEDIMENT ANALYTICAL RESULTS

		Location	OL-VC-20163	OL-VC-20163	OL-VC-20163	OL-VC-20163	OL-VC-20163
	Sample Depth	2-3 Ft	2-3 Ft	3-4 Ft	4-5 Ft	5-6 Ft	
	Field Sample ID	OL-0874-03	OL-0874-04	OL-0874-05	OL-0874-06	OL-0874-07	
	Sample Date	8/10/2009	8/10/2009	8/10/2009	8/10/2009	8/10/2009	
	Sample Delivery Group	JA25248	JA25248	JA25248	JA25248	JA25248	
	Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	
	Sample Purpose	Regular sample	Field duplicate	Regular sample	Regular sample	Regular sample	
	Sample Type	Sediment	Sediment	Sediment	Sediment	Sediment	
Method	Parameter Name	Units					
ASTM D4643-00	SOLIDS, PERCENT	%					
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	20800 J	17800	20100 J	15700	26400
SM2540G	PERCENT MOISTURE	%					
SM2540G	SOLIDS, PERCENT	%	49.3	50.8	46.9	56.2	58.8
SW7471	MERCURY	mg/kg	0.51 J	0.42	0.44 J	0.6	0.54
SW8082	AROCLOR-1016	ug/kg	6.6 U	6.6 U	7 U	5.9 U	5.6 U
SW8082	AROCLOR-1221	ug/kg	6.6 U	6.6 U	7 U	5.9 U	5.6 U
SW8082	AROCLOR-1232	ug/kg	6.6 U	6.6 U	7 U	5.9 U	5.6 U
SW8082	AROCLOR-1242	ug/kg	6.6 U	6.6 U	7 U	5.9 U	154
SW8082	AROCLOR-1248	ug/kg	43.3 J	52.2 J	151 J	97.9 J	5.6 U
SW8082	AROCLOR-1254	ug/kg	36 J	60.9 J	72.8 J	46.7 J	68 J
SW8082	AROCLOR-1260	ug/kg	6.6 U	48.6 J	81.9 J	52.6	63.2
SW8082	AROCLOR-1268	ug/kg	18.7 J	6.6 U	7 U	5.9 U	5.6 U
SW8082	PCBS, N.O.S.	ug/kg	98 J	162	305 J	197	285
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	11 U	9.6 U	20 U	8.9 U	8.7 U
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	11 U	9.6 U	20 U	8.9 U	1.4 J
SW8260	1,2-DICHLOROBENZENE	ug/kg	11 U	0.82 J	20 U	8.9 U	8.7 U
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	11 U	9.6 U	4.2 J	8.9 U	8.7 U
SW8260	1,3-DICHLOROBENZENE	ug/kg	0.89 J	1.5 J	8.4 J	2.2 J	5.4 J
SW8260	1,4-DICHLOROBENZENE	ug/kg	2.9 J	5.4 J	22.1 J	6.4 J	16.4
SW8260	BENZENE	ug/kg	120 J	212 J	546 J	212	171
SW8260	CHLOROBENZENE	ug/kg	6.8 J	11.7	25.8 J	9.2	16.1
SW8260	ETHYLBENZENE	ug/kg	2.1 J	4 J	9.1 J	5.2	5.9
SW8260	NAPHTHALENE	ug/kg	245 J	367	1790 J	186	198
SW8260	O-XYLENE	ug/kg	14.8 J	24.8 J	58.8 J	15.8	31.9
SW8260	TOLUENE	ug/kg	0.96 J	1.5 J	4.7 J	0.91 J	2.1
SW8260	XYLEMES, M & P	ug/kg	26.3 J	47.4 J	124 J	25.1	52.8
SW8260	XYLEMES, TOTAL	ug/kg	41.1 J	72.2	183 J	40.9	84.7
SW8270	ACENAPHTHENE	ug/kg	58 U	13.8	24.4 J	33.5	57.2
SW8270	ACENAPHTHYLENE	ug/kg	33.8 J	35.7	30.9 J	54.4	74
SW8270	ANTHRACENE	ug/kg	67 J	59	55.3 J	96.7	124
SW8270	BENZO(A)ANTHRACENE	ug/kg	116 J	144	136 J	173	191
SW8270	BENZO(A)PYRENE	ug/kg	124 J	81.7	67.3 J	129	153
SW8270	BENZO(B)FLUORANTHENE	ug/kg	124 J	178	174 J	156	178
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	83.6 J	55.9	37 J	46.6	50.6
SW8270	BENZO(K)FLUORANTHENE	ug/kg	77.6 J	53.5	29.8 J	139	175
SW8270	CHRYSENE	ug/kg	139 J	105	99 J	198	181
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	58 U	18.6	13.2 J	15.9	18.8
SW8270	FLUORANTHENE	ug/kg	308 J	255	259 J	452	533
SW8270	FLUORENE	ug/kg	110 J	103	90.8 J	131	196
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	70.7 J	57.8	41.1 J	55.7	61.9
SW8270	PHENANTHRENE	ug/kg	184 J	143	231 J	491	508
SW8270	PHENOL	ug/kg					
SW8270	PYRENE	ug/kg	255 J	232	235 J	350	418
SW9045	pH	S.U.	7.22 J	7.15	7.29 J	7.23	7.37

TABLE 3
SUMMARY OF VIBRACORE SEDIMENT ANALYTICAL RESULTS

		Location	OL-VC-20163						
Method	Parameter Name	Units							
ASTM D4643-00	SOLIDS, PERCENT	%							
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	18800	23200	68100 J	224000 J	67200	32300	
SM2540G	PERCENT MOISTURE	%							
SM2540G	SOLIDS, PERCENT	%	57.2	55.1	46.9	36.2	51.5	78.3	
SW7471	MERCURY	mg/kg	0.54	0.43	7.9 J	13.5 J	2.1	0.5	
SW8082	AROCLOR-1016	ug/kg	5.7 U	5.9 U	71 UJ	900 UJ	6.3 U	4.2 U	
SW8082	AROCLOR-1221	ug/kg	5.7 U	5.9 U	71 UJ	900 UJ	6.3 U	4.2 U	
SW8082	AROCLOR-1232	ug/kg	5.7 U	5.9 U	71 UJ	900 UJ	6.3 U	4.2 U	
SW8082	AROCLOR-1242	ug/kg	5.7 U	5.9 U	71 UJ	900 UJ	6.3 U	4.2 U	
SW8082	AROCLOR-1248	ug/kg	190 J	289	2570 J	900 UJ	6.3 U	412	
SW8082	AROCLOR-1254	ug/kg	130	151 J	1790 J	900 UJ	6.3 U	204	
SW8082	AROCLOR-1260	ug/kg	118	149	3010 J	48700 J	10600	102	
SW8082	AROCLOR-1268	ug/kg	5.7 U	5.9 U	71 UJ	900 UJ	6.3 U	4.2 U	
SW8082	PCBS, N.O.S.	ug/kg	437	589	7380 J	48700 J	10600	718	
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	8.9 U	8.4 U	1020 J	3710 J	10.7	6.4 U	
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	4.9 J	8.4 U	3550 J	11400 J	40.4	6.4 U	
SW8260	1,2-DICHLOROBENZENE	ug/kg	9.5	3.1 J	1470 J	2800 J	46.5	6.4 U	
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	8.9 U	8.4 U	810 UJ	1100 UJ	3.4 J	6.4 U	
SW8260	1,3-DICHLOROBENZENE	ug/kg	10.2	3.8 J	618 J	519 J	57.6	6.4 U	
SW8260	1,4-DICHLOROBENZENE	ug/kg	29	12.1	1260 J	1500 J	60.6	6.4 U	
SW8260	BENZENE	ug/kg	187	124	700 J	923 J	47.1	2.3	
SW8260	CHLOROBENZENE	ug/kg	27.3	22.6	879 J	1120 J	38.6	6.4 U	
SW8260	ETHYLBENZENE	ug/kg	8.1	5.6	179 J	401 J	14.8	1.3 U	
SW8260	NAPHTHALENE	ug/kg	284	222	5030 J	6950 J	227	2.4 J	
SW8260	O-XYLENE	ug/kg	40	28.3	432 J	731 J	31.2	1.3 U	
SW8260	TOLUENE	ug/kg	8.2	5	6710 J	29900 J	159	0.58 J	
SW8260	XYLENES, M & P	ug/kg	92.4	65.4	1040 J	1920 J	72.7	0.67 J	
SW8260	XYLENES, TOTAL	ug/kg	132	93.7	1470 J	2650 J	104	0.67 J	
SW8270	ACENAPHTHENE	ug/kg	52.2	42.8 J	117 J	231 J	47.4	12.9	
SW8270	ACENAPHTHYLENE	ug/kg	64.6	80	109 J	79 UJ	50	9.39	
SW8270	ANTHRACENE	ug/kg	130	131	235 J	253 J	101	26.8	
SW8270	BENZO(A)ANTHRACENE	ug/kg	269	241	288 J	292 J	180	45.8	
SW8270	BENZO(A)PYRENE	ug/kg	242	264	262 J	229 J	104	27.4	
SW8270	BENZO(B)FLUORANTHENE	ug/kg	279	288	287 J	323 J	237	64.9	
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	143	173	176 J	142 J	42.1	21.6	
SW8270	BENZO(K)FLUORANTHENE	ug/kg	135	136	249 J	204 J	68.2	8.97	
SW8270	CHRYSENE	ug/kg	313	326	455 J	440 J	182	35.7	
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	45 J	45.4 J	66.9 J	99.2 J	14	7.5	
SW8270	FLUORANTHENE	ug/kg	729	727	889 J	990 J	405	101	
SW8270	FLUORENE	ug/kg	78.2	57.3	337 J	410 J	396	53.7	
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	133	149	146 J	170 J	44.5	21.4	
SW8270	PHENANTHRENE	ug/kg	440	465	981 J	1700 J	554	86.1	
SW8270	PHENOL	ug/kg							
SW8270	PYRENE	ug/kg	612	637	604 J	570 J	296	90.9	
SW9045	pH	S.U.	7.74	7.65	7.98 J	7.84 J	7.35	7.55	

TABLE 3
SUMMARY OF VIBRACORE SEDIMENT ANALYTICAL RESULTS

		Location	OL-VC-20164	OL-VC-20164	OL-VC-20164	OL-VC-20164	OL-VC-20164
	Sample Depth	0-1 Ft	1-2 Ft	2-3 Ft	3-4 Ft	4-5 Ft	
	Field Sample ID	OL-0874-14	OL-0874-15	OL-0874-16	OL-0874-17	OL-0874-18	
	Sample Date	8/10/2009	8/10/2009	8/10/2009	8/10/2009	8/10/2009	
	Sample Delivery Group	JA25248	JA25248	JA25248	JA25248	JA25248	
	Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	
	Sample Purpose	Regular sample					
	Sample Type	Sediment	Sediment	Sediment	Sediment	Sediment	
Method	Parameter Name	Units					
ASTM D4643-00	SOLIDS, PERCENT	%					
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	37600 J	53800 J	67900	48100 J	20900
SM2540G	PERCENT MOISTURE	%					
SM2540G	SOLIDS, PERCENT	%	45.9	48.2	52.7	49.1	76.5
SW7471	MERCURY	mg/kg	3 J	1.3 J	1.3	3.5 J	0.68
SW8082	AROCLOR-1016	ug/kg	7.2 UJ	6.9 UJ	6.3 U	6.7 UJ	4.4 U
SW8082	AROCLOR-1221	ug/kg	7.2 UJ	6.9 UJ	6.3 U	6.7 UJ	4.4 U
SW8082	AROCLOR-1232	ug/kg	7.2 UJ	6.9 UJ	6.3 U	6.7 UJ	4.4 U
SW8082	AROCLOR-1242	ug/kg	7.2 UJ	6.9 UJ	6.3 U	6.7 UJ	4.4 U
SW8082	AROCLOR-1248	ug/kg	1310 J	2700 J	1990	1480 J	613
SW8082	AROCLOR-1254	ug/kg	723 J	892 J	935	777 J	402
SW8082	AROCLOR-1260	ug/kg	577 J	230 J	142	70.1 J	45.2
SW8082	AROCLOR-1268	ug/kg	7.2 UJ	6.9 UJ	6.3 U	6.7 UJ	4.4 U
SW8082	PCBS, N.O.S.	ug/kg	2610 J	3820 J	3070	2330 J	1060
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	11 UJ	3.6 J	9.7 U	10 UJ	6.3 U
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	11 UJ	6.3 J	2.6 J	4 J	0.57 J
SW8260	1,2-DICHLOROBENZENE	ug/kg	4.2 J	3.4 J	9.7 U	1.5 J	6.3 U
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	2.6 J	11 UJ	9.7 U	2.5 J	6.3 U
SW8260	1,3-DICHLOROBENZENE	ug/kg	5.9 J	1.4 J	9.7 U	5 J	6.3 U
SW8260	1,4-DICHLOROBENZENE	ug/kg	16.2 J	3.3 J	9.7 U	3.9 J	0.43 J
SW8260	BENZENE	ug/kg	11.7 J	4.7 J	4.8	28.1 J	12
SW8260	CHLOROBENZENE	ug/kg	23.4 J	4 J	2.1 J	1.9 J	6.3 U
SW8260	ETHYLBENZENE	ug/kg	1.1 J	2.2 UJ	1.9 U	0.86 J	1.3 U
SW8260	NAPHTHALENE	ug/kg	12.3 J	11.2 J	5.7 J	25.5 J	3.8 J
SW8260	O-XYLENE	ug/kg	4.4 J	1.2 J	1.9 U	4.6 J	0.81 J
SW8260	TOLUENE	ug/kg	5.9 J	6 J	4.4	4.9 J	1.1 J
SW8260	XYLENES, M & P	ug/kg	5.6 J	3.9 J	2.3 J	5.5 J	0.87 J
SW8260	XYLENES, TOTAL	ug/kg	10 J	5.1 J	2.3 J	10.1 J	1.7 J
SW8270	ACENAPHTHENE	ug/kg	60.8 J	71.5 J	68.3	48.3 J	24
SW8270	ACENAPHTHYLENE	ug/kg	59.6 J	30.7 J	26.7	29.5 J	10.6
SW8270	ANTHRACENE	ug/kg	120 J	97 J	86.6	81.3 J	50.6
SW8270	BENZO(A)ANTHRACENE	ug/kg	289 J	287 J	227	262 J	95.4
SW8270	BENZO(A)PYRENE	ug/kg	186 J	179 J	140	154 J	60.4
SW8270	BENZO(B)FLUORANTHENE	ug/kg	201 J	206 J	166	158 J	98.1
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	68.1 J	75.5 J	44.3	62.7 J	43.7
SW8270	BENZO(K)FLUORANTHENE	ug/kg	186 J	151 J	128	159 J	42.7
SW8270	CHRYSENE	ug/kg	209 J	247 J	187	165 J	69.2
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	20.7 J	33.6 J	15.8	27.7 J	17.2
SW8270	FLUORANTHENE	ug/kg	624 J	493 J	460	389 J	177
SW8270	FLUORENE	ug/kg	180 J	147 J	397	895 J	95.4
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	73.9 J	89.7 J	53.6	76.3 J	46.3
SW8270	PHENANTHRENE	ug/kg	595 J	546 J	493	275 J	184
SW8270	PHENOL	ug/kg					
SW8270	PYRENE	ug/kg	402 J	412 J	284	325 J	147
SW9045	pH	S.U.	7.54 J	10.44 J	10.49	10.11 J	9.48

TABLE 3
SUMMARY OF VIBRACORE SEDIMENT ANALYTICAL RESULTS

		Location	OL-VC-20164	OL-VC-20164	OL-VC-20164	OL-VC-20164	OL-VC-20166	OL-VC-20166
	Sample Depth	5-6 Ft	6-7 Ft	7-8.2 Ft	8-9 Ft	0-1 Ft	1-2 Ft	
Lloyd Kahn	Field Sample ID	OL-0874-19	OL-0874-20	OL-0874-21	OL-0876-07	OL-0847-14	OL-0847-15	
SM2540G	Sample Date	8/10/2009	8/10/2009	8/10/2009	8/10/2009	7/28/2009	7/28/2009	
SM2540G	Sample Delivery Group	JA25248	JA25248	JA25248	JA25249	JA24181	JA24181	
Method	Parameter Name	Units						
ASTM D4643-00	SOLIDS, PERCENT	%		81.2		46.1	37.7	
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	26100	17600	15000	45900	62200 J	68200 J
SM2540G	PERCENT MOISTURE	%						
SM2540G	SOLIDS, PERCENT	%	71.7	75.7	71.4			
SW7471	MERCURY	mg/kg	0.42	0.22	0.17	0.57 J	4.3 J	6 J
SW8082	AROCLOR-1016	ug/kg	4.6 U	4.3 U	4.1 U	4.6 U	7.2 UJ	8.8 UJ
SW8082	AROCLOR-1221	ug/kg	4.6 U	4.3 U	4.1 U	4.6 U	7.2 UJ	8.8 UJ
SW8082	AROCLOR-1232	ug/kg	4.6 U	4.3 U	4.1 U	4.6 U	7.2 UJ	8.8 UJ
SW8082	AROCLOR-1242	ug/kg	4.6 U	4.3 U	4.1 U	4.6 U	7.2 UJ	8.8 UJ
SW8082	AROCLOR-1248	ug/kg	1070	795	519	4020	1150 J	402 J
SW8082	AROCLOR-1254	ug/kg	801	600	485	2340	533 J	201 J
SW8082	AROCLOR-1260	ug/kg	98	72.4	78.6	285	167 J	191 J
SW8082	AROCLOR-1268	ug/kg	4.6 U	4.3 U	4.1 U	4.6 U	7.2 UJ	8.8 UJ
SW8082	PCBS, N.O.S.	ug/kg	1970	1470	1080	6650	1850 J	794 J
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	6.7 U	6.5 U	5.9 UJ	7.4 U	11 UJ	13 UJ
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	0.66 J	6.5 U	5.9 U	7.4 U	11 UJ	13 UJ
SW8260	1,2-DICHLOROBENZENE	ug/kg	6.7 U	6.5 U	5.9 U	0.61 J	1.7 J	6.5 J
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	6.7 U	6.5 U	5.9 U	7.4 U	2.4 J	4.4 J
SW8260	1,3-DICHLOROBENZENE	ug/kg	6.7 U	6.5 U	5.9 U	7.4 U	7.3 J	86.9 J
SW8260	1,4-DICHLOROBENZENE	ug/kg	0.72 J	0.76 J	0.47 J	1 J	19.6 J	82.7 J
SW8260	BENZENE	ug/kg	10	3.5	1.6	6.4	29.6 J	10.5 J
SW8260	CHLOROBENZENE	ug/kg	6.7 U	6.5 U	5.9 U	1.1 J	112 J	317 J
SW8260	ETHYLBENZENE	ug/kg	1.3 U	1.3 U	1.2 U	1.5 U	3 J	3.6 J
SW8260	NAPHTHALENE	ug/kg	3.8 J	1.8 J	1.7 J	8.6	13.1 J	13 J
SW8260	O-XYLENE	ug/kg	0.69 J	1.3 U	1.2 U	1.3 J	7.3 J	3.3 J
SW8260	TOLUENE	ug/kg	0.73 J	0.42 J	1.2 U	1.4 J	2.2 J	3.3 J
SW8260	XYLENES, M & P	ug/kg	0.72 J	2.6 U	2.4 U	1.2 J	7.9 J	2.4 J
SW8260	XYLENES, TOTAL	ug/kg	1.4 J	2.6 U	2.4 U	2.5 J	15.2 J	5.7 J
SW8270	ACENAPHTHENE	ug/kg	22.9	24.9	17.2	79.1	64.8 J	15 UJ
SW8270	ACENAPHTHYLENE	ug/kg	9.54	5.38	8.46	35.9 J	161 J	30.7 J
SW8270	ANTHRACENE	ug/kg	47	46.9	34	96.6	190 J	39.5 J
SW8270	BENZO(A)ANTHRACENE	ug/kg	104	105	94.7	265	377 J	166 J
SW8270	BENZO(A)PYRENE	ug/kg	66.3	60.9	58.6	240	310 J	59.3 J
SW8270	BENZO(B)FLUORANTHENE	ug/kg	110	101	105	221	471 J	124 J
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	45.4	35.4	41.7	72.8	155 J	32.2 J
SW8270	BENZO(K)FLUORANTHENE	ug/kg	51.5	40.2	41.2	240	116 J	39.3 J
SW8270	CHRYSENE	ug/kg	78.8	69.5	65.7	278	342 J	87 J
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	17.5	15.5	15.5	40 U	82.7 J	15 J
SW8270	FLUORANTHENE	ug/kg	182	159	166	665	754 J	312 J
SW8270	FLUORENE	ug/kg	77	41.7	41.9	272	389 J	340 J
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	49.7	38.1	43.4	68	151 J	34.8 J
SW8270	PHENANTHRENE	ug/kg	165	183	138	444	548 J	62.1 J
SW8270	PHENOL	ug/kg						
SW8270	PYRENE	ug/kg	156	165	144	432	623 J	244 J
SW9045	pH	S.U.	10.26	10.52	10.59	9.97	7.08 J	7.55 J

TABLE 3
SUMMARY OF VIBRACORE SEDIMENT ANALYTICAL RESULTS

		Location	OL-VC-20166	OL-VC-20166	OL-VC-20166	OL-VC-20166	OL-VC-20167
	Sample Depth	2-3 Ft	3-4 Ft	4-5 Ft	5-6 Ft	0-1 Ft	
	Field Sample ID	OL-0847-16	OL-0847-17	OL-0847-18	OL-0847-19	OL-0847-08	
	Sample Date	7/28/2009	7/28/2009	7/28/2009	7/28/2009	7/28/2009	
	Sample Delivery Group	JA24181	JA24181	JA24181	JA24181	JA24181	
	Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	
	Sample Purpose	Regular sample					
	Sample Type	Sediment	Sediment	Sediment	Sediment	Sediment	
Method	Parameter Name	Units					
ASTM D4643-00	SOLIDS, PERCENT	%	44.1	52.6	51	61.7	40.7
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	17900 J	7970	8060	8860	80600 J
SM2540G	PERCENT MOISTURE	%					
SM2540G	SOLIDS, PERCENT	%					
SW7471	MERCURY	mg/kg	1.4 J	0.022 U	0.025 U	0.02 U	3 J
SW8082	AROCLOR-1016	ug/kg	7.5 UJ	6.3 U	6.5 U	5.3 U	8 UJ
SW8082	AROCLOR-1221	ug/kg	7.5 UJ	6.3 U	6.5 U	5.3 U	8 UJ
SW8082	AROCLOR-1232	ug/kg	7.5 UJ	6.3 U	6.5 U	5.3 U	8 UJ
SW8082	AROCLOR-1242	ug/kg	7.5 UJ	6.3 U	6.5 U	5.3 U	8 UJ
SW8082	AROCLOR-1248	ug/kg	7.5 UJ	6.3 U	6.5 U	5.3 U	166 J
SW8082	AROCLOR-1254	ug/kg	7.5 UJ	6.3 U	6.5 U	5.3 U	75.9 J
SW8082	AROCLOR-1260	ug/kg	7.5 UJ	6.3 U	6.5 U	5.3 U	44.5 J
SW8082	AROCLOR-1268	ug/kg	7.5 UJ	6.3 U	6.5 U	5.3 U	8 UJ
SW8082	PCBS, N.O.S.	ug/kg	7.5 UJ	6.3 U	6.5 U	5.3 U	286 J
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	11 UJ	9.3 U	9.8 U	7.9 U	12 UJ
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	11 UJ	9.3 U	9.8 U	7.9 U	12 UJ
SW8260	1,2-DICHLOROBENZENE	ug/kg	11 UJ	9.3 U	9.8 U	7.9 U	62.4 J
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	11 UJ	9.3 U	9.8 U	7.9 U	12 UJ
SW8260	1,3-DICHLOROBENZENE	ug/kg	11 UJ	9.3 U	9.8 U	7.9 U	15.4 J
SW8260	1,4-DICHLOROBENZENE	ug/kg	11 UJ	9.3 U	9.8 U	7.9 U	61.1 J
SW8260	BENZENE	ug/kg	2.3 UJ	1.9 U	2 U	1.6 U	3.1 J
SW8260	CHLOROBENZENE	ug/kg	11 UJ	9.3 U	9.8 U	7.9 U	47 J
SW8260	ETHYLBENZENE	ug/kg	2.3 UJ	1.9 U	2 U	1.6 U	7 J
SW8260	NAPHTHALENE	ug/kg	11 UJ	9.3 U	9.8 U	7.9 U	12 UJ
SW8260	O-XYLENE	ug/kg	2.3 UJ	1.9 U	2 U	1.6 U	2.5 UJ
SW8260	TOLUENE	ug/kg	2.3 UJ	1.9 U	2 U	1.6 U	2.1 J
SW8260	XYLEMES, M & P	ug/kg	4.5 UJ	3.7 U	3.9 U	3.2 U	4.9 J
SW8260	XYLEMES, TOTAL	ug/kg	4.5 UJ	3.7 U	3.9 U	3.2 U	4.9 J
SW8270	ACENAPHTHENE	ug/kg	65 UJ	11 U	11 U	9.3 U	23.6 J
SW8270	ACENAPHTHYLENE	ug/kg	104 J	11 U	11 U	9.3 U	66.2 J
SW8270	ANTHRACENE	ug/kg	79.1 J	11 U	11 U	9.3 U	245 J
SW8270	BENZO(A)ANTHRACENE	ug/kg	499 J	12.8	11 U	9.3 U	180 J
SW8270	BENZO(A)PYRENE	ug/kg	395 J	11 U	11 U	9.3 U	89.1 J
SW8270	BENZO(B)FLUORANTHENE	ug/kg	530 J	11 UJ	11 UJ	9.3 UJ	274 J
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	244 J	11 U	11 U	9.3 U	36 J
SW8270	BENZO(K)FLUORANTHENE	ug/kg	197 J	11 UJ	11 UJ	9.3 UJ	47.5 J
SW8270	CHRYSENE	ug/kg	502 J	5.67 J	11 U	9.3 U	142 J
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	89.3 J	11 U	11 U	9.3 U	64.7 J
SW8270	FLUORANTHENE	ug/kg	974 J	16.1	11 U	9.3 U	416 J
SW8270	FLUORENE	ug/kg	704 J	11.9	11 U	9.3 U	2050 J
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	211 J	11 U	11 U	9.3 U	44.5 J
SW8270	PHENANTHRENE	ug/kg	67.2 J	11 U	11 U	9.3 U	52.1 J
SW8270	PHENOL	ug/kg					
SW8270	PYRENE	ug/kg	823 J	14.7	11 U	9.3 U	276 J
SW9045	pH	S.U.	7.71 J	7.29	7.17	7.3	8.1 J

TABLE 3
SUMMARY OF VIBRACORE SEDIMENT ANALYTICAL RESULTS

		Location	OL-VC-20167	OL-VC-20167	OL-VC-20167	OL-VC-20167	OL-VC-20167	OL-VC-20168
	Sample Depth		1-2 Ft	2-3 Ft	3-4 Ft	4-5 Ft	5-6 Ft	0-1 Ft
	Field Sample ID	OL-0847-09	OL-0847-10	OL-0847-11	OL-0847-12	OL-0847-13	OL-0850-20	
	Sample Date	7/28/2009	7/28/2009	7/28/2009	7/28/2009	7/28/2009	7/28/2009	7/29/2009
	Sample Delivery Group	JA24181	JA24181	JA24181	JA24181	JA24181	JA24181	JA24295
	Matrix	SOIL						
	Sample Purpose	Regular sample						
	Sample Type	Sediment						
Method	Parameter Name	Units						
ASTM D4643-00	SOLIDS, PERCENT	%	52.5	51.7	49.2		57.5	
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	37600	12600	12000 J	10100	12500	21500
SM2540G	PERCENT MOISTURE	%						
SM2540G	SOLIDS, PERCENT	%				57.1		63.3
SW7471	MERCURY	mg/kg	2.5	0.061	0.026 U	0.022 U	0.021 U	0.4
SW8082	AROCLOR-1016	ug/kg	6.3 U	6.4 U	6.7 U	5.8 U	5.7 U	5.2 U
SW8082	AROCLOR-1221	ug/kg	6.3 U	6.4 U	6.7 U	5.8 U	5.7 U	5.2 U
SW8082	AROCLOR-1232	ug/kg	6.3 U	6.4 U	6.7 U	5.8 U	5.7 U	5.2 U
SW8082	AROCLOR-1242	ug/kg	6.3 U	6.4 U	6.7 U	5.8 U	5.7 U	5.2 U
SW8082	AROCLOR-1248	ug/kg	6.3 U	6.4 U	6.7 U	5.8 U	5.7 U	5.2 U
SW8082	AROCLOR-1254	ug/kg	6.3 U	6.4 U	6.7 U	5.8 U	5.7 U	5.2 U
SW8082	AROCLOR-1260	ug/kg	6.3 U	6.4 U	6.7 U	5.8 U	5.7 U	5.2 U
SW8082	AROCLOR-1268	ug/kg	6.3 U	6.4 U	6.7 U	5.8 U	5.7 U	5.2 U
SW8082	PCBS, N.O.S.	ug/kg	6.3 U	6.4 U	6.7 U	5.8 U	5.7 U	5.2 U
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	9.3 U	9.7 U	10 U	8.3 U	8.4 U	8.4 U
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	9.3 U	9.7 U	10 U	8.3 U	8.4 U	8.4 U
SW8260	1,2-DICHLOROBENZENE	ug/kg	6.5 J	9.7 U	0.62 J	8.3 U	8.4 U	10.6
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	9.3 U	9.7 U	10 U	8.3 U	8.4 U	8.4 U
SW8260	1,3-DICHLOROBENZENE	ug/kg	9.3 U	9.7 U	10 U	8.3 U	8.4 U	2.4 J
SW8260	1,4-DICHLOROBENZENE	ug/kg	4.4 J	9.7 U	10 U	8.3 U	8.4 U	11.8
SW8260	BENZENE	ug/kg	1.9 U	1.9 U	2 U	1.7 U	1.7 U	14.2
SW8260	CHLOROBENZENE	ug/kg	9.3 U	9.7 U	10 U	8.3 U	8.4 U	20.6
SW8260	ETHYLBENZENE	ug/kg	1.9 U	1.9 U	2 U	1.7 U	1.7 U	20
SW8260	NAPHTHALENE	ug/kg	9.3 U	9.7 U	10 U	8.3 U	8.4 U	24.9
SW8260	O-XYLENE	ug/kg	1.9 U	1.9 U	2 U	1.7 U	1.7 U	2.5
SW8260	TOLUENE	ug/kg	1.9 U	1.9 U	2 U	1.7 U	1.7 U	3.1
SW8260	XYLENES, M & P	ug/kg	3.7 U	3.9 U	4.1 U	3.3 U	3.3 U	7.4
SW8260	XYLENES, TOTAL	ug/kg	3.7 U	3.9 U	4.1 U	3.3 U	3.3 U	9.9
SW8270	ACENAPHTHENE	ug/kg	11.9 J	11 U	12 U	10 U	9.9 U	709
SW8270	ACENAPHTHYLENE	ug/kg	109	11 U	12 U	10 U	9.9 U	696
SW8270	ANTHRACENE	ug/kg	309	6.11 J	12 U	10 U	9.9 U	1890
SW8270	BENZO(A)ANTHRACENE	ug/kg	335	21.2	12 U	10 U	9.9 U	1530
SW8270	BENZO(A)PYRENE	ug/kg	208	11	12 U	10 U	9.9 U	879 J
SW8270	BENZO(B)FLUORANTHENE	ug/kg	339	21.3 J	12 U	10 U	9.9 U	632
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	102	8.06 J	12 U	10 U	9.9 U	363
SW8270	BENZO(K)FLUORANTHENE	ug/kg	103 J	5.54 J	12 U	10 U	9.9 U	749 J
SW8270	CHRYSENE	ug/kg	273	11.8	12 U	10 U	9.9 U	1230 J
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	61.1	11 U	12 U	10 U	9.9 U	148
SW8270	FLUORANTHENE	ug/kg	690	28.4	12 U	10 U	9.9 U	2910
SW8270	FLUORENE	ug/kg	1530	31.1	12 U	10 U	9.9 U	280
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	110	6.43 J	12 U	10 U	9.9 U	397 J
SW8270	PHENANTHRENE	ug/kg	64.8 J	6.25 J	12 U	10 U	9.9 U	3850
SW8270	PHENOL	ug/kg						
SW8270	PYRENE	ug/kg	473	32.1	12 U	10 U	9.9 U	2040
SW9045	pH	S.U.	7.81	7.5	7.4 J	7.46	7.55	7.65

TABLE 3
SUMMARY OF VIBRACORE SEDIMENT ANALYTICAL RESULTS

		Location	OL-VC-20168	OL-VC-20168	OL-VC-20168	OL-VC-20168	OL-VC-20168
	Sample Depth	1-2 Ft		2-3 Ft	3-4 Ft	4-5 Ft	5-6 Ft
	Field Sample ID	OL-0851-01		OL-0851-02	OL-0851-03	OL-0851-04	OL-0851-05
	Sample Date	7/29/2009		7/29/2009	7/29/2009	7/29/2009	7/29/2009
	Sample Delivery Group	JA24294		JA24294	JA24294	JA24294	JA24294
	Matrix	SOIL		SOIL	SOIL	SOIL	SOIL
	Sample Purpose	Regular sample		Regular sample	Regular sample	Regular sample	Regular sample
	Sample Type	Sediment		Sediment	Sediment	Sediment	Sediment
Method	Parameter Name	Units					
ASTM D4643-00	SOLIDS, PERCENT	%					
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	8400	9750	8340	7160	7570
SM2540G	PERCENT MOISTURE	%					
SM2540G	SOLIDS, PERCENT	%	59.5	59.8	54.1	64.2	55.9
SW7471	MERCURY	mg/kg	0.022 U	0.02 U	0.023 U	0.019 U	0.022 U
SW8082	AROCLOR-1016	ug/kg	5.5 U	5.4 U	6.1 U	5.2 U	5.9 U
SW8082	AROCLOR-1221	ug/kg	5.5 U	5.4 U	6.1 U	5.2 U	5.9 U
SW8082	AROCLOR-1232	ug/kg	5.5 U	5.4 U	6.1 U	5.2 U	5.9 U
SW8082	AROCLOR-1242	ug/kg	5.5 U	5.4 U	6.1 U	5.2 U	5.9 U
SW8082	AROCLOR-1248	ug/kg	5.5 U	5.4 U	6.1 U	5.2 U	5.9 U
SW8082	AROCLOR-1254	ug/kg	5.5 U	5.4 U	6.1 U	5.2 U	5.9 U
SW8082	AROCLOR-1260	ug/kg	5.5 U	5.4 U	6.1 U	5.2 U	5.9 U
SW8082	AROCLOR-1268	ug/kg	5.5 U	5.4 U	6.1 U	5.2 U	5.9 U
SW8082	PCBS, N.O.S.	ug/kg	5.5 U	5.4 U	6.1 U	5.2 U	5.9 U
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	8.2 U	8.4 U	8.9 U	7.6 U	8.9 U
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	8.2 U	8.4 U	8.9 U	7.6 U	8.9 U
SW8260	1,2-DICHLOROBENZENE	ug/kg	8.2 U	8.4 U	8.9 U	7.6 U	8.9 U
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	8.2 U	8.4 U	8.9 U	7.6 U	8.9 U
SW8260	1,3-DICHLOROBENZENE	ug/kg	8.2 U	8.4 U	8.9 U	7.6 U	8.9 U
SW8260	1,4-DICHLOROBENZENE	ug/kg	8.2 U	8.4 U	8.9 U	7.6 U	8.9 U
SW8260	BENZENE	ug/kg	1.6 U	1.7 U	1.8 U	1.5 U	6.9
SW8260	CHLOROBENZENE	ug/kg	2.3 J	4.1 J	3.2 J	1.5 J	8.9 U
SW8260	ETHYLBENZENE	ug/kg	1 J	1.7 U	1.8 U	1.5 U	1.8 U
SW8260	NAPHTHALENE	ug/kg	8.2 U	8.4 U	8.9 U	7.6 U	8.9 U
SW8260	O-XYLENE	ug/kg	0.95 J	1.7 U	1.8 U	1.5 U	1.8 U
SW8260	TOLUENE	ug/kg	0.95 J	1.7 U	1.8 U	1.5 U	1.8 U
SW8260	XYLENES, M & P	ug/kg	3.2 J	3.3 U	3.6 U	3.1 U	3.6 U
SW8260	XYLENES, TOTAL	ug/kg	4.2	3.3 U	3.6 U	3.1 U	3.6 U
SW8270	ACENAPHTHENE	ug/kg	68.8	48 U	11 U	44 U	5.1 U
SW8270	ACENAPHTHYLENE	ug/kg	44.7 J	48 U	11 U	44 U	5.1 U
SW8270	ANTHRACENE	ug/kg	152	11.3	8.38 J	44 U	5.1 U
SW8270	BENZO(A)ANTHRACENE	ug/kg	116	14.9	11.4	44 U	5.1 U
SW8270	BENZO(A)PYRENE	ug/kg	72	48 U	11 U	44 U	5.1 U
SW8270	BENZO(B)FLUORANTHENE	ug/kg	86.2	7.18 J	11 U	44 U	5.1 U
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	37.9 J	48 U	11 U	44 U	5.1 U
SW8270	BENZO(K)FLUORANTHENE	ug/kg	40.4 J	3.28 J	11 U	44 U	5.1 U
SW8270	CHRYSENE	ug/kg	95.6	4.68 J	3.13 J	44 U	5.1 U
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	48 U	48 U	11 U	44 U	5.1 U
SW8270	FLUORANTHENE	ug/kg	252	18.8	14.3	44 U	5.1 U
SW8270	FLUORENE	ug/kg	144	7.19 J	5.88 J	44 U	5.1 U
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	40.3 J	48 U	11 U	44 U	5.1 U
SW8270	PHENANTHRENE	ug/kg	348	29.5	23.3	44 U	5.1 U
SW8270	PHENOL	ug/kg					
SW8270	PYRENE	ug/kg	182	13	10.5 J	44 U	5.1 U
SW9045	pH	S.U.	7.31	7.41	7.47	7.64	7.42

TABLE 3
SUMMARY OF VIBRACORE SEDIMENT ANALYTICAL RESULTS

		Location	OL-VC-20169	OL-VC-20169	OL-VC-20169	OL-VC-20169	OL-VC-20169	OL-VC-20169	OL-VC-20169
		Sample Depth	0-1 Ft	1-2 Ft	2-3 Ft	3-4 Ft	4-5 Ft	5-6 Ft	
		Field Sample ID	OL-0850-14	OL-0850-15	OL-0850-16	OL-0850-17	OL-0850-18	OL-0850-19	
		Sample Date	7/29/2009	7/29/2009	7/29/2009	7/29/2009	7/29/2009	7/29/2009	
		Sample Delivery Group	JA24295	JA24295	JA24295	JA24295	JA24295	JA24295	
		Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	
		Sample Purpose	Regular sample						
		Sample Type	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	
Method	Parameter Name	Units							
ASTM D4643-00	SOLIDS, PERCENT	%							
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	57300	6430	7770	10700	6160	7910	
SM2540G	PERCENT MOISTURE	%							
SM2540G	SOLIDS, PERCENT	%	53.9	64.6	52.8	55.7	54.3	54.1	
SW7471	MERCURY	mg/kg	0.28	0.028 J	0.032 J	0.021 U	0.023 U	0.023 U	
SW8082	AROCLOR-1016	ug/kg	6.1 U	5.1 U	6.3 U	5.9 U	6.1 U	6.1 U	
SW8082	AROCLOR-1221	ug/kg	6.1 U	5.1 U	6.3 U	5.9 U	6.1 U	6.1 U	
SW8082	AROCLOR-1232	ug/kg	6.1 U	5.1 U	6.3 U	5.9 U	6.1 U	6.1 U	
SW8082	AROCLOR-1242	ug/kg	6.1 U	5.1 U	6.3 U	5.9 U	6.1 U	6.1 U	
SW8082	AROCLOR-1248	ug/kg	6.1 U	5.1 U	6.3 U	5.9 U	6.1 U	6.1 U	
SW8082	AROCLOR-1254	ug/kg	6.1 U	5.1 U	6.3 U	5.9 U	6.1 U	6.1 U	
SW8082	AROCLOR-1260	ug/kg	6.1 U	5.1 U	6.3 U	5.9 U	6.1 U	6.1 U	
SW8082	AROCLOR-1268	ug/kg	6.1 U	5.1 U	6.3 U	5.9 U	6.1 U	6.1 U	
SW8082	PCBS, N.O.S.	ug/kg	6.1 U	5.1 U	6.3 U	5.9 U	6.1 U	6.1 U	
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	36 U	8.1 U	8.8 U	17 U	19 U	18 U	
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	36 U	8.1 U	8.8 U	17 U	19 U	18 U	
SW8260	1,2-DICHLOROBENZENE	ug/kg	3.3 J	8.1 U	8.8 U	17 U	19 U	18 U	
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	36 U	8.1 U	8.8 U	17 U	19 U	18 U	
SW8260	1,3-DICHLOROBENZENE	ug/kg	36 U	8.1 U	8.8 U	17 U	19 U	18 U	
SW8260	1,4-DICHLOROBENZENE	ug/kg	2.7 J	8.1 U	8.8 U	17 U	19 U	18 U	
SW8260	BENZENE	ug/kg	1300	5.1	108	392	598	492	
SW8260	CHLOROBENZENE	ug/kg	12.8 J	0.87 J	8.8 U	17 U	19 U	18 U	
SW8260	ETHYLBENZENE	ug/kg	71.6	1.6 U	1.8 U	3.5 U	3.8 U	3.6 U	
SW8260	NAPHTHALENE	ug/kg	8010	22.6	3.3 J	12.5 J	4.1 J	4.5 J	
SW8260	O-XYLENE	ug/kg	94.4	1.6 U	1.8 U	3.5 U	3.8 U	3.6 U	
SW8260	TOLUENE	ug/kg	28.8	1.6 U	1.8 U	3.5 U	3.8 U	3.6 U	
SW8260	XYLEMES, M & P	ug/kg	161	0.95 J	3.5 U	6.9 U	7.7 U	7.1 U	
SW8260	XYLEMES, TOTAL	ug/kg	255	0.95 J	3.5 U	6.9 U	7.7 U	7.1 U	
SW8270	ACENAPHTHENE	ug/kg	3530	197	5.9 U	5.6 U	5.6 U	5.8 U	
SW8270	ACENAPHTHYLENE	ug/kg	4920	51.3	5.9 U	5.6 U	5.6 U	5.8 U	
SW8270	ANTHRACENE	ug/kg	8610	598	9.95	5.6 U	5.6 U	5.8 U	
SW8270	BENZO(A)ANTHRACENE	ug/kg	6650	481	18	5.6 U	5.6 U	12	
SW8270	BENZO(A)PYRENE	ug/kg	3560 J	545 J	6.24 J	5.6 U	5.6 U	5.8 U	
SW8270	BENZO(B)FLUORANTHENE	ug/kg	3900	434	15.2	5.6 U	5.6 U	5.8 U	
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	1390	298	5.9 U	5.6 U	5.6 U	5.8 U	
SW8270	BENZO(K)FLUORANTHENE	ug/kg	2010 J	314 J	6.03 J	5.6 U	5.6 U	5.8 U	
SW8270	CHRYSENE	ug/kg	4660 J	506 J	8.16 J	5.6 U	5.6 U	4.5 U	
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	853	117	5.9 U	5.6 U	5.6 U	5.8 U	
SW8270	FLUORANTHENE	ug/kg	12200	1470	22	5.6 U	5.6 U	13.2	
SW8270	FLUORENE	ug/kg	8580	337	8.23	5.6 U	5.6 U	5.8 U	
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	1650 J	265 J	5.9 U	5.6 U	5.6 U	5.8 U	
SW8270	PHENANTHRENE	ug/kg	20100	1590	33.1	10.7	5.6 U	13	
SW8270	PHENOL	ug/kg							
SW8270	PYRENE	ug/kg	9850	1440	17	5.6 U	5.6 U	13.3	
SW9045	pH	S.U.	7.33	7.49	7.12	7.26	7.21	7.2	

TABLE 3
SUMMARY OF VIBRACORE SEDIMENT ANALYTICAL RESULTS

		Location	OL-VC-20170	OL-VC-20170	OL-VC-20170	OL-VC-20170	OL-VC-20170
	Sample Depth	0-1 Ft		1-2 Ft	2-3 Ft	3-4 Ft	4-5 Ft
	Field Sample ID	OL-0848-13		OL-0848-14	OL-0848-15	OL-0848-16	OL-0848-17
	Sample Date	7/28/2009		7/28/2009	7/28/2009	7/28/2009	7/28/2009
	Sample Delivery Group	JA24182		JA24182	JA24182	JA24182	JA24182
	Matrix	SOIL		SOIL	SOIL	SOIL	SOIL
	Sample Purpose	Regular sample		Regular sample	Regular sample	Regular sample	Regular sample
	Sample Type	Sediment		Sediment	Sediment	Sediment	Sediment
Method	Parameter Name	Units					
ASTM D4643-00	SOLIDS, PERCENT	%					
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	4040	8940	15800	2290	28600
SM2540G	PERCENT MOISTURE	%					
SM2540G	SOLIDS, PERCENT	%	72	63.8	54.5	52.6	51.3
SW7471	MERCURY	mg/kg	0.018 U	0.019 U	0.021 U	0.025 U	0.022 U
SW8082	AROCLOR-1016	ug/kg	4.5 U	5.2 U	6 U	6.3 U	6.4 U
SW8082	AROCLOR-1221	ug/kg	4.5 U	5.2 U	6 U	6.3 U	6.4 U
SW8082	AROCLOR-1232	ug/kg	4.5 U	5.2 U	6 U	6.3 U	6.4 U
SW8082	AROCLOR-1242	ug/kg	4.5 U	5.2 U	6 U	6.3 U	6.4 U
SW8082	AROCLOR-1248	ug/kg	4.5 U	5.2 U	69.6	6.3 U	6.4 U
SW8082	AROCLOR-1254	ug/kg	4.5 U	5.2 U	59.7	6.3 U	6.4 U
SW8082	AROCLOR-1260	ug/kg	4.5 U	5.2 U	29.3	6.3 U	6.4 U
SW8082	AROCLOR-1268	ug/kg	4.5 U	5.2 U	6 U	6.3 U	6.4 U
SW8082	PCBS, N.O.S.	ug/kg	4.5 U	5.2 U	159	6.3 U	6.4 U
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	1100 U	8.7 U	42 U	43 U	49 U
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	1100 U	8.7 U	42 U	43 U	49 U
SW8260	1,2-DICHLOROBENZENE	ug/kg	1630	3.9 J	42 U	43 U	49 U
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	1100 U	8.7 U	42 U	43 U	49 U
SW8260	1,3-DICHLOROBENZENE	ug/kg	1100 U	8.7 U	42 U	43 U	49 U
SW8260	1,4-DICHLOROBENZENE	ug/kg	2480	5.2 J	42 U	43 U	49 U
SW8260	BENZENE	ug/kg	64100	114	1340	1600	1310
SW8260	CHLOROBENZENE	ug/kg	2340	15.6	16.7 J	10.2 J	4.3 J
SW8260	ETHYLBENZENE	ug/kg	70700	82.8	33.8	16.5	8.9 J
SW8260	NAPHTHALENE	ug/kg	1280000	4060	481	75.8	37.7 J
SW8260	O-XYLENE	ug/kg	158000	175	41.4	4.4 J	9.7 U
SW8260	TOLUENE	ug/kg	53400	43.1	10.6	8.6 U	9.7 U
SW8260	XYLENES, M & P	ug/kg	664000	686	188	22.6	19 U
SW8260	XYLENES, TOTAL	ug/kg	822000	861	229	27	19 U
SW8270	ACENAPHTHENE	ug/kg	172	8.9 U	10 U	11 U	11 U
SW8270	ACENAPHTHYLENE	ug/kg	131	8.9 U	10 U	11 U	11 U
SW8270	ANTHRACENE	ug/kg	286	8.9 U	10 U	11 U	11 U
SW8270	BENZO(A)ANTHRACENE	ug/kg	87.5	8.9 U	10 U	11 U	11 U
SW8270	BENZO(A)PYRENE	ug/kg	65.9	8.9 U	10 U	11 U	11 U
SW8270	BENZO(B)FLUORANTHENE	ug/kg	118	8.9 U	10 U	11 U	11 U
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	17.1	8.9 U	10 U	11 U	11 U
SW8270	BENZO(K)FLUORANTHENE	ug/kg	24.9	8.9 U	10 U	11 U	11 U
SW8270	CHRYSENE	ug/kg	77.2	8.9 U	10 U	11 U	11 U
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	24.8	8.9 U	10 U	11 U	11 U
SW8270	FLUORANTHENE	ug/kg	271	8.9 U	10 U	11 U	11 U
SW8270	FLUORENE	ug/kg	15600	124	22.6	11 U	11 U
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	39.4	8.9 U	10 U	11 U	11 U
SW8270	PHENANTHRENE	ug/kg	1320	13.6	10 U	11 U	11 U
SW8270	PHENOL	ug/kg					
SW8270	PYRENE	ug/kg	284	8.9 U	10 U	11 U	11 U
SW9045	pH	S.U.	7.82	7.51	7.32	7.26	7.24

TABLE 3
SUMMARY OF VIBRACORE SEDIMENT ANALYTICAL RESULTS

		Location	OL-VC-20170	OL-VC-20171	OL-VC-20171	OL-VC-20171	OL-VC-20171	OL-VC-20171	OL-VC-20171
		Sample Depth	5-6 Ft	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-0848-18	OL-0829-01	OL-0829-02	OL-0829-03	OL-0829-04	OL-0829-05	
		Sample Date	7/28/2009	7/8/2009	7/8/2009	7/8/2009	7/8/2009	7/8/2009	
		Sample Delivery Group	JA24182	JA22719	JA22719	JA22719	JA22719	JA22719	
		Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	
		Sample Purpose	Regular sample						
		Sample Type	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	
Method	Parameter Name	Units							
ASTM D4643-00	SOLIDS, PERCENT	%							
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	27300	28500 J	54300 J	50300 J	34200 J	32200 J	
SM2540G	PERCENT MOISTURE	%							
SM2540G	SOLIDS, PERCENT	%	58.6	33.4	31.4	32.5	37.4	44.2	
SW7471	MERCURY	mg/kg	0.022 U	1.7 J	2.9 J	12.2 J	1.8 J	1.1 J	
SW8082	AROCLOR-1016	ug/kg	5.7 U	10 UJ	11 UJ	10 UJ	8.7 UJ	7.4 UJ	
SW8082	AROCLOR-1221	ug/kg	5.7 U	10 UJ	11 UJ	10 UJ	8.7 UJ	7.4 UJ	
SW8082	AROCLOR-1232	ug/kg	5.7 U	10 UJ	11 UJ	10 UJ	8.7 UJ	7.4 UJ	
SW8082	AROCLOR-1242	ug/kg	5.7 U	10 UJ	11 UJ	10 UJ	8.7 UJ	7.4 UJ	
SW8082	AROCLOR-1248	ug/kg	5.7 U	134 J	515 J	687 J	8.7 UJ	7.4 UJ	
SW8082	AROCLOR-1254	ug/kg	5.7 U	88.9 J	270 J	385 J	8.7 UJ	7.4 UJ	
SW8082	AROCLOR-1260	ug/kg	5.7 U	43.7 J	114 J	146 J	8.7 UJ	7.4 UJ	
SW8082	AROCLOR-1268	ug/kg	5.7 U	10 UJ	11 UJ	10 UJ	8.7 UJ	7.4 UJ	
SW8082	PCBS, N.O.S.	ug/kg	5.7 U	267 J	899 J	1220 J	8.7 UJ	7.4 UJ	
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	16 U	15 UJ	15 UJ	15 UJ	15 UJ	12 UJ	
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	16 U	4.1 J	15 UJ	2.4 J	15 UJ	12 UJ	
SW8260	1,2-DICHLOROBENZENE	ug/kg	16 U	4.4 J	4.2 J	11.9 J	1.7 J	12 UJ	
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	16 U	2.1 J	5 J	10.3 J	15 UJ	12 UJ	
SW8260	1,3-DICHLOROBENZENE	ug/kg	16 U	2.2 J	4.1 J	7.1 J	15 UJ	12 UJ	
SW8260	1,4-DICHLOROBENZENE	ug/kg	16 U	9.2 J	14.9 J	19.5 J	2 J	12 UJ	
SW8260	BENZENE	ug/kg	563	6.7 J	12.8 J	11.7 J	7.8 J	1.7 J	
SW8260	CHLOROBENZENE	ug/kg	16 U	9.6 J	29.4 J	14.7 J	1.1 J	12 UJ	
SW8260	ETHYLBENZENE	ug/kg	3.2 U	1.5 J	2.2 J	6.2 J	7.1 J	1.7 J	
SW8260	NAPHTHALENE	ug/kg	6.1 J	17.6 J	6.5 J	12.1 J	6.3 J	12 UJ	
SW8260	O-XYLENE	ug/kg	3.2 U	3 UJ	2.3 J	2.6 J	2 J	2.5 UJ	
SW8260	TOLUENE	ug/kg	3.2 U	2.3 J	5 J	4.6 J	2.8 J	0.85 J	
SW8260	XYLEMES, M & P	ug/kg	2 J	2.1 J	2.3 J	5.5 J	7.8 J	2.1 J	
SW8260	XYLEMES, TOTAL	ug/kg	2 J	2.1 J	4.6 J	8.1 J	9.8 J	2.1 J	
SW8270	ACENAPHTHENE	ug/kg	9.8 U	17 UJ	49.8 J	114 J	556 J	28.4 J	
SW8270	ACENAPHTHYLENE	ug/kg	9.8 U	53.6 J	68.7 J	146 J	287 J	171 J	
SW8270	ANTHRACENE	ug/kg	9.8 U	57.9 J	136 J	212 J	1200 J	431 J	
SW8270	BENZO(A)ANTHRACENE	ug/kg	9.8 U	165 J	197 J	431 J	1070 J	717 J	
SW8270	BENZO(A)PYRENE	ug/kg	9.8 U	144 J	164 J	280 J	747 J	574 J	
SW8270	BENZO(B)FLUORANTHENE	ug/kg	9.8 U	230 J	315 J	386 J	727 J	467 J	
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	9.8 U	93.5 J	66.8 J	91.5 J	111 J	155 J	
SW8270	BENZO(K)FLUORANTHENE	ug/kg	9.8 U	109 J	124 J	346 J	552 J	407 J	
SW8270	CHRYSENE	ug/kg	9.8 U	175 J	235 J	544 J	1150 J	772 J	
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	9.8 U	31.8 J	23.2 J	36.7 J	57.7 J	64.2 J	
SW8270	FLUORANTHENE	ug/kg	9.8 U	264 J	400 J	828 J	2260 J	1150 J	
SW8270	FLUORENE	ug/kg	9.8 U	62.8 J	198 J	1620 J	2590 J	276 J	
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	9.8 U	121 J	89.2 J	139 J	193 J	232 J	
SW8270	PHENANTHRENE	ug/kg	9.8 U	116 J	325 J	806 J	3390 J	320 J	
SW8270	PHENOL	ug/kg		86 UJ	118 J	93.3 J	76 UJ	71.4 J	
SW8270	PYRENE	ug/kg	9.8 U	281 J	573 J	1120 J	2560 J	1700 J	
SW9045	pH	S.U.	7.39	8.12 J	8.12 J	8.12 J	8.21 J	7.93 J	

TABLE 3
SUMMARY OF VIBRACORE SEDIMENT ANALYTICAL RESULTS

		Location	OL-VC-20171	OL-VC-20172-A	OL-VC-20172-A	OL-VC-20172	OL-VC-20172
		Sample Depth	5.0-6.0 Ft	0.00-0.50 Ft	0.50-1.00 Ft	0.0-1.0 Ft	1.0-2.0 Ft
		Field Sample ID	OL-0829-06	OL-1024-10	OL-1024-11	OL-0829-07	OL-0829-08
		Sample Date	7/8/2009	9/22/2009	9/22/2009	7/8/2009	7/8/2009
		Sample Delivery Group	JA22719	OLS02 OLS04	OLS02 OLS04	JA22719	JA22719
		Matrix	SOIL	SOIL	SOIL	SOIL	SOIL
		Sample Purpose	Regular sample				
		Sample Type	Sediment	Sediment	Sediment	Sediment	Sediment
Method	Parameter Name	Units					
ASTM D4643-00	SOLIDS, PERCENT	%					
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	20700	33700 J	64000 J	31400 J	50100 J
SM2540G	PERCENT MOISTURE	%		65	65.5		
SM2540G	SOLIDS, PERCENT	%	52.7			33.8	28.2
SW7471	MERCURY	mg/kg	0.023 J	1.31 J	2.51 J	4.1 J	16.2 J
SW8082	AROCLOR-1016	ug/kg	6.3 U	24 UJ	490 UJ	9.8 UJ	12 UJ
SW8082	AROCLOR-1221	ug/kg	6.3 U	24 UJ	490 UJ	9.8 UJ	12 UJ
SW8082	AROCLOR-1232	ug/kg	6.3 U	24 UJ	490 UJ	9.8 UJ	12 UJ
SW8082	AROCLOR-1242	ug/kg	6.3 U	24 UJ	490 UJ	9.8 UJ	12 UJ
SW8082	AROCLOR-1248	ug/kg	6.3 U	200 J	1700 J	393 J	857 J
SW8082	AROCLOR-1254	ug/kg	6.3 U	160 J	980 J	215 J	487 J
SW8082	AROCLOR-1260	ug/kg	6.3 U	87 J	470 J	111 J	174 J
SW8082	AROCLOR-1268	ug/kg	6.3 U	24 UJ	490 UJ	9.8 UJ	12 UJ
SW8082	PCBS, N.O.S.	ug/kg	6.3 U	450 J	3200 J	719 J	1520 J
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	9.9 U	15 UJ	15 UJ	14 UJ	18 UJ
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	9.9 U	15 UJ	15 UJ	14 UJ	18 UJ
SW8260	1,2-DICHLOROBENZENE	ug/kg	9.9 U	4 J	5 J	1.4 J	13.3 J
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	9.9 UJ	15 UJ	7 J	2.2 J	14 J
SW8260	1,3-DICHLOROBENZENE	ug/kg	9.9 U	4 J	41 J	5.4 J	16.8 J
SW8260	1,4-DICHLOROBENZENE	ug/kg	9.9 U	19 J	99 J	12.3 J	42 J
SW8260	BENZENE	ug/kg	2 U	15 UJ	42 J	25.7 J	178 J
SW8260	CHLOROBENZENE	ug/kg	9.9 U	24 J	110 J	18.1 J	30.9 J
SW8260	ETHYLBENZENE	ug/kg	2 U	15 UJ	6 J	1.7 J	40.7 J
SW8260	NAPHTHALENE	ug/kg	9.9 U	15 UJ	12 J	7.8 J	7900 J
SW8260	O-XYLENE	ug/kg	2 U	3 J	33 J	12.1 J	69.9 J
SW8260	TOLUENE	ug/kg	2 U	15 UJ	7 J	0.99 J	5.6 J
SW8260	XYLEMES, M & P	ug/kg	4 U	4 J	29 J	10.1 J	142 J
SW8260	XYLEMES, TOTAL	ug/kg	4 U	8 J	61 J	22.2 J	212 J
SW8270	ACENAPHTHENE	ug/kg	11 U	48 UJ	65 J	41.2 J	232 J
SW8270	ACENAPHTHYLENE	ug/kg	11 U	48 UJ	46 J	72.2 J	206 J
SW8270	ANTHRACENE	ug/kg	11 U	56 J	84 J	111 J	327 J
SW8270	BENZO(A)ANTHRACENE	ug/kg	14.4	83 J	540 J	246 J	541 J
SW8270	BENZO(A)PYRENE	ug/kg	11 U	280 J	520 J	252 J	409 J
SW8270	BENZO(B)FLUORANTHENE	ug/kg	15.7	430 J	870 J	300 J	505 J
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	11 U	72 J	290 J	91.3 J	115 J
SW8270	BENZO(K)FLUORANTHENE	ug/kg		5.21 J	50 J	230 J	263 J
SW8270	CHRYSENE	ug/kg	11 U	320 J	730 J	309 J	759 J
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	11 U	61 J	85 J	35.5 J	44 J
SW8270	FLUORANTHENE	ug/kg	19.9	510 J	880 J	457 J	1190 J
SW8270	FLUORENE	ug/kg	11 U	48 UJ	70 J	184 J	2700 J
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	11 U	68 J	290 J	141 J	168 J
SW8270	PHENANTHRENE	ug/kg	11 U	77 J	610 J	235 J	1170 J
SW8270	PHENOL	ug/kg		54 U		84 UJ	120 J
SW8270	PYRENE	ug/kg		20.3	500 J	880 J	652 J
SW9045	pH	S.U.		7.55	7.75 J	7.87 J	7.84 J
							7.93 J

TABLE 3
SUMMARY OF VIBRACORE SEDIMENT ANALYTICAL RESULTS

		Location	OL-VC-20172	OL-VC-20172	OL-VC-20172	OL-VC-20172	OL-VC-20173	OL-VC-20173
Method	Parameter Name	Units						
ASTM D4643-00	SOLIDS, PERCENT	%						
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	26900 J	24100 J	23700 J	18900	13700	16800
SM2540G	PERCENT MOISTURE	%						
SM2540G	SOLIDS, PERCENT	%	36.2	42.2	47.2	53.8	52	54.3
SW7471	MERCURY	mg/kg	1.3 J	1.3 J	0.024 UJ	0.023 U	0.83	0.021 U
SW8082	AROCLOR-1016	ug/kg	9.1 UJ	7.8 UJ	6.9 UJ	6.1 U	6.4 U	6.1 U
SW8082	AROCLOR-1221	ug/kg	9.1 UJ	7.8 UJ	6.9 UJ	6.1 U	6.4 U	6.1 U
SW8082	AROCLOR-1232	ug/kg	9.1 UJ	7.8 UJ	6.9 UJ	6.1 U	6.4 U	6.1 U
SW8082	AROCLOR-1242	ug/kg	9.1 UJ	7.8 UJ	6.9 UJ	6.1 U	6.4 U	6.1 U
SW8082	AROCLOR-1248	ug/kg	59.6 J	7.8 UJ	6.9 UJ	6.1 U	42.3 J	6.1 U
SW8082	AROCLOR-1254	ug/kg	83.5 J	7.8 UJ	6.9 UJ	6.1 U	36.1	6.1 U
SW8082	AROCLOR-1260	ug/kg	57.5 J	7.8 UJ	6.9 UJ	6.1 U	11.8 J	6.1 U
SW8082	AROCLOR-1268	ug/kg	9.1 UJ	7.8 UJ	6.9 UJ	6.1 U	6.4 U	6.1 U
SW8082	PCBS, N.O.S.	ug/kg	201 J	7.8 UJ	6.9 UJ	6.1 U	90.2 J	6.1 U
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	14 UJ	30 UJ	11 UJ	8.8 U	9.6 U	9 U
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	14 UJ	30 UJ	11 UJ	8.8 U	9.6 U	9 U
SW8260	1,2-DICHLOROBENZENE	ug/kg	27 J	30 UJ	11 UJ	8.8 U	3.4 J	9 U
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	14 UJ	30 UJ	11 UJ	8.8 U	9.6 U	9 U
SW8260	1,3-DICHLOROBENZENE	ug/kg	5 J	30 UJ	11 UJ	8.8 U	0.59 J	9 U
SW8260	1,4-DICHLOROBENZENE	ug/kg	58.5 J	30 UJ	11 UJ	8.8 U	5 J	9 U
SW8260	BENZENE	ug/kg	547 J	202 J	52.3 J	9.1	2.2	1.8 U
SW8260	CHLOROBENZENE	ug/kg	30.7 J	3.6 J	11 UJ	8.8 U	5 J	9 U
SW8260	ETHYLBENZENE	ug/kg	3790 J	215 J	3.6 J	1.8 U	16.5	1.8 U
SW8260	NAPHTHALENE	ug/kg	326000 J	12900 J	48.6 J	3.2 J	5.3 J	1.6 J
SW8260	O-XYLENE	ug/kg	3510 J	1090 J	54.9 J	3	1.9 U	1.8 U
SW8260	TOLUENE	ug/kg	30 J	11.6 J	1.8 J	1.8 U	1.9 U	1.8 U
SW8260	XYLEMES, M & P	ug/kg	8440 J	323 J	4.9 J	3.5 U	1.7 J	3.6 U
SW8260	XYLEMES, TOTAL	ug/kg	12000 J	1410 J	59.8 J	3 J	1.7 J	3.6 U
SW8270	ACENAPHTHENE	ug/kg	296 J	168 J	12 UJ	11 U	195	11 U
SW8270	ACENAPHTHYLENE	ug/kg	382 J	243 J	12 UJ	11 U	124	11 U
SW8270	ANTHRACENE	ug/kg	653 J	790 J	12 UJ	11 U	500	17.8
SW8270	BENZO(A)ANTHRACENE	ug/kg	930 J	1460 J	22.8 J	11 U	469	20
SW8270	BENZO(A)PYRENE	ug/kg	809 J	1080 J	18.5 J	11 U	273	11 U
SW8270	BENZO(B)FLUORANTHENE	ug/kg	769 J	950 J	27.1 J	11 U	288	19.5
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	155 J	306 J	12.5 J	11 U	66.2	11 U
SW8270	BENZO(K)FLUORANTHENE	ug/kg	651 J	764 J	9.73 J	11 U	235	4.45 J
SW8270	CHRYSENE	ug/kg	1130 J	1320 J	15.3 J	11 U	413	14.2
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	59.6 J	127 J	12 UJ	11 U	33.3	11 U
SW8270	FLUORANTHENE	ug/kg	1650 J	2230 J	27.9 J	11 U	1070	45.6
SW8270	FLUORENE	ug/kg	1650 J	328 J	13.9 J	11.9	2120	149
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	267 J	504 J	15.4 J	11 U	119	11 U
SW8270	PHENANTHRENE	ug/kg	1650 J	1400 J	15.2 J	11 U	1060	36.5
SW8270	PHENOL	ug/kg	78 UJ	68 UJ	62.3 J	53 U	55 U	88.9
SW8270	PYRENE	ug/kg	2240 J	2540 J	33.6 J	11 U	1010	37.4
SW9045	pH	S.U.	8.22 J	8.24 J	7.67 J	7.6	7.04	7.3

TABLE 3
SUMMARY OF VIBRACORE SEDIMENT ANALYTICAL RESULTS

		Location	OL-VC-20173	OL-VC-20173	OL-VC-20173	OL-VC-20174	OL-VC-20174
	Sample Depth	2.0-3.0 Ft	3.0-4.0 Ft	4.0-5.1 Ft	0-1 Ft	1-2 Ft	
	Field Sample ID	OL-0829-15	OL-0829-16	OL-0829-17	OL-0845-20	OL-0846-01	
	Sample Date	7/8/2009	7/8/2009	7/8/2009	7/27/2009	7/27/2009	
	Sample Delivery Group	JA22719	JA22719	JA22719	JA24077	JA24076	
	Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	
	Sample Purpose	Regular sample					
	Sample Type	Sediment	Sediment	Sediment	Sediment	Sediment	
Method	Parameter Name	Units					
ASTM D4643-00	SOLIDS, PERCENT	%					
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	11300	10900	11800	15600 J	55800 J
SM2540G	PERCENT MOISTURE	%					
SM2540G	SOLIDS, PERCENT	%	54.8	53.2	51.7	46.7	35.8
SW7471	MERCURY	mg/kg	0.022 U	0.024 U	0.025 U	0.89 J	5.4 J
SW8082	AROCLOR-1016	ug/kg	6.1 U	6.1 U	6.4 U	7.1 UJ	9.2 UJ
SW8082	AROCLOR-1221	ug/kg	6.1 U	6.1 U	6.4 U	7.1 UJ	9.2 UJ
SW8082	AROCLOR-1232	ug/kg	6.1 U	6.1 U	6.4 U	7.1 UJ	9.2 UJ
SW8082	AROCLOR-1242	ug/kg	6.1 U	6.1 U	6.4 U	7.1 UJ	9.2 UJ
SW8082	AROCLOR-1248	ug/kg	6.1 U	6.1 U	6.4 U	187 J	313 J
SW8082	AROCLOR-1254	ug/kg	6.1 U	6.1 U	6.4 U	117 J	278 J
SW8082	AROCLOR-1260	ug/kg	6.1 U	6.1 U	6.4 U	45 J	54.3 J
SW8082	AROCLOR-1268	ug/kg	6.1 U	6.1 U	6.4 U	7.1 UJ	9.2 UJ
SW8082	PCBS, N.O.S.	ug/kg	6.1 U	6.1 U	6.4 U	349 J	645 J
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	8.8 U	9.2 U	10 U	11 UJ	1100 UJ
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	8.8 U	9.2 U	10 U	11 UJ	1100 UJ
SW8260	1,2-DICHLOROBENZENE	ug/kg	8.8 U	9.2 U	10 U	2.8 J	1690 J
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	8.8 U	9.2 U	10 U	11 UJ	80.4 J
SW8260	1,3-DICHLOROBENZENE	ug/kg	8.8 U	9.2 U	10 U	3.2 J	175 J
SW8260	1,4-DICHLOROBENZENE	ug/kg	8.8 U	9.2 U	10 U	31.9 J	3060 J
SW8260	BENZENE	ug/kg	20.9	27.7	9.5	2.2 UJ	353 J
SW8260	CHLOROBENZENE	ug/kg	8.8 U	9.2 U	10 U	29.5 J	4960 J
SW8260	ETHYLBENZENE	ug/kg	1.8 U	1.8 U	2.1 U	2.2 UJ	3190 J
SW8260	NAPHTHALENE	ug/kg	1.4 J	9.2 U	10 U	14 J	36800 J
SW8260	O-XYLENE	ug/kg	1.8 U	1.8 U	2.1 U	2.2 UJ	489 J
SW8260	TOLUENE	ug/kg	1.8 U	1.8 U	2.1 U	2.2 UJ	138 J
SW8260	XYLEMES, M & P	ug/kg	3.5 U	3.7 U	4.1 U	1.1 J	306 J
SW8260	XYLEMES, TOTAL	ug/kg	3.5 U	3.7 U	4.1 U	1.1 J	794 J
SW8270	ACENAPHTHENE	ug/kg	10 U	11 U	11 U	12 UJ	80 UJ
SW8270	ACENAPHTHYLENE	ug/kg	10 U	11 U	11 U	17.4 J	177 J
SW8270	ANTHRACENE	ug/kg	10 U	11 U	11 U	21.1 J	80 UJ
SW8270	BENZO(A)ANTHRACENE	ug/kg	10 U	11 U	50.4	31.1 J	259 J
SW8270	BENZO(A)PYRENE	ug/kg	10 U	11 U	40.5	34 J	165 J
SW8270	BENZO(B)FLUORANTHENE	ug/kg	10 U	11 U	29.9	61.1 J	307 J
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	10 U	11 U	22.2	31.9 J	127 J
SW8270	BENZO(K)FLUORANTHENE	ug/kg	10 U	11 U	9.26 J	24.6 J	90.2 J
SW8270	CHRYSENE	ug/kg	10 U	11 U	54.1	33.6 J	362 J
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	10 U	11 U	33.3	7.61 J	80 UJ
SW8270	FLUORANTHENE	ug/kg	10 U	11 U	11 U	85.4 J	509 J
SW8270	FLUORENE	ug/kg	10 U	11 U	11 U	203 J	3770 J
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	10 U	11 U	15.1	23.7 J	101 J
SW8270	PHENANTHRENE	ug/kg	10 U	11 U	11 U	53.7 J	593 J
SW8270	PHENOL	ug/kg	52 U	53 U	55 U		
SW8270	PYRENE	ug/kg	10 U	11 U	11 U	91.3 J	537 J
SW9045	pH	S.U.	7.33	7.35	7.34	7.94 J	8.36 J

TABLE 3
SUMMARY OF VIBRACORE SEDIMENT ANALYTICAL RESULTS

		Location	OL-VC-20174	OL-VC-20174	OL-VC-20174	OL-VC-20174	OL-VC-20175	OL-VC-20175
Method	Parameter Name	Units						
ASTM D4643-00	SOLIDS, PERCENT	%						
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	42800 J	35100	24700 J	35100 J	7860	7880
SM2540G	PERCENT MOISTURE	%						
SM2540G	SOLIDS, PERCENT	%	48.5	53.6	42	49.4	56.8	55.2
SW7471	MERCURY	mg/kg	1.3 J	0.59	1.4 J	1.5 J	0.02 U	0.023 U
SW8082	AROCLOR-1016	ug/kg	6.9 U	6.2 U	7.8 U	6.7 U	5.8 U	6 U
SW8082	AROCLOR-1221	ug/kg	6.9 U	6.2 U	7.8 U	6.7 U	5.8 U	6 U
SW8082	AROCLOR-1232	ug/kg	6.9 U	6.2 U	7.8 U	6.7 U	5.8 U	6 U
SW8082	AROCLOR-1242	ug/kg	6.9 U	6.2 U	7.8 U	6.7 U	5.8 U	6 U
SW8082	AROCLOR-1248	ug/kg	6.9 U	6.2 U	7.8 U	6.7 U	5.8 U	6 U
SW8082	AROCLOR-1254	ug/kg	6.9 U	6.2 U	7.8 U	6.7 U	5.8 U	6 U
SW8082	AROCLOR-1260	ug/kg	6.9 U	6.2 U	7.8 U	6.7 U	5.8 U	6 U
SW8082	AROCLOR-1268	ug/kg	6.9 U	6.2 U	7.8 U	6.7 U	5.8 U	6 U
SW8082	PCBS, N.O.S.	ug/kg	6.9 U	6.2 U	7.8 U	6.7 U	5.8 U	6 U
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	651 J	14.8 J	60 U	9.9 U	8.2 U	8.2 U
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	4080 J	39 U	60 U	9.9 U	8.2 U	8.2 U
SW8260	1,2-DICHLOROBENZENE	ug/kg	29600 J	202	314 J	4 J	8.2 U	8.2 U
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	780 UJ	39 U	60 U	9.9 U	8.2 U	8.2 U
SW8260	1,3-DICHLOROBENZENE	ug/kg	723 J	53.5	9.1 J	9.9 U	8.2 U	8.2 U
SW8260	1,4-DICHLOROBENZENE	ug/kg	27200 J	457	307 J	2 J	8.2 U	8.2 U
SW8260	BENZENE	ug/kg	272 J	54.9	33.8 J	4.9 J	1.6 U	1.6 U
SW8260	CHLOROBENZENE	ug/kg	4100 J	147	48.5 J	0.79 J	0.8 J	0.67 J
SW8260	ETHYLBENZENE	ug/kg	7090 J	85.8	149 J	8.4 J	1.6 U	1.6 U
SW8260	NAPHTHALENE	ug/kg	66800 J	378	167 J	18.7 J	8.2 U	8.2 U
SW8260	O-XYLENE	ug/kg	3800 J	28.5	18.2 J	2.6 J	1.6 U	1.6 U
SW8260	TOLUENE	ug/kg	291 J	5.6 J	11.1 J	1.9 J	1.6 U	1.6 U
SW8260	XYLEMES, M & P	ug/kg	3910 J	55.4	51.4 J	4.9 J	3.3 U	3.3 U
SW8260	XYLEMES, TOTAL	ug/kg	7710 J	83.9	69.6 J	7.5 J	3.3 U	3.3 U
SW8270	ACENAPHTHENE	ug/kg	59 UJ	11 U	68 UJ	159 J	10 U	10 U
SW8270	ACENAPHTHYLENE	ug/kg	620 J	421	293 J	356 J	10 U	10 U
SW8270	ANTHRACENE	ug/kg	1460 J	739	1400 J	1670 J	10 U	10 U
SW8270	BENZO(A)ANTHRACENE	ug/kg	941 J	988	921 J	2090 J	10 U	10 U
SW8270	BENZO(A)PYRENE	ug/kg	580 J	513	512 J	1130 J	10 U	10 U
SW8270	BENZO(B)FLUORANTHENE	ug/kg	908 J	847	832 J	1540 J	10 U	10 U
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	212 J	243	270 J	372 J	10 U	10 U
SW8270	BENZO(K)FLUORANTHENE	ug/kg	464 J	309	289 J	619 J	10 U	10 U
SW8270	CHRYSENE	ug/kg	1830 J	1020	944 J	1800 J	10 U	10 U
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	81.4 J	125	107 J	167 J	10 U	10 U
SW8270	FLUORANTHENE	ug/kg	3190 J	2660	3190 J	4650 J	10 U	10 U
SW8270	FLUORENE	ug/kg	36900 J	9550	6700 J	2470 J	10 U	10 U
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	211 J	243	231 J	446 J	10 U	10 U
SW8270	PHENANTHRENE	ug/kg	4920 J	861	376 J	2290 J	10 U	10 U
SW8270	PHENOL	ug/kg					63.3	103
SW8270	PYRENE	ug/kg	1640 J	1610	2090 J	3160 J	10 U	10 U
SW9045	pH	S.U.	8.44 J	7.89	7.99 J	8.28 J	7.54	7.62

TABLE 3
SUMMARY OF VIBRACORE SEDIMENT ANALYTICAL RESULTS

		Location	OL-VC-20175	OL-VC-20175	OL-VC-20175	OL-VC-20175	OL-VC-20175
	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-0829-20	OL-0830-01	OL-0830-02	OL-0830-03	OL-0830-04	
	Sample Date	7/8/2009	7/8/2009	7/8/2009	7/8/2009	7/8/2009	
	Sample Delivery Group	JA22719	JA22720	JA22720	JA22720	JA22720	
	Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	
	Sample Purpose	Field duplicate	Regular sample	Regular sample	Regular sample	Regular sample	
	Sample Type	Sediment	Sediment	Sediment	Sediment	Sediment	
Method	Parameter Name	Units					
ASTM D4643-00	SOLIDS, PERCENT	%					
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	8240	8010	33000	32000	23100 J
SM2540G	PERCENT MOISTURE	%					
SM2540G	SOLIDS, PERCENT	%	56.8	61	57.7	57.2	56.9
SW7471	MERCURY	mg/kg	0.022 U	0.02 U	0.021 U	0.022 U	0.021 U
SW8082	AROCLOR-1016	ug/kg	5.8 U	5.4 U	5.7 U	5.8 U	5.8 U
SW8082	AROCLOR-1221	ug/kg	5.8 U	5.4 U	5.7 U	5.8 U	5.8 U
SW8082	AROCLOR-1232	ug/kg	5.8 U	5.4 U	5.7 U	5.8 U	5.8 U
SW8082	AROCLOR-1242	ug/kg	5.8 U	5.4 U	5.7 U	5.8 U	5.8 U
SW8082	AROCLOR-1248	ug/kg	5.8 U	5.4 U	5.7 U	5.8 U	5.8 U
SW8082	AROCLOR-1254	ug/kg	5.8 U	5.4 U	5.7 U	5.8 U	5.8 U
SW8082	AROCLOR-1260	ug/kg	5.8 U	5.4 U	5.7 U	5.8 U	5.8 U
SW8082	AROCLOR-1268	ug/kg	5.8 U	5.4 U	5.7 U	5.8 U	5.8 U
SW8082	PCBS, N.O.S.	ug/kg	5.8 U	5.4 U	5.7 U	5.8 U	5.8 U
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	8.5 U	8 U	8.7 U	9.5 U	8.1 U
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	8.5 U	8 U	8.7 U	9.5 U	8.1 U
SW8260	1,2-DICHLOROBENZENE	ug/kg	8.5 U	8 U	8.7 U	9.5 U	8.1 U
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	8.5 U	8 U	8.7 U	9.5 U	8.1 U
SW8260	1,3-DICHLOROBENZENE	ug/kg	8.5 U	8 U	8.7 U	9.5 U	8.1 U
SW8260	1,4-DICHLOROBENZENE	ug/kg	8.5 U	8 U	8.7 U	9.5 U	8.1 U
SW8260	BENZENE	ug/kg	1.7 U	1.6 U	1.7 U	1.9 U	1.6 U
SW8260	CHLOROBENZENE	ug/kg	0.72 J	8 U	8.7 U	9.5 U	8.1 U
SW8260	ETHYLBENZENE	ug/kg	1.7 U	1.6 U	1.7 U	1.9 U	1.6 U
SW8260	NAPHTHALENE	ug/kg	8.5 U	8 U	8.7 U	9.5 U	8.1 U
SW8260	O-XYLENE	ug/kg	1.7 U	1.6 U	1.7 U	1.9 U	1.6 U
SW8260	TOLUENE	ug/kg	1.7 U	1.6 U	1.7 U	1.9 U	1.6 U
SW8260	XYLEMES, M & P	ug/kg	3.4 U	3.2 U	3.5 U	3.8 U	3.3 U
SW8260	XYLEMES, TOTAL	ug/kg	3.4 U	3.2 U	3.5 U	3.8 U	3.3 U
SW8270	ACENAPHTHENE	ug/kg	9.9 U	9.2 UJ	9.7 U	9.8 U	10 U
SW8270	ACENAPHTHYLENE	ug/kg	9.9 U	9.2 UJ	9.7 U	9.8 U	10 U
SW8270	ANTHRACENE	ug/kg	9.9 U	9.2 U	9.7 U	9.8 U	10 U
SW8270	BENZO(A)ANTHRACENE	ug/kg	9.9 U	9.2 U	9.7 UJ	9.8 UJ	10 U
SW8270	BENZO(A)PYRENE	ug/kg	9.9 U	9.2 U	9.7 U	9.8 U	10 U
SW8270	BENZO(B)FLUORANTHENE	ug/kg	9.9 U	9.2 U	9.7 U	9.8 U	10 U
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	9.9 U	9.2 UJ	9.7 UJ	9.8 UJ	10 U
SW8270	BENZO(K)FLUORANTHENE	ug/kg	9.9 U	9.2 U	9.7 U	9.8 U	10 U
SW8270	CHRYSENE	ug/kg	9.9 U	9.2 U	9.7 U	9.8 U	10 U
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	9.9 U	9.2 U	9.7 UJ	9.8 UJ	10 U
SW8270	FLUORANTHENE	ug/kg	9.9 U	9.2 U	9.7 U	9.8 U	10 U
SW8270	FLUORENE	ug/kg	9.9 U	9.2 U	9.7 U	9.8 U	10 U
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	9.9 U	9.2 UJ	9.7 UJ	9.8 UJ	10 U
SW8270	PHENANTHRENE	ug/kg	9.9 U	9.2 U	9.7 U	9.8 U	10 U
SW8270	PHENOL	ug/kg	89.7	46 U	48 U	55.7 U	50 U
SW8270	PYRENE	ug/kg	9.9 U	9.2 U	9.7 U	9.8 U	10 U
SW9045	pH	S.U.	7.5	7.66	7.39	7.35	7.32

TABLE 3
SUMMARY OF VIBRACORE SEDIMENT ANALYTICAL RESULTS

		Location	OL-VC-20176						
Method	Parameter Name	Units							
ASTM D4643-00	SOLIDS, PERCENT	%							
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	7200	16400	48500	62500	29200	28400	
SM2540G	PERCENT MOISTURE	%							
SM2540G	SOLIDS, PERCENT	%	57.7	55.6	57.7	56.3	54.8	57.2	
SW7471	MERCURY	mg/kg	0.021 U	0.022 U	0.022 U	0.021 U	0.024 U	0.02 U	
SW8082	AROCLOR-1016	ug/kg	5.8 U	5.9 U	5.7 U	5.9 U	5.9 U	5.8 U	
SW8082	AROCLOR-1221	ug/kg	5.8 U	5.9 U	5.7 U	5.9 U	5.9 U	5.8 U	
SW8082	AROCLOR-1232	ug/kg	5.8 U	5.9 U	5.7 U	5.9 U	5.9 U	5.8 U	
SW8082	AROCLOR-1242	ug/kg	5.8 U	5.9 U	5.7 U	5.9 U	5.9 U	5.8 U	
SW8082	AROCLOR-1248	ug/kg	5.8 U	5.9 U	5.7 U	5.9 U	5.9 U	5.8 U	
SW8082	AROCLOR-1254	ug/kg	5.8 U	5.9 U	5.7 U	5.9 U	5.9 U	5.8 U	
SW8082	AROCLOR-1260	ug/kg	5.8 U	5.9 U	5.7 U	5.9 U	5.9 U	5.8 U	
SW8082	AROCLOR-1268	ug/kg	5.8 U	5.9 U	5.7 U	5.9 U	5.9 U	5.8 U	
SW8082	PCBS, N.O.S.	ug/kg	5.8 U	5.9 U	5.7 U	5.9 U	5.9 U	5.8 U	
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	9.4 U	9.8 U	8.5 U	9.3 U	9.3 U	8.2 U	
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	9.4 U	9.8 U	8.5 U	9.3 U	9.3 U	8.2 U	
SW8260	1,2-DICHLOROBENZENE	ug/kg	9.4 U	9.8 U	8.5 U	9.3 U	9.3 U	8.2 U	
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	9.4 U	9.8 U	8.5 UJ	9.3 U	9.3 U	8.2 U	
SW8260	1,3-DICHLOROBENZENE	ug/kg	9.4 U	9.8 U	8.5 U	9.3 U	9.3 U	8.2 U	
SW8260	1,4-DICHLOROBENZENE	ug/kg	9.4 U	9.8 U	8.5 U	9.3 U	9.3 U	8.2 U	
SW8260	BENZENE	ug/kg	1.9 U	2 U	1.7 U	2.8	26.9	18	
SW8260	CHLOROBENZENE	ug/kg	9.4 U	9.8 U	8.5 U	9.3 U	9.3 U	8.2 U	
SW8260	ETHYLBENZENE	ug/kg	1.9 U	2 U	1.7 U	1.9 U	1.9 U	1.6 U	
SW8260	NAPHTHALENE	ug/kg	9.4 U	9.8 U	8.5 U	9.3 U	9.3 U	8.2 U	
SW8260	O-XYLENE	ug/kg	1.9 U	2 U	1.7 U	1.9 U	1.9 U	1.6 U	
SW8260	TOLUENE	ug/kg	1.9 U	2 U	1.7 U	1.9 U	1.9 U	1.6 U	
SW8260	XYLEMES, M & P	ug/kg	3.8 U	3.9 U	3.4 U	3.7 U	3.7 U	3.3 U	
SW8260	XYLEMES, TOTAL	ug/kg	3.8 U	3.9 U	3.4 U	3.7 U	3.7 U	3.3 U	
SW8270	ACENAPHTHENE	ug/kg	9.8 UJ	10 UJ	9.9 UJ	10 UJ	10 UJ	9.8 UJ	
SW8270	ACENAPHTHYLENE	ug/kg	9.8 UJ	10 UJ	9.9 UJ	10 UJ	10 UJ	9.8 UJ	
SW8270	ANTHRACENE	ug/kg	9.8 U	10 U	9.9 U	10 U	10 U	9.8 U	
SW8270	BENZO(A)ANTHRACENE	ug/kg	9.8 U	10 U	9.9 U	10 U	10 U	9.8 U	
SW8270	BENZO(A)PYRENE	ug/kg	9.8 U	10 U	9.9 U	10 U	10 U	9.8 U	
SW8270	BENZO(B)FLUORANTHENE	ug/kg	9.8 U	10 U	9.9 U	10 U	10 U	9.8 U	
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	9.8 UJ	10 UJ	9.9 UJ	10 UJ	10 UJ	9.8 UJ	
SW8270	BENZO(K)FLUORANTHENE	ug/kg	9.8 U	10 U	9.9 U	10 U	10 U	9.8 U	
SW8270	CHRYSENE	ug/kg	9.8 U	10 U	9.9 U	10 U	10 U	9.8 U	
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	9.8 U	10 U	9.9 U	10 U	10 U	9.8 U	
SW8270	FLUORANTHENE	ug/kg	9.8 U	10 U	9.9 U	10 U	10 U	9.8 U	
SW8270	FLUORENE	ug/kg	9.8 U	10 U	9.9 U	10 U	10 U	9.8 U	
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	9.8 UJ	10 UJ	9.9 UJ	10 UJ	10 UJ	9.8 UJ	
SW8270	PHENANTHRENE	ug/kg	9.8 U	10 U	9.9 U	10 U	10 U	9.8 U	
SW8270	PHENOL	ug/kg	49 U	51 U	50 U	73.8 J	68 J	56.4 J	
SW8270	PYRENE	ug/kg	9.8 U	10 U	9.9 U	10 U	10 U	9.8 U	
SW9045	pH	S.U.	7.79	7.57	7.58	7.44	7.35	7.29	

TABLE 3
SUMMARY OF VIBRACORE SEDIMENT ANALYTICAL RESULTS

		Location	OL-VC-20176	OL-VC-20177	OL-VC-20177	OL-VC-20177
	Sample Depth	5.0-6.0 Ft	0.0-1.0 Ft	1.0-2.0 Ft	2.0-3.0 Ft	
	Field Sample ID	OL-0830-11	OL-0830-12	OL-0830-13	OL-0830-14	
	Sample Date	7/8/2009	7/8/2009	7/8/2009	7/8/2009	
	Sample Delivery Group	JA22720	JA22720	JA22720	JA22720	
	Matrix	SOIL	SOIL	SOIL	SOIL	
	Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	
	Sample Type	Sediment	Sediment	Sediment	Sediment	
Method	Parameter Name	Units				
ASTM D4643-00	SOLIDS, PERCENT	%				
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	55800	14200	9570	72300
SM2540G	PERCENT MOISTURE	%				
SM2540G	SOLIDS, PERCENT	%	61.1	55.7	53	60.6
SW7471	MERCURY	mg/kg	0.02 U	0.02 J	0.024 U	0.021 U
SW8082	AROCLOR-1016	ug/kg	5.4 U	6 U	6.3 U	5.4 U
SW8082	AROCLOR-1221	ug/kg	5.4 U	6 U	6.3 U	5.4 U
SW8082	AROCLOR-1232	ug/kg	5.4 U	6 U	6.3 U	5.4 U
SW8082	AROCLOR-1242	ug/kg	5.4 U	6 U	6.3 U	5.4 U
SW8082	AROCLOR-1248	ug/kg	5.4 U	6 U	6.3 U	5.4 U
SW8082	AROCLOR-1254	ug/kg	5.4 U	6 U	6.3 U	5.4 U
SW8082	AROCLOR-1260	ug/kg	5.4 U	6 U	6.3 U	5.4 U
SW8082	AROCLOR-1268	ug/kg	5.4 U	6 U	6.3 U	5.4 U
SW8082	PCBS, N.O.S.	ug/kg	5.4 U	6 U	6.3 U	5.4 U
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	8.4 U	8.5 U	8.7 U	7.6 U
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	8.4 U	8.5 U	8.7 U	7.6 U
SW8260	1,2-DICHLOROBENZENE	ug/kg	8.4 U	8.5 U	8.7 U	7.6 U
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	8.4 U	8.5 U	8.7 U	7.6 U
SW8260	1,3-DICHLOROBENZENE	ug/kg	8.4 U	8.5 U	8.7 U	7.6 U
SW8260	1,4-DICHLOROBENZENE	ug/kg	8.4 U	0.75 J	8.7 U	7.6 U
SW8260	BENZENE	ug/kg	39.3	1.7 U	0.65 J	165
SW8260	CHLOROBENZENE	ug/kg	8.4 U	8.5 U	8.7 U	7.6 U
SW8260	ETHYLBENZENE	ug/kg	1.7 U	1.7 U	1.7 U	1.5 U
SW8260	NAPHTHALENE	ug/kg	8.4 U	8.5 U	8.7 U	7.6 U
SW8260	O-XYLENE	ug/kg	1.7 U	1.7 U	1.7 U	1.5 U
SW8260	TOLUENE	ug/kg	1.7 U	1.7 U	1.7 U	1.5 U
SW8260	XYLENES, M & P	ug/kg	3.3 U	3.4 U	3.5 U	3.1 U
SW8260	XYLENES, TOTAL	ug/kg	3.3 U	3.4 U	3.5 U	3.1 U
SW8270	ACENAPHTHENE	ug/kg	9.3 UJ	10 U	11 UJ	9.4 UJ
SW8270	ACENAPHTHYLENE	ug/kg	9.3 UJ	10 U	11 UJ	9.4 UJ
SW8270	ANTHRACENE	ug/kg	9.3 U	10 U	11 U	9.4 U
SW8270	BENZO(A)ANTHRACENE	ug/kg	9.3 U	27.2 J	11 U	9.4 U
SW8270	BENZO(A)PYRENE	ug/kg	9.3 U	19.4	11 U	9.4 U
SW8270	BENZO(B)FLUORANTHENE	ug/kg	9.3 U	26.4	11 U	9.4 U
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	9.3 UJ	29.1 J	11 UJ	9.4 UJ
SW8270	BENZO(K)FLUORANTHENE	ug/kg	9.3 U	11.3	11 U	9.4 U
SW8270	CHRYSENE	ug/kg	9.3 U	16.5	11 U	9.4 U
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	9.3 U	13.7 J	11 U	9.4 U
SW8270	FLUORANTHENE	ug/kg	9.3 U	26.6	11 U	9.4 U
SW8270	FLUORENE	ug/kg	9.3 U	10 U	11 U	9.4 U
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	9.3 UJ	26.6 J	11 UJ	9.4 UJ
SW8270	PHENANTHRENE	ug/kg	9.3 U	10 U	11 U	9.4 U
SW8270	PHENOL	ug/kg	47 U	55.3 J	53 U	47 U
SW8270	PYRENE	ug/kg	9.3 U	26.4	11 U	9.4 U
SW9045	pH	S.U.	7.41	7.39	7.52	7.51

TABLE 3
SUMMARY OF VIBRACORE SEDIMENT ANALYTICAL RESULTS

		Location	OL-VC-20177	OL-VC-20177	OL-VC-20177	OL-VC-20178	OL-VC-20178	OL-VC-20178	OL-VC-20178
		Sample Depth	3.0-4.0 Ft	4.0-5.0 Ft	5.0-6.0 Ft	0-1 Ft	1-2 Ft	2-3 Ft	3-4 Ft
		Field Sample ID	OL-0830-15	OL-0830-16	OL-0830-17	OL-0846-06	OL-0846-07	OL-0846-08	OL-0846-09
		Sample Date	7/8/2009	7/8/2009	7/8/2009	7/27/2009	7/27/2009	7/27/2009	7/27/2009
		Sample Delivery Group	JA22720	JA22720	JA22720	JA24076	JA24076	JA24076	JA24076
		Matrix	SOIL						
		Sample Purpose	Regular sample						
		Sample Type	Sediment						
Method	Parameter Name	Units							
ASTM D4643-00	SOLIDS, PERCENT	%							
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	102000	78700	94000	33600 J	29400 J	34000 J	29800
SM2540G	PERCENT MOISTURE	%							
SM2540G	SOLIDS, PERCENT	%	56.6	57.5	58.3	48.3	43.8	47.7	44.5
SW7471	MERCURY	mg/kg	0.022 U	0.02 U	0.02 U	5.8 J	2.2 J	1.5 J	1.6
SW8082	AROCLOR-1016	ug/kg	5.8 U	5.8 U	5.6 U	6.8 UJ	7.6 UJ	7 UJ	7.4
SW8082	AROCLOR-1221	ug/kg	5.8 U	5.8 U	5.6 U	6.8 UJ	7.6 UJ	7 UJ	7.4
SW8082	AROCLOR-1232	ug/kg	5.8 U	5.8 U	5.6 U	6.8 UJ	7.6 UJ	7 UJ	7.4
SW8082	AROCLOR-1242	ug/kg	5.8 U	5.8 U	5.6 U	6.8 UJ	7.6 UJ	7 UJ	7.4
SW8082	AROCLOR-1248	ug/kg	5.8 U	5.8 U	5.6 U	284 J	7.6 UJ	7 UJ	7.4
SW8082	AROCLOR-1254	ug/kg	5.8 U	5.8 U	5.6 U	169 J	7.6 UJ	7 UJ	7.4
SW8082	AROCLOR-1260	ug/kg	5.8 U	5.8 U	5.6 U	72.5 J	7.6 UJ	7 UJ	7.4
SW8082	AROCLOR-1268	ug/kg	5.8 U	5.8 U	5.6 U	6.8 UJ	7.6 UJ	7 UJ	7.4
SW8082	PCBS, N.O.S.	ug/kg	5.8 U	5.8 U	5.6 U	526 J	7.6 UJ	7 UJ	7.4
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	8.5 U	21 U	27 U	107 J	839 J	595 J	870
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	8.5 U	21 U	27 U	10.5 J	3170 J	2230 J	996
SW8260	1,2-DICHLOROBENZENE	ug/kg	8.5 U	21 U	27 U	1740 J	40400 J	22700 J	7860
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	8.5 U	21 U	27 U	17 J	890 UJ	800 UJ	870
SW8260	1,3-DICHLOROBENZENE	ug/kg	8.5 U	21 U	27 U	92.1 J	540 J	333 J	162
SW8260	1,4-DICHLOROBENZENE	ug/kg	8.5 U	21 U	27 U	1890 J	37500 J	23500 J	7940
SW8260	BENZENE	ug/kg	1100	1700	1700	587 J	2810 J	1540 J	893
SW8260	CHLOROBENZENE	ug/kg	0.74 J	21 U	27 U	1490 J	9660 J	4760 J	1860
SW8260	ETHYLBENZENE	ug/kg	1.7 U	1.7 U	5.4 U	1310 J	12000 J	7470 J	4490
SW8260	NAPHTHALENE	ug/kg	8.5 U	21 U	5.8 J	72000 J	466000 J	391000 J	295000
SW8260	O-XYLENE	ug/kg	1.7 U	4.1 U	5.4 U	5480 J	57900 J	34800 J	17100
SW8260	TOLUENE	ug/kg	1.7 U	4.1 U	5.4 U	2950 J	33800 J	17800 J	6860
SW8260	XYLENES, M & P	ug/kg	3.4 U	8.3 U	11 U	16000 J	177000 J	109000 J	50700
SW8260	XYLENES, TOTAL	ug/kg	3.4 U	8.3 U	11 U	21500 J	235000 J	144000 J	67800
SW8270	ACENAPHTHENE	ug/kg	10 UJ	9.9 U	9.7 U	59 UJ	13 UJ	60 UJ	864
SW8270	ACENAPHTHYLENE	ug/kg	10 UJ	9.9 U	9.7 U	97.5 J	1010 J	1450 J	793
SW8270	ANTHRACENE	ug/kg	10 U	9.9 U	9.7 U	85.3 J	2080 J	2920 J	2620
SW8270	BENZO(A)ANTHRACENE	ug/kg	10 U	9.9 UJ	9.7 UJ	164 J	1200 J	1970 J	1680
SW8270	BENZO(A)PYRENE	ug/kg	10 U	9.9 U	9.7 U	126 J	701 J	1040 J	849
SW8270	BENZO(B)FLUORANTHENE	ug/kg	10 U	9.9 U	9.7 U	148 J	1210 J	1640 J	1480
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	10 UJ	9.9 UJ	9.7 UJ	85.9 J	217 J	352 J	314
SW8270	BENZO(K)FLUORANTHENE	ug/kg	10 U	9.9 U	9.7 U	73.7 J	596 J	714 J	538
SW8270	CHRYSENE	ug/kg	10 U	9.9 U	9.7 U	226 J	2770 J	2400 J	2410
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	10 U	9.9 UJ	9.7 UJ	59 UJ	93.4 J	182 J	162
SW8270	FLUORANTHENE	ug/kg	10 U	9.9 U	9.7 U	313 J	5550 J	5980 J	5460
SW8270	FLUORENE	ug/kg	10 U	9.9 U	9.7 U	2670 J	53000 J	31800 J	21300
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	10 UJ	9.9 UJ	9.7 UJ	70.1 J	227 J	426 J	360
SW8270	PHENANTHRENE	ug/kg	10 U	9.9 U	9.7 U	338 J	11000 J	10600 J	10100
SW8270	PHENOL	ug/kg	55.6 J	57.6 J	58 J				
SW8270	PYRENE	ug/kg	10 U	9.9 U	9.7 U	351 J	1900 J	3120 J	3270
SW9045	pH	S.U.	7.53	7.35	7.32	8.16 J	9.33 J	9.1 J	8.03

TABLE 3
SUMMARY OF VIBRACORE SEDIMENT ANALYTICAL RESULTS

		Location	OL-VC-20178	OL-VC-20178	OL-VC-20178	OL-VC-20179
	Sample Depth		4-5 Ft	4-5 Ft	5-6 Ft	0-1 Ft
	Field Sample ID	OL-0846-10	OL-0846-11	OL-0846-12	OL-0845-01	
	Sample Date	7/27/2009	7/27/2009	7/27/2009	7/27/2009	
	Sample Delivery Group	JA24076	JA24076	JA24076	JA24077	
	Matrix	SOIL	SOIL	SOIL	SOIL	
	Sample Purpose	Regular sample	Field duplicate	Regular sample	Regular sample	
	Sample Type	Sediment	Sediment	Sediment	Sediment	
Method	Parameter Name	Units				
ASTM D4643-00	SOLIDS, PERCENT	%				
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	J	35200 J	52000 J	40700 J
SM2540G	PERCENT MOISTURE	%				
SM2540G	SOLIDS, PERCENT	%		44.5	39.6	44
SW7471	MERCURY	mg/kg	J	2 J	2.5 J	1.6 J
SW8082	AROCLOR-1016	ug/kg	UJ	7.4 UJ	8.4 UJ	7.4 UJ
SW8082	AROCLOR-1221	ug/kg	UJ	7.4 UJ	8.4 UJ	7.4 UJ
SW8082	AROCLOR-1232	ug/kg	UJ	7.4 UJ	8.4 UJ	7.4 UJ
SW8082	AROCLOR-1242	ug/kg	UJ	7.4 UJ	8.4 UJ	7.4 UJ
SW8082	AROCLOR-1248	ug/kg	UJ	7.4 UJ	8.4 UJ	7.4 UJ
SW8082	AROCLOR-1254	ug/kg	UJ	7.4 UJ	8.4 UJ	7.4 UJ
SW8082	AROCLOR-1260	ug/kg	UJ	7.4 UJ	8.4 UJ	7.4 UJ
SW8082	AROCLOR-1268	ug/kg	UJ	7.4 UJ	8.4 UJ	7.4 UJ
SW8082	PCBS, N.O.S.	ug/kg	UJ	7.4 UJ	8.4 UJ	7.4 UJ
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	UJ	870 UJ	1000 UJ	890 UJ
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	J	342 J	361 J	95.5 J
SW8260	1,2-DICHLOROBENZENE	ug/kg	J	2600 J	2990 J	728 J
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	UJ	870 UJ	1000 UJ	890 UJ
SW8260	1,3-DICHLOROBENZENE	ug/kg	J	59.5 J	66.4 J	890 UJ
SW8260	1,4-DICHLOROBENZENE	ug/kg	J	3110 J	3610 J	690 J
SW8260	BENZENE	ug/kg	J	325 J	376 J	302 J
SW8260	CHLOROBENZENE	ug/kg	J	390 J	464 J	179 J
SW8260	ETHYLBENZENE	ug/kg	J	2370 J	2790 J	1440 J
SW8260	NAPHTHALENE	ug/kg	J	280000 J	299000 J	97300 J
SW8260	O-XYLENE	ug/kg	J	6810 J	7450 J	4600 J
SW8260	TOLUENE	ug/kg	J	282 J	313 J	224 J
SW8260	XYLENES, M & P	ug/kg	J	16300 J	19700 J	4020 J
SW8260	XYLENES, TOTAL	ug/kg	J	23100 J	27100 J	8620 J
SW8270	ACENAPHTHENE	ug/kg	J	5330 J	1500 J	324 J
SW8270	ACENAPHTHYLENE	ug/kg	J	2440 J	839 J	384 J
SW8270	ANTHRACENE	ug/kg	J	7250 J	3120 J	1070 J
SW8270	BENZO(A)ANTHRACENE	ug/kg	J	4750 J	1970 J	1510 J
SW8270	BENZO(A)PYRENE	ug/kg	J	2320 J	905 J	822 J
SW8270	BENZO(B)FLUORANTHENE	ug/kg	J	3590 J	1640 J	1380 J
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	J	971 J	342 J	283 J
SW8270	BENZO(K)FLUORANTHENE	ug/kg	J	932 J	382 J	302 J
SW8270	CHRYSENE	ug/kg	J	4520 J	2180 J	1520 J
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	J	462 J	142 J	136 J
SW8270	FLUORANTHENE	ug/kg	J	14600 J	7900 J	3400 J
SW8270	FLUORENE	ug/kg	J	26900 J	12200 J	5160 J
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	J	1040 J	388 J	336 J
SW8270	PHENANTHRENE	ug/kg	J	26300 J	13300 J	3430 J
SW8270	PHENOL	ug/kg				
SW8270	PYRENE	ug/kg	J	9870 J	5230 J	2400 J
SW9045	pH	S.U.	J	8.46 J	8.36 J	8.36 J
						7.05

TABLE 3
SUMMARY OF VIBRACORE SEDIMENT ANALYTICAL RESULTS

		Location	OL-VC-20179	OL-VC-20179	OL-VC-20179	OL-VC-20179	OL-VC-20179	OL-VC-20179	OL-VC-20179	OL-VC-20180
		Sample Depth	1-2 Ft	1-2 Ft	2-3 Ft	3-4 Ft	4-5 Ft	5-6 Ft	0.0-1.0 Ft	
		Field Sample ID	OL-0845-02	OL-0845-03	OL-0845-04	OL-0845-05	OL-0845-06	OL-0845-07	OL-0843-20	
		Sample Date	7/27/2009	7/27/2009	7/27/2009	7/27/2009	7/27/2009	7/27/2009	7/27/2009	7/24/2009
		Sample Delivery Group	JA24077	JA24077	JA24077	JA24077	JA24077	JA24077	JA24077	JA24031
		Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
		Sample Purpose	Regular sample	Field duplicate	Regular sample					
		Sample Type	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment
Method	Parameter Name	Units								
ASTM D4643-00	SOLIDS, PERCENT	%								
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	74000 J	79500 J	70800 J	53800 J	52700 J	65100 J	64300	
SM2540G	PERCENT MOISTURE	%								
SM2540G	SOLIDS, PERCENT	%	41.9	39.9	39.9	45.6	42.3	46	59.6	
SW7471	MERCURY	mg/kg	10.2 J	6.9 J	13.2 J	1.7 J	2.6 J	1.7 J	0.65	
SW8082	AROCLOR-1016	ug/kg	7.7 J	8.4 J	8.2 J	7.3 J	7.7 J	7.2 J	5.6 U	
SW8082	AROCLOR-1221	ug/kg	7.7 J	8.4 J	8.2 J	7.3 J	7.7 J	7.2 J	5.6 U	
SW8082	AROCLOR-1232	ug/kg	7.7 J	8.4 J	8.2 J	7.3 J	7.7 J	7.2 J	5.6 U	
SW8082	AROCLOR-1242	ug/kg	7.7 J	8.4 J	8.2 J	7.3 J	7.7 J	7.2 J	5.6 U	
SW8082	AROCLOR-1248	ug/kg	745 J	755 J	8.2 J	7.3 J	7.7 J	7.2 J	5.6 U	
SW8082	AROCLOR-1254	ug/kg	539 J	586 J	171 J	7.3 J	7.7 J	7.2 J	5.6 U	
SW8082	AROCLOR-1260	ug/kg	148 J	141 J	95.9 J	7.3 J	7.7 J	7.2 J	5.6 U	
SW8082	AROCLOR-1268	ug/kg	7.7 J	8.4 J	8.2 J	7.3 J	7.7 J	7.2 J	5.6 U	
SW8082	PCBS, N.O.S.	ug/kg	1430 J	1480 J	267 J	7.3 J	7.7 J	7.2 J	5.6 U	
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	12 J	12 J	920 J	840 J	880 J	810 J	17 U	
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	3.6 J	5.1 J	920 J	840 J	880 J	117 J	17 U	
SW8260	1,2-DICHLOROBENZENE	ug/kg	12.9 J	69.7 J	115 J	161 J	231 J	418 J	13.9 J	
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	12 J	12 J	920 J	840 J	880 J	810 J	17 U	
SW8260	1,3-DICHLOROBENZENE	ug/kg	15.4 J	20.1 J	167 J	840 J	880 J	810 J	17 U	
SW8260	1,4-DICHLOROBENZENE	ug/kg	55.4 J	74.4 J	797 J	220 J	377 J	622 J	12.4 J	
SW8260	BENZENE	ug/kg	137 J	108 J	1240 J	415 J	432 J	752 J	49.2	
SW8260	CHLOROBENZENE	ug/kg	98.5 J	99.9 J	1280 J	136 J	126 J	147 J	17.3	
SW8260	ETHYLBENZENE	ug/kg	2.4 J	4.2 J	186 J	456 J	917 J	1960 J	11.8	
SW8260	NAPHTHALENE	ug/kg	49.8 J	99.1 J	11200 J	22500 J	33800 J	166000 J	552	
SW8260	O-XYLENE	ug/kg	12.3 J	14.6 J	441 J	1490 J	2780 J	4410 J	2.9 J	
SW8260	TOLUENE	ug/kg	1.7 J	2.7 J	172 J	208 J	435 J	576 J	3.3 J	
SW8260	XYLEMES, M & P	ug/kg	18.6 J	22.3 J	497 J	1110 J	7520 J	12400 J	7.1	
SW8260	XYLEMES, TOTAL	ug/kg	30.9 J	36.9 J	939 J	2610 J	10300 J	16800 J	10	
SW8270	ACENAPHTHENE	ug/kg	182 J	155 J	134 J	291 J	391 J	951 J	1740	
SW8270	ACENAPHTHYLENE	ug/kg	352 J	207 J	193 J	247 J	266 J	739 J	1460	
SW8270	ANTHRACENE	ug/kg	460 J	275 J	212 J	793 J	957 J	2780 J	3740	
SW8270	BENZO(A)ANTHRACENE	ug/kg	1370 J	735 J	473 J	813 J	890 J	2700 J	3270	
SW8270	BENZO(A)PYRENE	ug/kg	1030 J	598 J	404 J	474 J	465 J	1570 J	1930	
SW8270	BENZO(B)FLUORANTHENE	ug/kg	1310 J	804 J	579 J	737 J	684 J	1150 J	2260	
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	471 J	341 J	205 J	241 J	217 J	621 J	732	
SW8270	BENZO(K)FLUORANTHENE	ug/kg	422 J	248 J	178 J	172 J	195 J	1600 J	1150	
SW8270	CHRYSENE	ug/kg	1280 J	675 J	472 J	801 J	897 J	2550 J	2860	
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	200 J	133 J	113 J	115 J	110 J	250 J	405	
SW8270	FLUORANTHENE	ug/kg	2170 J	1240 J	860 J	2080 J	2390 J	6460 J	7790	
SW8270	FLUORENE	ug/kg	1400 J	1050 J	1310 J	3370 J	3700 J	11500 J	5510	
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	560 J	344 J	224 J	245 J	242 J	696 J	799	
SW8270	PHENANTHRENE	ug/kg	1700 J	1010 J	793 J	2850 J	3830 J	10200 J	9610	
SW8270	PHENOL	ug/kg								
SW8270	PYRENE	ug/kg	1620 J	1030 J	754 J	1590 J	2010 J	5180 J	4680	
SW9045	pH	S.U.	6.86 J	6.95 J	7.03 J	7.18 J	7.02 J	7.2 J	7.64	

TABLE 3
SUMMARY OF VIBRACORE SEDIMENT ANALYTICAL RESULTS

		Location	OL-VC-20180	OL-VC-20180	OL-VC-20180	OL-VC-20180
Method	Parameter Name	Units				
ASTM D4643-00	SOLIDS, PERCENT	%				
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	10800	9880	12400	9060
SM2540G	PERCENT MOISTURE	%				
SM2540G	SOLIDS, PERCENT	%	58	57.9	58.1	56.5
SW7471	MERCURY	mg/kg	0.022 U	0.022 U	0.021 U	0.023 U
SW8082	AROCLOR-1016	ug/kg	5.6 U	5.7 U	5.6 U	5.8 U
SW8082	AROCLOR-1221	ug/kg	5.6 U	5.7 U	5.6 U	5.8 U
SW8082	AROCLOR-1232	ug/kg	5.6 U	5.7 U	5.6 U	5.8 U
SW8082	AROCLOR-1242	ug/kg	5.6 U	5.7 U	5.6 U	5.8 U
SW8082	AROCLOR-1248	ug/kg	5.6 U	5.7 U	5.6 U	5.8 U
SW8082	AROCLOR-1254	ug/kg	5.6 U	5.7 U	5.6 U	5.8 U
SW8082	AROCLOR-1260	ug/kg	5.6 U	5.7 U	5.6 U	5.8 U
SW8082	AROCLOR-1268	ug/kg	5.6 U	5.7 U	5.6 U	5.8 U
SW8082	PCBS, N.O.S.	ug/kg	5.6 U	5.7 U	5.6 U	5.8 U
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	8.3 U	17 U	17 U	18 U
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	8.3 UJ	17 UJ	17 UJ	18 UJ
SW8260	1,2-DICHLOROBENZENE	ug/kg	8.3 U	17 U	17 U	18 U
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	8.3 U	17 U	17 U	18 U
SW8260	1,3-DICHLOROBENZENE	ug/kg	8.3 U	17 U	17 U	18 U
SW8260	1,4-DICHLOROBENZENE	ug/kg	8.3 U	17 U	17 U	18 U
SW8260	BENZENE	ug/kg	857	1120	1360	1760
SW8260	CHLOROBENZENE	ug/kg	1.2 J	17 U	17 U	18 U
SW8260	ETHYLBENZENE	ug/kg	1 J	3.3 U	3.4 U	3.5 U
SW8260	NAPHTHALENE	ug/kg	3.7 J	3.6 J	17 U	18 U
SW8260	O-XYLENE	ug/kg	1.7 U	3.3 U	3.4 U	3.5 U
SW8260	TOLUENE	ug/kg	1.7 U	1.1 J	1.7 J	1.9 J
SW8260	XYLENES, M & P	ug/kg	3.3 U	6.6 U	6.9 U	7.1 U
SW8260	XYLENES, TOTAL	ug/kg	3.3 U	6.6 U	6.9 U	7.1 U
SW8270	ACENAPHTHENE	ug/kg	9.9 U	9.8 U	9.8 U	10 U
SW8270	ACENAPHTHYLENE	ug/kg	9.9 U	9.8 U	9.8 U	10 U
SW8270	ANTHRACENE	ug/kg	9.9 U	9.8 U	9.8 U	10 U
SW8270	BENZO(A)ANTHRACENE	ug/kg	9.9 U	9.8 U	9.8 U	10 U
SW8270	BENZO(A)PYRENE	ug/kg	9.9 U	9.8 U	9.8 U	10 U
SW8270	BENZO(B)FLUORANTHENE	ug/kg	9.9 U	9.8 U	9.8 U	10 U
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	9.9 U	9.8 U	9.8 U	10 U
SW8270	BENZO(K)FLUORANTHENE	ug/kg	9.9 U	9.8 U	9.8 U	10 U
SW8270	CHRYSENE	ug/kg	9.9 U	9.8 U	9.8 U	10 U
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	9.9 U	9.8 U	9.8 U	10 U
SW8270	FLUORANTHENE	ug/kg	9.9 U	9.8 U	9.8 U	10 U
SW8270	FLUORENE	ug/kg	9.9 U	9.8 U	9.8 U	10 U
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	9.9 U	9.8 U	9.8 U	10 U
SW8270	PHENANTHRENE	ug/kg	9.9 U	9.8 U	9.8 U	10 U
SW8270	PHENOL	ug/kg				
SW8270	PYRENE	ug/kg	9.9 U	9.8 U	9.8 U	10 U
SW9045	pH	S.U.	7.39	7.17	7.21	7.16

TABLE 3
SUMMARY OF VIBRACORE SEDIMENT ANALYTICAL RESULTS

		Location	OL-VC-20180	OL-VC-20181						
		Sample Depth	5.0-6.0 Ft	0-1 Ft	1-2 Ft	2-3 Ft	3-4 Ft	4-5 Ft	5-6 Ft	
		Field Sample ID	OL-0844-05	OL-0845-14	OL-0845-15	OL-0845-16	OL-0845-17	OL-0845-18	OL-0845-19	
		Sample Date	7/24/2009	7/27/2009	7/27/2009	7/27/2009	7/27/2009	7/27/2009	7/27/2009	7/27/2009
		Sample Delivery Group	JA24030	JA24077						
		Matrix	SOIL							
		Sample Purpose	Regular sample							
		Sample Type	Sediment							
Method	Parameter Name	Units								
ASTM D4643-00	SOLIDS, PERCENT	%								
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	8890	10200	8890	9350	10800	10400	9820	
SM2540G	PERCENT MOISTURE	%								
SM2540G	SOLIDS, PERCENT	%	58.2	60.8	59.4	55.9	56.7	55.2	64.1	
SW7471	MERCURY	mg/kg	0.022 U	0.086	0.021 U	0.023 U	0.022 U	0.022 U	0.018 U	
SW8082	AROCLOR-1016	ug/kg	5.6 U	5.5 U	5.5 U	5.8 U	5.7 U	6 U	5.2 U	
SW8082	AROCLOR-1221	ug/kg	5.6 U	5.5 U	5.5 U	5.8 U	5.7 U	6 U	5.2 U	
SW8082	AROCLOR-1232	ug/kg	5.6 U	5.5 U	5.5 U	5.8 U	5.7 U	6 U	5.2 U	
SW8082	AROCLOR-1242	ug/kg	5.6 U	5.5 U	5.5 U	5.8 U	5.7 U	6 U	5.2 U	
SW8082	AROCLOR-1248	ug/kg	5.6 U	5.5 U	5.5 U	5.8 U	5.7 U	6 U	5.2 U	
SW8082	AROCLOR-1254	ug/kg	5.6 U	5.5 U	5.5 U	5.8 U	5.7 U	6 U	5.2 U	
SW8082	AROCLOR-1260	ug/kg	5.6 U	5.5 U	5.5 U	5.8 U	5.7 U	6 U	5.2 U	
SW8082	AROCLOR-1268	ug/kg	5.6 U	5.5 U	5.5 U	5.8 U	5.7 U	6 U	5.2 U	
SW8082	PCBS, N.O.S.	ug/kg	5.6 U	5.5 U	5.5 U	5.8 U	5.7 U	6 U	5.2 U	
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	17 U	7.3 U	9.1 U	9.9 U	9 U	8.2 U	7.8 U	
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	17 U	7.3 U	9.1 U	9.9 U	9 U	8.2 U	7.8 U	
SW8260	1,2-DICHLOROBENZENE	ug/kg	17 U	7.3 U	9.1 U	9.9 U	9 U	8.2 U	7.8 U	
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	17 U	7.3 U	9.1 U	9.9 U	9 U	8.2 U	7.8 U	
SW8260	1,3-DICHLOROBENZENE	ug/kg	17 U	7.3 U	9.1 U	9.9 U	9 U	8.2 U	7.8 U	
SW8260	1,4-DICHLOROBENZENE	ug/kg	17 U	0.78 J	9.1 U	9.9 U	9 U	8.2 U	7.8 U	
SW8260	BENZENE	ug/kg	1660	1.5 U	1.2 J	39.6	232	531	353	
SW8260	CHLOROBENZENE	ug/kg	17 U	7.3 U	9.1 U	9.9 U	9 U	8.2 U	7.8 U	
SW8260	ETHYLBENZENE	ug/kg	3.4 U	1.5 U	1.8 U	2 U	1.8 U	1.6 U	1.6 U	
SW8260	NAPHTHALENE	ug/kg	17 U	7.3 U	9.1 U	9.9 U	9 U	8.2 U	7.8 U	
SW8260	O-XYLENE	ug/kg	3.4 U	1.5 U	1.8 U	2 U	1.8 U	1.6 U	1.6 U	
SW8260	TOLUENE	ug/kg	2.7 J	1.5 U	1.8 U	2 U	1.8 U	1.6 U	1.6 U	
SW8260	XYLENES, M & P	ug/kg	6.9 U	2.9 U	3.7 U	4 U	3.6 U	3.3 U	3.1 U	
SW8260	XYLENES, TOTAL	ug/kg	6.9 U	2.9 U	3.7 U	4 U	3.6 U	3.3 U	3.1 U	
SW8270	ACENAPHTHENE	ug/kg	0.34 U	9.4 U	9.6 U	10 U	10 U	10 U	8.9 U	
SW8270	ACENAPHTHYLENE	ug/kg	0.34 U	9.4 U	9.6 U	10 U	10 U	10 U	8.9 U	
SW8270	ANTHRACENE	ug/kg	0.34 U	8.04 J	9.6 U	10 U	10 U	10 U	8.9 U	
SW8270	BENZO(A)ANTHRACENE	ug/kg	0.34 U	13.9	9.6 UJ	10 UJ	10 UJ	10 UJ	8.9 UJ	
SW8270	BENZO(A)PYRENE	ug/kg	0.34 U	12	9.6 UJ	10 UJ	10 UJ	10 UJ	8.9 UJ	
SW8270	BENZO(B)FLUORANTHENE	ug/kg	0.34 U	19.3 J	9.6 UJ	10 UJ	10 UJ	10 UJ	8.9 UJ	
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	0.34 U	5.71 J	9.6 UJ	10 UJ	10 UJ	10 UJ	8.9 UJ	
SW8270	BENZO(K)FLUORANTHENE	ug/kg	0.34 U	6.91 J	9.6 UJ	10 UJ	10 UJ	10 UJ	8.9 UJ	
SW8270	CHRYSENE	ug/kg	0.34 U	9.67	9.6 U	10 U	10 U	10 U	8.9 U	
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	0.34 U	9.4 U	9.6 UJ	10 UJ	10 UJ	10 UJ	8.9 UJ	
SW8270	FLUORANTHENE	ug/kg	0.34 U	30.5	9.6 U	10 U	10 U	10 U	8.9 U	
SW8270	FLUORENE	ug/kg	0.34 U	9.4 U	9.6 U	10 U	10 U	10 U	8.9 U	
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	0.34 U	5.85 J	9.6 UJ	10 UJ	10 UJ	10 UJ	8.9 UJ	
SW8270	PHENANTHRENE	ug/kg	0.34 U	31	9.6 U	10 U	10 U	10 U	8.9 U	
SW8270	PHENOL	ug/kg								
SW8270	PYRENE	ug/kg	0.34 U	25	9.6 U	10 U	10 U	10 U	8.9 U	
SW9045	pH	S.U.	7.11	7.8	7.64	7.54	7.36	7.28	7.54	

TABLE 3
SUMMARY OF VIBRACORE SEDIMENT ANALYTICAL RESULTS

		Location	OL-VC-20182	OL-VC-20182	OL-VC-20182	OL-VC-20182
Method	Parameter Name	Units				
ASTM D4643-00	SOLIDIS, PERCENT	%				
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	11900	10500	11900	11800
SM2540G	PERCENT MOISTURE	%				
SM2540G	SOLIDIS, PERCENT	%	57.1	59.6	55.8	58.5
SW7471	MERCURY	mg/kg	0.022 U	0.021 U	0.022 U	0.02 U
SW8082	AROCLOR-1016	ug/kg	5.7 U	5.6 U	5.8 U	5.6 U
SW8082	AROCLOR-1221	ug/kg	5.7 U	5.6 U	5.8 U	5.6 U
SW8082	AROCLOR-1232	ug/kg	5.7 U	5.6 U	5.8 U	5.6 U
SW8082	AROCLOR-1242	ug/kg	5.7 U	5.6 U	5.8 U	5.6 U
SW8082	AROCLOR-1248	ug/kg	5.7 U	5.6 U	5.8 U	5.6 U
SW8082	AROCLOR-1254	ug/kg	5.7 U	5.6 U	5.8 U	5.6 U
SW8082	AROCLOR-1260	ug/kg	5.7 U	5.6 U	5.8 U	5.6 U
SW8082	AROCLOR-1268	ug/kg	5.7 U	5.6 U	5.8 U	5.6 U
SW8082	PCBS, N.O.S.	ug/kg	5.7 U	5.6 U	5.8 U	5.6 U
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	8.3 U	7.9 U	9 U	8.2 U
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	8.3 U	7.9 U	9 U	8.2 U
SW8260	1,2-DICHLOROBENZENE	ug/kg	8.3 U	1.3 J	2.1 J	8.2 U
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	8.3 UJ	7.9 U	9 U	8.2 U
SW8260	1,3-DICHLOROBENZENE	ug/kg	8.3 U	7.9 U	9 U	8.2 U
SW8260	1,4-DICHLOROBENZENE	ug/kg	6.8 J	26	14.4	8.2 U
SW8260	BENZENE	ug/kg	1.7 U	1.8	50.7	119
SW8260	CHLOROBENZENE	ug/kg	8.3 U	147	258	135
SW8260	ETHYLBENZENE	ug/kg	1.7 U	1.1 J	2.4	0.81 J
SW8260	NAPHTHALENE	ug/kg	1.5 J	7.9 U	9 U	8.2 U
SW8260	O-XYLENE	ug/kg	1.7 U	1.6 U	1.8 U	1.6 U
SW8260	TOLUENE	ug/kg	1.7 U	1.6 U	1.8 U	1.6 U
SW8260	XYLEMES, M & P	ug/kg	3.3 U	3.2 U	3.6 U	3.3 U
SW8260	XYLEMES, TOTAL	ug/kg	3.3 U	3.2 U	3.6 U	3.3 U
SW8270	ACENAPHTHENE	ug/kg	18.7	9.6 U	10 U	9.7 U
SW8270	ACENAPHTHYLENE	ug/kg	5 U	9.6 U	10 U	9.7 U
SW8270	ANTHRACENE	ug/kg	51.5	9.6 U	10 U	9.7 U
SW8270	BENZO(A)ANTHRACENE	ug/kg	84.1	9.6 U	10 U	9.7 U
SW8270	BENZO(A)PYRENE	ug/kg	57.2	9.6 U	10 U	9.7 U
SW8270	BENZO(B)FLUORANTHENE	ug/kg	100	9.6 U	10 U	9.7 U
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	41	9.6 U	10 U	9.7 U
SW8270	BENZO(K)FLUORANTHENE	ug/kg	37.5	9.6 U	10 U	9.7 U
SW8270	CHRYSENE	ug/kg	45.3	9.6 U	10 U	9.7 U
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	11.2	9.6 U	10 U	9.7 U
SW8270	FLUORANTHENE	ug/kg	141	9.6 U	10 U	9.7 U
SW8270	FLUORENE	ug/kg	36.2	9.6 U	10 U	9.7 U
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	36.8	9.6 U	10 U	9.7 U
SW8270	PHENANTHRENE	ug/kg	187	9.6 U	10 U	9.7 U
SW8270	PHENOL	ug/kg				
SW8270	PYRENE	ug/kg	112	9.6 U	10 U	9.7 U
SW9045	pH	S.U.	7.56	7.51	7.4	7.38

TABLE 3
SUMMARY OF VIBRACORE SEDIMENT ANALYTICAL RESULTS

		Location	OL-VC-20182	OL-VC-20182	OL-VC-20183	OL-VC-20183	OL-VC-20183	OL-VC-20183	OL-VC-20183	OL-VC-20183
		Sample Depth	4-5 Ft	5-6 Ft	0-1 Ft	1-2 Ft	2-3 Ft	3-4 Ft	4-5 Ft	
		Field Sample ID	OL-0846-17	OL-0846-18	OL-0845-08	OL-0845-09	OL-0845-10	OL-0845-11	OL-0845-12	
		Sample Date	7/27/2009	7/27/2009	7/27/2009	7/27/2009	7/27/2009	7/27/2009	7/27/2009	
		Sample Delivery Group	JA24076	JA24076	JA24077	JA24077	JA24077	JA24077	JA24077	
		Matrix	SOIL							
		Sample Purpose	Regular sample							
		Sample Type	Sediment							
Method	Parameter Name	Units								
ASTM D4643-00	SOLIDS, PERCENT	%								
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	16300	10100	16800	12600	8280	9170	9160	
SM2540G	PERCENT MOISTURE	%								
SM2540G	SOLIDS, PERCENT	%	55.2	57.2	57.8	57.8	58.4	54.4	55.8	
SW7471	MERCURY	mg/kg	0.021 U	0.022 U	0.021 U	0.021 U	0.022 U	0.023 U	0.022	
SW8082	AROCLOR-1016	ug/kg	6 U	5.7 U	5.8 U	5.7 U	5.7 U	6.1 U	5.8	
SW8082	AROCLOR-1221	ug/kg	6 U	5.7 U	5.8 U	5.7 U	5.7 U	6.1 U	5.8	
SW8082	AROCLOR-1232	ug/kg	6 U	5.7 U	5.8 U	5.7 U	5.7 U	6.1 U	5.8	
SW8082	AROCLOR-1242	ug/kg	6 U	5.7 U	5.8 U	5.7 U	5.7 U	6.1 U	5.8	
SW8082	AROCLOR-1248	ug/kg	6 U	5.7 U	5.8 U	5.7 U	5.7 U	6.1 U	5.8	
SW8082	AROCLOR-1254	ug/kg	6 U	5.7 U	5.8 U	5.7 U	5.7 U	6.1 U	5.8	
SW8082	AROCLOR-1260	ug/kg	6 U	5.7 U	5.8 U	5.7 U	5.7 U	6.1 U	5.8	
SW8082	AROCLOR-1268	ug/kg	6 U	5.7 U	5.8 U	5.7 U	5.7 U	6.1 U	5.8	
SW8082	PCBS, N.O.S.	ug/kg	6 U	5.7 U	5.8 U	5.7 U	5.7 U	6.1 U	5.8	
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	8.9 U	8.4 U	8.2 U	8.2 U	8.6 U	8.7 U	10	
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	8.9 UJ	8.4 UJ	8.2 U	8.2 U	8.6 U	8.7 U	10	
SW8260	1,2-DICHLOROBENZENE	ug/kg	8.9 U	8.4 U	1.7 J	2.3 J	1.4 J	0.62 J	10	
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	8.9 U	8.4 UJ	8.2 UJ	8.2 U	8.6 U	8.7 U	10	
SW8260	1,3-DICHLOROBENZENE	ug/kg	8.9 U	8.4 U	8.2 U	8.2 U	8.6 U	8.7 U	10	
SW8260	1,4-DICHLOROBENZENE	ug/kg	8.9 U	8.4 U	4.9 J	4.2 J	1.7 J	8.7 U	10	
SW8260	BENZENE	ug/kg	151	104 J	0.67 J	63.8	250	627	523	
SW8260	CHLOROBENZENE	ug/kg	63.8	12.4	6.5 J	18.4	27.8	17.1	2.6	
SW8260	ETHYLBENZENE	ug/kg	1.8 U	1.7 U	1.6 U	3.7	2.7	1.4 J	2	
SW8260	NAPHTHALENE	ug/kg	8.9 U	8.4 U	5.9 J	1.7 J	8.6 U	1.6 J	10	
SW8260	O-XYLENE	ug/kg	1.8 U	1.7 U	1.6 U	1.6 U	1.7 U	1.7 U	2	
SW8260	TOLUENE	ug/kg	1.8 U	1.7 U	1.6 U	1.6 U	1.7 U	1.7 U	2	
SW8260	XYLENES, M & P	ug/kg	3.6 U	3.4 U	3.3 U	3.3 U	3.4 U	3.5 U	4	
SW8260	XYLENES, TOTAL	ug/kg	3.6 U	3.4 U	3.3 U	3.3 U	3.4 U	3.5 U	4	
SW8270	ACENAPHTHENE	ug/kg	10 U	9.9 U	9.9 U	9.9 U	9.8 U	11 U	10	
SW8270	ACENAPHTHYLENE	ug/kg	10 U	9.9 U	9.9 U	9.9 U	9.8 U	11 U	10	
SW8270	ANTHRACENE	ug/kg	10 U	9.9 U	9.9 U	9.9 U	9.8 U	11 U	10	
SW8270	BENZO(A)ANTHRACENE	ug/kg	10 U	9.9 U	9.9 UJ	9.9 UJ	9.8 UJ	11 UJ	10	
SW8270	BENZO(A)PYRENE	ug/kg	10 U	9.9 U	9.9 U	9.9 U	9.8 UJ	11 U	10	
SW8270	BENZO(B)FLUORANTHENE	ug/kg	10 U	9.9 U	9.9 UJ	9.9 UJ	9.8 UJ	11 UJ	10	
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	10 U	9.9 U	9.9 U	9.9 U	9.8 UJ	11 U	10	
SW8270	BENZO(K)FLUORANTHENE	ug/kg	10 U	9.9 U	9.9 U	9.9 U	9.8 UJ	11 U	10	
SW8270	CHRYSENE	ug/kg	10 U	9.9 U	9.9 U	9.9 U	9.8 U	11 U	10	
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	10 U	9.9 U	9.9 U	9.9 U	9.8 UJ	11 U	10	
SW8270	FLUORANTHENE	ug/kg	10 U	9.9 U	9.9 U	9.9 U	9.8 U	11 U	10	
SW8270	FLUORENE	ug/kg	10 U	9.9 U	9.9 U	9.9 U	9.8 U	11 U	10	
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	10 U	9.9 U	9.9 U	9.9 U	9.8 UJ	11 U	10	
SW8270	PHENANTHRENE	ug/kg	10 U	9.9 U	9.9 U	9.9 U	9.8 U	11 U	10	
SW8270	PHENOL	ug/kg								
SW8270	PYRENE	ug/kg	10 U	9.9 U	9.9 U	9.9 U	9.8 U	11 U	10	
SW9045	pH	S.U.	7.33	7.41	7.55	7.21	7.25	7.13	7.24	

TABLE 3
SUMMARY OF VIBRACORE SEDIMENT ANALYTICAL RESULTS

		Location	OL-VC-20183	OL-VC-20184	OL-VC-20184	OL-VC-20184
	Sample Depth		5-6 Ft	0-1 Ft	1-2 Ft	2-3 Ft
	Field Sample ID		OL-0845-13	OL-0853-10	OL-0853-11	OL-0853-12
	Sample Date		7/27/2009	7/30/2009	7/30/2009	7/30/2009
	Sample Delivery Group		JA24077	JA24412	JA24412	JA24412
	Matrix		SOIL	SOIL	SOIL	SOIL
	Sample Purpose		Regular sample	Regular sample	Regular sample	Regular sample
	Sample Type		Sediment	Sediment	Sediment	Sediment
Method	Parameter Name	Units				
ASTM D4643-00	SOLIDS, PERCENT	%				
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	14400	46300 J	42100 J	94600 J
SM2540G	PERCENT MOISTURE	%				
SM2540G	SOLIDS, PERCENT	%	57.6	40.3	32.6	45.8
SW7471	MERCURY	mg/kg	U	0.021 U	1.4 J	6.8 J
SW8082	AROCLOR-1016	ug/kg	U	5.7 U	8.2 UJ	10 UJ
SW8082	AROCLOR-1221	ug/kg	U	5.7 U	8.2 UJ	10 UJ
SW8082	AROCLOR-1232	ug/kg	U	5.7 U	8.2 UJ	10 UJ
SW8082	AROCLOR-1242	ug/kg	U	5.7 U	8.2 UJ	10 UJ
SW8082	AROCLOR-1248	ug/kg	U	5.7 U	1110 J	1310 J
SW8082	AROCLOR-1254	ug/kg	U	5.7 U	781 J	1090 J
SW8082	AROCLOR-1260	ug/kg	U	5.7 U	238 J	845 J
SW8082	AROCLOR-1268	ug/kg	U	5.7 U	8.2 UJ	10 UJ
SW8082	PCBS, N.O.S.	ug/kg	U	5.7 U	2130 J	3250 J
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	U	7.9 U	12 UJ	6.6 J
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	U	7.9 U	12 UJ	13 J
SW8260	1,2-DICHLOROBENZENE	ug/kg	U	7.9 U	12 UJ	4 J
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	U	7.9 U	12 UJ	14 UJ
SW8260	1,3-DICHLOROBENZENE	ug/kg	U	7.9 U	12 UJ	0.85 J
SW8260	1,4-DICHLOROBENZENE	ug/kg	U	7.9 U	15.6 J	2.9 J
SW8260	BENZENE	ug/kg		492	14 J	5.8 J
SW8260	CHLOROBENZENE	ug/kg	J	0.68 J	27 J	2.7 J
SW8260	ETHYLBENZENE	ug/kg	U	1.6 U	2.4 UJ	1.3 J
SW8260	NAPHTHALENE	ug/kg	U	7.9 U	8.8 J	20.4 J
SW8260	O-XYLENE	ug/kg	U	1.6 U	4 J	7.7 J
SW8260	TOLUENE	ug/kg	U	1.6 U	2.8 J	6.4 J
SW8260	XYLEMES, M & P	ug/kg	U	3.2 U	4.8 J	8 J
SW8260	XYLEMES, TOTAL	ug/kg	U	3.2 U	8.8 J	15.7 J
SW8270	ACENAPHTHENE	ug/kg	U	9.9 U	121 J	73.2 J
SW8270	ACENAPHTHYLENE	ug/kg	U	9.9 U	182 J	87.2 J
SW8270	ANTHRACENE	ug/kg	U	9.9 U	346 J	187 J
SW8270	BENZO(A)ANTHRACENE	ug/kg	UJ	9.9 UJ	688 J	369 J
SW8270	BENZO(A)PYRENE	ug/kg	UJ	9.9 UJ	647 J	288 J
SW8270	BENZO(B)FLUORANTHENE	ug/kg	UJ	9.9 UJ	617 J	347 J
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	UJ	9.9 UJ	382 J	89.5 J
SW8270	BENZO(K)FLUORANTHENE	ug/kg	UJ	9.9 UJ	624 J	228 J
SW8270	CHRYSENE	ug/kg	U	9.9 U	877 J	332 J
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	UJ	9.9 UJ	150 J	28.1 J
SW8270	FLUORANTHENE	ug/kg	U	9.9 U	2020 J	1050 J
SW8270	FLUORENE	ug/kg	U	9.9 U	458 J	286 J
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	UJ	9.9 UJ	365 J	97.8 J
SW8270	PHENANTHRENE	ug/kg	U	9.9 U	1040 J	677 J
SW8270	PHENOL	ug/kg				
SW8270	PYRENE	ug/kg	U	9.9 U	1470 J	761 J
SW9045	pH	S.U.		7.41	7.35 J	7.63 J
						9.74 J

TABLE 3
SUMMARY OF VIBRACORE SEDIMENT ANALYTICAL RESULTS

		Location	OL-VC-20184	OL-VC-20184	OL-VC-20185	OL-VC-20185	OL-VC-20185	OL-VC-20185	OL-VC-20185	OL-VC-20185
		Sample Depth	3-4 Ft	4-5.3 Ft	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-0853-13	OL-0853-14	OL-0843-10	OL-0843-11	OL-0843-12	OL-0843-13	OL-0843-14	
		Sample Date	7/30/2009	7/30/2009	7/24/2009	7/24/2009	7/24/2009	7/24/2009	7/24/2009	
		Sample Delivery Group	JA24412	JA24412	JA24031	JA24031	JA24031	JA24031	JA24031	
		Matrix	SOIL							
		Sample Purpose	Regular sample							
		Sample Type	Sediment							
Method	Parameter Name	Units								
ASTM D4643-00	SOLIDS, PERCENT	%	50.1	57.5						
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	139000	75100	38700 J	54100 J	12700	31600	41000	
SM2540G	PERCENT MOISTURE	%								
SM2540G	SOLIDS, PERCENT	%			37.9	36.2	76	70.8	56.5	
SW7471	MERCURY	mg/kg	1.5	1.6	2 J	7.4 J	0.22	0.48	1.5	
SW8082	AROCLOR-1016	ug/kg	6.5 U	5.7 U	8.8 UJ	9.1 UJ	4.3 U	4.7 U	5.8 U	
SW8082	AROCLOR-1221	ug/kg	6.5 U	5.7 U	8.8 UJ	9.1 UJ	4.3 U	4.7 U	5.8 U	
SW8082	AROCLOR-1232	ug/kg	6.5 U	5.7 U	8.8 UJ	9.1 UJ	4.3 U	4.7 U	5.8 U	
SW8082	AROCLOR-1242	ug/kg	6.5 U	5.7 U	8.8 UJ	9.1 UJ	4.3 U	4.7 U	5.8 U	
SW8082	AROCLOR-1248	ug/kg	1240	5600	364 J	972 J	90.3	270	327	
SW8082	AROCLOR-1254	ug/kg	688	2490	180 J	444 J	31.7	110 J	165	
SW8082	AROCLOR-1260	ug/kg	6.5 U	145	53.5 J	188 J	8.1	15.3	23.1	
SW8082	AROCLOR-1268	ug/kg	6.5 U	5.7 U	8.8 UJ	9.1 UJ	4.3 U	4.7 U	5.8 U	
SW8082	PCBS, N.O.S.	ug/kg	1930	8240	598 J	1600 J	130	395	515	
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	11 U	8.7 U	12 UJ	14 UJ	6.4 U	6.9 U	40 U	
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	8.1 J	8.7 U	12 UJ	4.2 U	6.4 U	6.9 U	40 U	
SW8260	1,2-DICHLOROBENZENE	ug/kg	2.7 J	8.7 U	24 J	16.6 U	0.53 J	0.39 J	21.3 J	
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	11 U	8.7 U	R	14 UJ	0.65 J	6.9 U	40 U	
SW8260	1,3-DICHLOROBENZENE	ug/kg	0.93 J	8.7 U	9.5 J	6.3 J	6.4 U	6.9 U	15.8 J	
SW8260	1,4-DICHLOROBENZENE	ug/kg	2.6 J	8.7 U	25.7 J	17.8 J	0.5 J	6.9 U	23.2 J	
SW8260	BENZENE	ug/kg	3.8	4.7	11.1 J	9.7 J	1.3	1.6	27.2	
SW8260	CHLOROBENZENE	ug/kg	2.1 J	8.7 U	37.7 J	24.4 J	6.4 U	6.9 U	9.4 J	
SW8260	ETHYLBENZENE	ug/kg	2.3 U	1.7 U	1.2 J	1.3 J	1.3 U	1.4 U	45	
SW8260	NAPHTHALENE	ug/kg	14.6	8.3 J	5.5 J	9.6 J	3.8 J	3.2 J	22900	
SW8260	O-XYLENE	ug/kg	3.4	6.9	4 J	3.6 J	1.2 J	1 J	143	
SW8260	TOLUENE	ug/kg	5.2	2.5	3.7 J	8.6 J	3.3	1.8	42.5	
SW8260	XYLENES, M & P	ug/kg	3.3 J	1.1 J	5.5 J	5.4 J	2.2 J	0.96 J	227	
SW8260	XYLENES, TOTAL	ug/kg	6.7	8	9.5 J	9 J	3.4	2 J	370	
SW8270	ACENAPHTHENE	ug/kg	87.8	82.7	52.2 J	50.3 J	23.5	49.7	1050	
SW8270	ACENAPHTHYLENE	ug/kg	21.6	42.8	52.3 J	42.8 J	7.5 U	8 U	973	
SW8270	ANTHRACENE	ug/kg	82.2	129	72.7 J	66.3 J	20.2	36.9	3950	
SW8270	BENZO(A)ANTHRACENE	ug/kg	204 J	222 J	135 J	132 J	57.9 J	58.9	3710	
SW8270	BENZO(A)PYRENE	ug/kg	143	156	145 J	121 J	36.6	41.5	2170	
SW8270	BENZO(B)FLUORANTHENE	ug/kg	238	158	103 J	165 J	72.3	51.5	2350	
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	59.8	58.6	90.1 J	95.4 J	30.8	31.6	870	
SW8270	BENZO(K)FLUORANTHENE	ug/kg	84.7	170	120 J	82 J	22.6	27.3 J	1480	
SW8270	CHRYSENE	ug/kg	136	158	160 J	164 J	26.8	63.4	2940	
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	17.8	17.4	29.6 J	35.5 J	12.8	14.7	442	
SW8270	FLUORANTHENE	ug/kg	598	666	293 J	324 J	106	178	9590	
SW8270	FLUORENE	ug/kg	971	1980	246 J	195 J	28.2	87	2060	
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	64.6	66.6	68.9 J	85.7 J	28.4	31.5	1050	
SW8270	PHENANTHREN	ug/kg	524 J	561 J	232 J	217 J	135	147	10500	
SW8270	PHENOL	ug/kg								
SW8270	PYRENE	ug/kg	396	447	304 J	320 J	87.1	138	6820	
SW9045	pH	S.U.	10.49	10.18	7.94 J	8.25 J	10.25	10.57	9.9	

TABLE 3
SUMMARY OF VIBRACORE SEDIMENT ANALYTICAL RESULTS

		Location	OL-VC-20185	OL-VC-20185	OL-VC-20185	OL-VC-20185
Method	Parameter Name	Units				
ASTM D4643-00	SOLIDIS, PERCENT	%				
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	36700 J	55400	64900	61400
SM2540G	PERCENT MOISTURE	%				
SM2540G	SOLIDIS, PERCENT	%	45.5	65.7	66.9	61.4
SW7471	MERCURY	mg/kg	1.4 J	0.79	0.64	0.88
SW8082	AROCLOR-1016	ug/kg	7.3 UJ	99 U	49 U	110 U
SW8082	AROCLOR-1221	ug/kg	7.3 UJ	99 U	49 U	110 U
SW8082	AROCLOR-1232	ug/kg	7.3 UJ	99 U	49 U	110 U
SW8082	AROCLOR-1242	ug/kg	411 J	99 U	49 U	110 U
SW8082	AROCLOR-1248	ug/kg	7.3 UJ	3120	1960	3580
SW8082	AROCLOR-1254	ug/kg	256 J	1850	1180	2240
SW8082	AROCLOR-1260	ug/kg	7.3 UJ	162	117	332
SW8082	AROCLOR-1268	ug/kg	7.3 UJ	99 U	49 U	110 U
SW8082	PCBS, N.O.S.	ug/kg	667 J	5130	3260	6150
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	850 UJ	7.6 U	7.2 U	8.1 U
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	850 UJ	7.6 U	7.2 U	8.1 U
SW8260	1,2-DICHLOROBENZENE	ug/kg	443 J	7.6 U	1.2 J	1.4 J
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	850 UJ	7.6 U	7.2 U	8.1 U
SW8260	1,3-DICHLOROBENZENE	ug/kg	850 UJ	7.6 U	7.2 U	8.1 U
SW8260	1,4-DICHLOROBENZENE	ug/kg	343 J	0.73 J	0.63 J	1 J
SW8260	BENZENE	ug/kg	270 J	7.2	1.9	2.5
SW8260	CHLOROBENZENE	ug/kg	850 UJ	7.6 U	7.2 U	8.1 U
SW8260	ETHYLBENZENE	ug/kg	611 J	1 J	1.4 U	1.6 U
SW8260	NAPHTHALENE	ug/kg	115000 J	40.1	2.1 J	4.6 J
SW8260	O-XYLENE	ug/kg	2070 J	7.5	0.84 J	1.3 J
SW8260	TOLUENE	ug/kg	355 J	1.7	0.76 J	1 J
SW8260	XYLEMES, M & P	ug/kg	3400 J	6.1	1 J	1.5 J
SW8260	XYLEMES, TOTAL	ug/kg	5470 J	13.6	1.9 J	2.8 J
SW8270	ACENAPHTHENE	ug/kg	3780 J	50.1	89.1	71.1
SW8270	ACENAPHTHYLENE	ug/kg	6850 J	44.8	22	16.5
SW8270	ANTHRACENE	ug/kg	30500 J	159	131	84.7
SW8270	BENZO(A)ANTHRACENE	ug/kg	24400 J	196	242	219
SW8270	BENZO(A)PYRENE	ug/kg	13700 J	153	202	217
SW8270	BENZO(B)FLUORANTHENE	ug/kg	12900 J	157	220	247
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	3870 J	96.6	134	132
SW8270	BENZO(K)FLUORANTHENE	ug/kg	10800 J	109	141	118
SW8270	CHRYSENE	ug/kg	20000 J	185	233	225
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	2470 J	45.4	59.2	59.5
SW8270	FLUORANTHENE	ug/kg	52600 J	408	473	404
SW8270	FLUORENE	ug/kg	14200 J	75.7	54.2	31.1 J
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	4910 J	95.7	128	131
SW8270	PHENANTHRENE	ug/kg	63100 J	401	402	321
SW8270	PHENOL	ug/kg				
SW8270	PYRENE	ug/kg	33900 J	340	408	382
SW9045	pH	S.U.	9.39 J	8.43	8.7	8.93

TABLE 3
SUMMARY OF VIBRACORE SEDIMENT ANALYTICAL RESULTS

		Location	OL-VC-20185	OL-VC-20186						
		Sample Depth	9.0-10.3 Ft	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	5.0-6.0 Ft	
		Field Sample ID	OL-0843-19	OL-0838-02	OL-0838-03	OL-0838-04	OL-0838-05	OL-0838-06	OL-0838-07	
		Sample Date	7/24/2009	7/22/2009	7/22/2009	7/22/2009	7/22/2009	7/22/2009	7/22/2009	7/22/2009
		Sample Delivery Group	JA24031	JA23767						
		Matrix	SOIL							
		Sample Purpose	Regular sample							
		Sample Type	Sediment							
Method	Parameter Name	Units								
ASTM D4643-00	SOLIDS, PERCENT	%								
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	54800	31300	21700	44000	39200	13200	13800	
SM2540G	PERCENT MOISTURE	%								
SM2540G	SOLIDS, PERCENT	%	64.8	57.8	80.7	55.9	56.6	55.4	58.1	
SW7471	MERCURY	mg/kg	1.1	2.8	0.057	1.2	0.16	0.023	U	0.022
SW8082	AROCLOR-1016	ug/kg	100 U	5.7 U	4 U	5.9 U	5.8 U	5.9 U	5.6 U	
SW8082	AROCLOR-1221	ug/kg	100 U	5.7 U	4 U	5.9 U	5.8 U	5.9 U	5.6 U	
SW8082	AROCLOR-1232	ug/kg	100 U	5.7 U	4 U	5.9 U	5.8 U	5.9 U	5.6 U	
SW8082	AROCLOR-1242	ug/kg	100 U	5.7 U	4 U	5.9 U	5.8 U	5.9 U	5.6 U	
SW8082	AROCLOR-1248	ug/kg	3060	202	52.9	26.7	19.8	5.9 U	5.6 U	
SW8082	AROCLOR-1254	ug/kg	1730	89.1 J	19.5	12.7	13.8	5.9 U	5.6 U	
SW8082	AROCLOR-1260	ug/kg	176	37.2	5.3	5.9 U	5.8 U	5.9 U	5.6 U	
SW8082	AROCLOR-1268	ug/kg	100 U	5.7 U	4 U	9.7	33.3	5.9 U	5.6 U	
SW8082	PCBS, N.O.S.	ug/kg	4970	328	77.7	49.1	66.9	5.9 U	5.6 U	
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	7.7 U	9.2 U	6.1 U	45 U	9.4 U	9.4 U	8.6 U	
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	7.7 U	9.2 U	6.1 U	45 U	9.4 U	9.4 U	8.6 U	
SW8260	1,2-DICHLOROBENZENE	ug/kg	1 J	1.8 J	6.1 U	20.4 J	2.9 J	2.8 J	14.7	
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	7.7 U	9.2 U	6.1 UJ	45 U	9.4 U	9.4 U	8.6 UJ	
SW8260	1,3-DICHLOROBENZENE	ug/kg	7.7 U	2.3 J	6.1 U	3.9 J	0.57 J	9.4 U	8.6 U	
SW8260	1,4-DICHLOROBENZENE	ug/kg	1.4 J	6.8 J	6.1 U	13.9 J	2.2 J	9.4 U	11.4	
SW8260	BENZENE	ug/kg	2.3	1.6 J	1.2 U	92.6	19.1	12.7	40.7	
SW8260	CHLOROBENZENE	ug/kg	7.7 U	6.9 J	6.1 U	18 J	2.7 J	2.2 J	8.2 J	
SW8260	ETHYLBENZENE	ug/kg	1.5 U	1.8 U	1.2 U	12.8	3.7	15.5	44.5	
SW8260	NAPHTHALENE	ug/kg	2.5 J	9.2 U	6.1 U	578	56	32.3	101	
SW8260	O-XYLENE	ug/kg	1.1 J	0.9 J	1.2 U	94.7	11.9	0.95 J	1.1 J	
SW8260	TOLUENE	ug/kg	0.95 J	1.8 U	1.2 U	20.9	2.5	1.9 U	1.1 J	
SW8260	XYLEMES, M & P	ug/kg	1.2 J	1.9 J	2.4 U	117	12.6	1.7 J	2.9 J	
SW8260	XYLEMES, TOTAL	ug/kg	2.3 J	2.8 J	2.4 U	212	24.5	2.7 J	4	
SW8270	ACENAPHTHENE	ug/kg	99.3	8.41 J	7 U	31.5 J	146 J	7.33 J	5.63 J	
SW8270	ACENAPHTHYLENE	ug/kg	26.1	9.9 U	7 U	14.1	35	10 U	9.8 U	
SW8270	ANTHRACENE	ug/kg	122	9.82 J	7 U	65	308	16.7	20.8	
SW8270	BENZO(A)ANTHRACENE	ug/kg	386	36.2 J	13.6 J	120 J	316 J	26.6 J	25.3 J	
SW8270	BENZO(A)PYRENE	ug/kg	357	20	6.73 J	68.1	181	12	8.72 J	
SW8270	BENZO(B)FLUORANTHENE	ug/kg	424	42.8	14.5	134	261	23	16.6	
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	215	19.1	8.95	50.5	87.4	10.5	7.73 J	
SW8270	BENZO(K)FLUORANTHENE	ug/kg	198	10.7	4.28 J	45	89.5	6.95 J	5.89 J	
SW8270	CHRYSENE	ug/kg	395	21.2	6.11 J	84.3	251	9.09 J	9.68 J	
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	97.9	9.9 U	7 U	22.2	57.2	10 U	9.8 U	
SW8270	FLUORANTHENE	ug/kg	662	63.1	21.3	219	721	36.9	45.6	
SW8270	FLUORENE	ug/kg	49.8	9.9 U	7 U	168	560	18.7	125	
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	207	18.3	8.84	49.5	91.9	11.7	9.2 J	
SW8270	PHENANTHREN	ug/kg	438	54.2	20.8	116	734	37.9	53.5	
SW8270	PHENOL	ug/kg								
SW8270	PYRENE	ug/kg	653	65.3	19.1	204	567	30.9	41	
SW9045	pH	S.U.	9.41	7.92	9.36	9.18	8.65	8.01	7.63	

TABLE 3
SUMMARY OF VIBRACORE SEDIMENT ANALYTICAL RESULTS

		Location	OL-VC-20195	OL-VC-20195	OL-VC-20195	OL-VC-20195
Method	Parameter Name	Units				
ASTM D4643-00	SOLIDS, PERCENT	%				
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	28300 J	41200 J	97400 J	76100 J
SM2540G	PERCENT MOISTURE	%	60.2	61.1	72.9	77.3
SM2540G	SOLIDS, PERCENT	%				
SW7471	MERCURY	mg/kg	1.46 J	1.47 J	11 J	15.8 J
SW8082	AROCLOR-1016	ug/kg	110 UJ	110 UJ	940 UJ	1100 UJ
SW8082	AROCLOR-1221	ug/kg	110 UJ	110 UJ	940 UJ	1100 UJ
SW8082	AROCLOR-1232	ug/kg	110 UJ	110 UJ	940 UJ	1100 UJ
SW8082	AROCLOR-1242	ug/kg	110 UJ	110 UJ	940 UJ	1100 UJ
SW8082	AROCLOR-1248	ug/kg	260 J	360 J	5000 J	3500 J
SW8082	AROCLOR-1254	ug/kg	230 J	240 J	3700 J	2800 J
SW8082	AROCLOR-1260	ug/kg	110 J	130 J	1200 J	770 J
SW8082	AROCLOR-1268	ug/kg	110 UJ	110 UJ	940 UJ	1100 UJ
SW8082	PCBS, N.O.S.	ug/kg	600 J	720 J	9900 J	7100 J
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	13 UJ	14 UJ	18 UJ	22 UJ
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	13 UJ	14 UJ	18 UJ	22 UJ
SW8260	1,2-DICHLOROBENZENE	ug/kg	4 J	14 UJ	62 J	120 J
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	13 UJ	14 UJ	22 J	46 J
SW8260	1,3-DICHLOROBENZENE	ug/kg	13 UJ	6 J	110 J	68 J
SW8260	1,4-DICHLOROBENZENE	ug/kg	13 J	19 J	180 J	270 J
SW8260	BENZENE	ug/kg	2 J	22 J	170 J	210 J
SW8260	CHLOROBENZENE	ug/kg	16 J	75 J	460 J	150 J
SW8260	ETHYLBENZENE	ug/kg	13 UJ	3 J	31 J	70 J
SW8260	NAPHTHALENE	ug/kg	3 J	14 J	9 J	290 J
SW8260	O-XYLENE	ug/kg	13 UJ	4 J	9 J	19 J
SW8260	TOLUENE	ug/kg	13 UJ	6 J	31 J	36 J
SW8260	XYLENES, M & P	ug/kg	13 UJ	6 J	36 J	81 J
SW8260	XYLENES, TOTAL	ug/kg	13 UJ	8 J	44 J	99 J
SW8270	ACENAPHTHENE	ug/kg	22 J	42 J	140 J	190 J
SW8270	ACENAPHTHYLENE	ug/kg	38 J	50 J	61 J	75 J
SW8270	ANTHRACENE	ug/kg	65 J	77 J	300 J	320 J
SW8270	BENZO(A)ANTHRACENE	ug/kg	320 J	470 J	740 J	720 J
SW8270	BENZO(A)PYRENE	ug/kg	300 J	410 J	600 J	590 J
SW8270	BENZO(B)FLUORANTHENE	ug/kg	490 J	620 J	900 J	900 J
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	190 J	310 J	430 J	380 J
SW8270	BENZO(K)FLUORANTHENE	ug/kg	130 J	200 J	290 J	270 J
SW8270	CHRYSENE	ug/kg	300 J	540 J	930 J	970 J
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	37 J	64 J	84 J	79 J
SW8270	FLUORANTHENE	ug/kg	500 J	970 J	2100 J	1800 J
SW8270	FLUORENE	ug/kg	31 J	78 J	280 J	84 J
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	170 J	250 J	370 J	340 J
SW8270	PHENANTHRENE	ug/kg	240 J	440 J	1500 J	1900 J
SW8270	PHENOL	ug/kg				
SW8270	PYRENE	ug/kg	530 J	880 J	1900 J	2100 J
SW9045	pH	S.U.	7.73 J	7.89 J	7.67 J	7.91 J

TABLE 3
SUMMARY OF VIBRACORE SEDIMENT ANALYTICAL RESULTS

		Location	OL-VC-20195	OL-VC-20196	OL-VC-20196	OL-VC-20196	OL-VC-20196	OL-VC-20196	OL-VC-20196	OL-VC-20196
		Sample Depth	3.00-4.00 Ft	0.00-0.50 Ft	0.50-1.00 Ft	1.00-2.00 Ft	2.00-3.00 Ft	2.00-3.00 Ft	2.00-3.00 Ft	3.00-4.00 Ft
		Field Sample ID	OL-1023-05	OL-1024-02	OL-1024-03	OL-1024-04	OL-1024-05	OL-1024-06	OL-1024-07	
		Sample Date	9/22/2009	9/22/2009	9/22/2009	9/22/2009	9/22/2009	9/22/2009	9/22/2009	9/22/2009
		Sample Delivery Group	OLS01 OLS03	OLS02 OLS04	OLS02 OLS04	OLS02 OLS04				
		Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
		Sample Purpose	Regular sample	Field duplicate	Regular sample					
		Sample Type	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment
Method	Parameter Name	Units								
ASTM D4643-00	SOLIDS, PERCENT	%								
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	56800 J	16900	51000 J	81800 J	53600 J	61400 J	40400 J	
SM2540G	PERCENT MOISTURE	%	60.1	49.1	69.3	77.8	69.1	68	63.5	
SM2540G	SOLIDS, PERCENT	%								
SW7471	MERCURY	mg/kg	3.44 J	0.632 J	2.56 J	15.9 J	14.3 J	10.5 J	1.09 J	
SW8082	AROCLOR-1016	ug/kg	130 UJ	17 U	280 UJ	510 UJ	550 UJ	270 UJ	23 UJ	
SW8082	AROCLOR-1221	ug/kg	130 UJ	17 U	280 UJ	510 UJ	550 UJ	270 UJ	23 UJ	
SW8082	AROCLOR-1232	ug/kg	130 UJ	17 U	280 UJ	510 UJ	550 UJ	270 UJ	23 UJ	
SW8082	AROCLOR-1242	ug/kg	130 UJ	17 U	280 UJ	510 UJ	550 UJ	270 UJ	23 UJ	
SW8082	AROCLOR-1248	ug/kg	110 J	70	1100 J	1800 J	1300 J	820 J	23 UJ	
SW8082	AROCLOR-1254	ug/kg	200 J	54 J	730 J	1000 J	1100 J	700 J	50 J	
SW8082	AROCLOR-1260	ug/kg	180 J	26 J	350 J	350 J	370 J	230 J	25 J	
SW8082	AROCLOR-1268	ug/kg	130 UJ	17 U	280 UJ	510 UJ	550 UJ	270 UJ	23 UJ	
SW8082	PCBS, N.O.S.	ug/kg	490 J	150	2100 J	3100 J	2900 J	1800 J	75 J	
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	13 UJ	450 U	800 UJ	12000 UJ	890 UJ	7900 UJ	7000 UJ	
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	13 UJ	450 U	800 UJ	12000 UJ	890 UJ	7900 UJ	7000 UJ	
SW8260	1,2-DICHLOROBENZENE	ug/kg	10 J	450 U	320 J	12000 UJ	890 UJ	7900 UJ	7000 UJ	
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	3 J	450 U	800 UJ	12000 UJ	890 UJ	7900 UJ	7000 UJ	
SW8260	1,3-DICHLOROBENZENE	ug/kg	13 UJ	450 U	800 UJ	12000 UJ	890 UJ	7900 UJ	7000 UJ	
SW8260	1,4-DICHLOROBENZENE	ug/kg	8 J	450 U	800 UJ	730 J	8100 UJ	7900 UJ	7000 UJ	
SW8260	BENZENE	ug/kg	180 J	2800	43000 J	140000 J	120000 J	160000 J	78000 J	
SW8260	CHLOROBENZENE	ug/kg	4 J	450 U	620 J	580 J	8100 UJ	7900 UJ	7000 UJ	
SW8260	ETHYLBENZENE	ug/kg	89 J	5 J	800 UJ	1900 J	6100 J	6600 J	12000 J	
SW8260	NAPHTHALENE	ug/kg	32 J	8 J	780 J	730 J	4000 J	3800 J	24000 J	
SW8260	O-XYLENE	ug/kg	6 J	9 J	800 UJ	12000 UJ	890 UJ	7900 UJ	7000 UJ	
SW8260	TOLUENE	ug/kg	11 J	450 U	800 UJ	12000 UJ	890 UJ	7900 UJ	7000 UJ	
SW8260	XYLENES, M & P	ug/kg	65 J	450 U	230 J	4700 J	19000 J	20000 J	40000 J	
SW8260	XYLENES, TOTAL	ug/kg	71 J	450 U	230 J	4700 J	19000 J	20000 J	40000 J	
SW8270	ACENAPHTHENE	ug/kg	110 J	33 UJ	68 J	77 J	120 J	92 J	8700 J	
SW8270	ACENAPHTHYLENE	ug/kg	120 J	33 UJ	57 J	40 J	97 J	48 J	76 J	
SW8270	ANTHRACENE	ug/kg	270 J	30 J	65 J	160 J	270 J	350 J	9800 J	
SW8270	BENZO(A)ANTHRACENE	ug/kg	940 J	56 J	590 J	530 J	850 J	730 J	620 J	
SW8270	BENZO(A)PYRENE	ug/kg	680 J	61 J	570 J	430 J	700 J	530 J	9500 J	
SW8270	BENZO(B)FLUORANTHENE	ug/kg	1000 J	86 J	930 J	680 J	540 J	920 J	8400 J	
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	370 J	97	380 J	300 J	360 J	89 J	5200 J	
SW8270	BENZO(K)FLUORANTHENE	ug/kg	330 J	74	230 J	220 J	310 J	240 J	2900 J	
SW8270	CHRYSENE	ug/kg	1000 J	51 J	780 J	710 J	660 J	990 J	740 J	
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	120 J	33 UJ	37 J	81 J	51 J	87 J	990 J	
SW8270	FLUORANTHENE	ug/kg	1700 J	250	660 J	810 J	1800 J	2000 J	32000 J	
SW8270	FLUORENE	ug/kg	77 J	33 UJ	50 J	150 J	270 J	480 J	6500 J	
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	360 J	87	350 J	270 J	330 J	98 J	4200 J	
SW8270	PHENANTHRENE	ug/kg	1100 J	81 J	650 J	980 J	1500 J	2300 J	24000 J	
SW8270	PHENOL	ug/kg								
SW8270	PYRENE	ug/kg		1700 J	240	630 J	840 J	2100 J	2000 J	40000 J
SW9045	pH	S.U.		7.96 J	7.88	7.91 J	7.59 J	7.98 J	7.84 J	8.01 J

TABLE 3
SUMMARY OF VIBRACORE SEDIMENT ANALYTICAL RESULTS

		Location	OL-VC-20197	OL-VC-20197	OL-VC-20197	OL-VC-20197
Method	Parameter Name	Units				
ASTM D4643-00	SOLIDIS, PERCENT	%				
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	41900 J	46900 J	61800 J	57500 J
SM2540G	PERCENT MOISTURE	%	67.7	66.8	79.7	72.1
SM2540G	SOLIDIS, PERCENT	%				
SW7471	MERCURY	mg/kg	1.85 J	1.83 J	27.2 J	23.9 J
SW8082	AROCLOR-1016	ug/kg	53 UJ	130 UJ	1300 UJ	180 UJ
SW8082	AROCLOR-1221	ug/kg	53 UJ	130 UJ	1300 UJ	180 UJ
SW8082	AROCLOR-1232	ug/kg	53 UJ	130 UJ	1300 UJ	180 UJ
SW8082	AROCLOR-1242	ug/kg	53 UJ	130 UJ	1300 UJ	180 UJ
SW8082	AROCLOR-1248	ug/kg	330 J	910 J	5100 J	480 J
SW8082	AROCLOR-1254	ug/kg	250 J	460 J	2900 J	730 J
SW8082	AROCLOR-1260	ug/kg	130 J	240 J	970 J	340 J
SW8082	AROCLOR-1268	ug/kg	53 UJ	130 UJ	1300 UJ	180 UJ
SW8082	PCBS, N.O.S.	ug/kg	710 J	1600 J	9000 J	1600 J
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	15 UJ	15 UJ	27 UJ	18 UJ
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	15 UJ	15 UJ	27 UJ	18 UJ
SW8260	1,2-DICHLOROBENZENE	ug/kg	5 J	4 J	58 J	24 J
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	15 UJ	15 UJ	30 J	16 UJ
SW8260	1,3-DICHLOROBENZENE	ug/kg	6 J	14 J	170 J	34 J
SW8260	1,4-DICHLOROBENZENE	ug/kg	20 J	33 J	270 J	75 J
SW8260	BENZENE	ug/kg	2 J	6 J	70 J	59 J
SW8260	CHLOROBENZENE	ug/kg	23 J	46 J	170 J	41 J
SW8260	ETHYLBENZENE	ug/kg	5 J	15 UJ	23 J	24 J
SW8260	NAPHTHALENE	ug/kg	11 J	8 J	47 J	290 J
SW8260	O-XYLENE	ug/kg	3 J	8 J	84 J	94 J
SW8260	TOLUENE	ug/kg	15 UJ	15 UJ	18 J	13 J
SW8260	XYLENES, M & P	ug/kg	7 J	16 J	180 J	310 J
SW8260	XYLENES, TOTAL	ug/kg	6 J	25 J	270 J	400 J
SW8270	ACENAPHTHENE	ug/kg	38 J	56 J	190 J	130 J
SW8270	ACENAPHTHYLENE	ug/kg	42 J	49 J	80 J	110 J
SW8270	ANTHRACENE	ug/kg	78 J	80 J	350 J	350 J
SW8270	BENZO(A)ANTHRACENE	ug/kg	340 J	490 J	940 J	890 J
SW8270	BENZO(A)PYRENE	ug/kg	320 J	810 J	780 J	750 J
SW8270	BENZO(B)FLUORANTHENE	ug/kg	480 J	640 J	1200 J	1200 J
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	280 J	350 J	560 J	520 J
SW8270	BENZO(K)FLUORANTHENE	ug/kg	120 J	350 J	370 J	400 J
SW8270	CHRYSENE	ug/kg	390 J	580 J	1200 J	970 J
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	68 J	92 J	150 J	88 J
SW8270	FLUORANTHENE	ug/kg	460 J	730 J	2100 J	2300 J
SW8270	FLUORENE	ug/kg	56 J	90 J	270 J	280 J
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	240 J	310 J	490 J	470 J
SW8270	PHENANTHRENE	ug/kg	320 J	520 J	1800 J	1500 J
SW8270	PHENOL	ug/kg				
SW8270	PYRENE	ug/kg	860 J	2200 J	2600 J	2400 J
SW9045	pH	S.U.	7.76 J	7.72 J	7.71 J	7.91 J

TABLE 3
SUMMARY OF VIBRACORE SEDIMENT ANALYTICAL RESULTS

		Location	OL-VC-20197	OL-VC-30096	OL-VC-30096	OL-VC-30096	OL-VC-30096	OL-VC-30097	OL-VC-30097
		Sample Depth	3.00-4.00 Ft	0-1 Ft	1-2 Ft	2-3 Ft	3-4 Ft	0-1 Ft	1-2 Ft
		Field Sample ID	OL-1023-10	OL-0887-10	OL-0887-11	OL-0887-12	OL-0887-13	OL-0887-14	OL-0887-15
		Sample Date	9/22/2009	8/14/2009	8/14/2009	8/14/2009	8/14/2009	8/14/2009	8/14/2009
		Sample Delivery Group	OLS01 OLS03	JA25757	JA25757	JA25757	JA25757	JA25757	JA25757
		Matrix	SOIL						
		Sample Purpose	Regular sample						
		Sample Type	Sediment						
Method	Parameter Name	Units							
ASTM D4643-00	SOLIDS, PERCENT	%							
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	60800 J	10800	20700	42900	12400	18000	15100 J
SM2540G	PERCENT MOISTURE	%	65.8						
SM2540G	SOLIDS, PERCENT	%		59.9	56.3	57.4	53.5	51	48.8
SW7471	MERCURY	mg/kg	1.4 J	2.9	27.2	4	0.33	2.3	34.5 J
SW8082	AROCLOR-1016	ug/kg	150 UJ	5.6 U	5.9 U	5.7 U	6.2 U	6.5 U	6.7 UJ
SW8082	AROCLOR-1221	ug/kg	150 UJ	5.6 U	5.9 U	5.7 U	6.2 U	6.5 U	6.7 UJ
SW8082	AROCLOR-1232	ug/kg	150 UJ	5.6 U	5.9 U	5.7 U	6.2 U	6.5 U	6.7 UJ
SW8082	AROCLOR-1242	ug/kg	150 UJ	5.6 U	147 J	5.7 U	6.2 U	6.5 U	222 JN
SW8082	AROCLOR-1248	ug/kg	67 J	21.5	5.9 U	16.9	6.2 U	45.9	6.7 UJ
SW8082	AROCLOR-1254	ug/kg	48 J	9	68.4 J	37.1 J	6.2 U	20.8 J	114 J
SW8082	AROCLOR-1260	ug/kg	150 UJ	5.6 U	5.9 U	11.1 J	6.2 U	6.5 U	6.7 UJ
SW8082	AROCLOR-1268	ug/kg	150 UJ	12 J	335	5.7 U	6.2 U	6.5 U	74.8 J
SW8082	PCBS, N.O.S.	ug/kg	110 J	42.5	550	65 J	6.2 U	66.7 J	411 JN
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	800 UJ	7.7 U	8.7 U	8.9 U	9.2 U	9.1 U	9.7 UJ
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	800 UJ	7.7 U	8.7 U	8.9 U	9.2 U	9.1 U	9.7 UJ
SW8260	1,2-DICHLOROBENZENE	ug/kg	800 UJ	7.7 U	8.7 U	8.9 U	9.2 U	9.1 U	9.7 UJ
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	800 UJ	7.7 U	8.7 U	8.9 U	9.2 U	9.1 U	9.7 UJ
SW8260	1,3-DICHLOROBENZENE	ug/kg	800 UJ	7.7 U	1.6 J	8.9 U	9.2 U	1.7 J	6.1 J
SW8260	1,4-DICHLOROBENZENE	ug/kg	800 UJ	0.77 J	1.3 J	8.9 U	9.2 U	1.5 J	4.1 J
SW8260	BENZENE	ug/kg	220 J	1.5 U	1.7 U	1.8 U	1.8 U	1.8 U	1.9 UJ
SW8260	CHLOROBENZENE	ug/kg	800 UJ	0.98 J	1.4 J	8.9 U	9.2 U	2 J	3.1 J
SW8260	ETHYLBENZENE	ug/kg	400 J	1.5 U	1.7 U	1.8 U	1.8 U	1.8 U	1.9 UJ
SW8260	NAPHTHALENE	ug/kg	24000 J	7.7 U	8.7 U	8.9 U	9.2 U	9.1 U	9.7 UJ
SW8260	O-XYLENE	ug/kg	800 UJ	1.5 U	1.7 U	1.8 U	1.8 U	1.8 U	1.1 J
SW8260	TOLUENE	ug/kg	800 UJ	1.5 U	1.7 U	1.8 U	1.8 U	1.8 U	1.9 UJ
SW8260	XYLENES, M & P	ug/kg	1900 J	3.1 U	3.5 U	3.6 U	3.7 U	3.6 U	2 J
SW8260	XYLENES, TOTAL	ug/kg	1900 J	3.1 U	3.5 U	3.6 U	3.7 U	3.6 U	3.1 J
SW8270	ACENAPHTHENE	ug/kg	970 J	4.8 U	5.1 U	4.9 U	5.3 U	5.6 U	9.57 J
SW8270	ACENAPHTHYLENE	ug/kg	970 J	4.8 U	8.41	11.1	8.69	12.2	24 J
SW8270	ANTHRACENE	ug/kg	4200 J	7.8	15.5	13.3	11.8	17.8	44.8 J
SW8270	BENZO(A)ANTHRACENE	ug/kg	4600 J	35.5	37	36.2	116	77.3	75.7 J
SW8270	BENZO(A)PYRENE	ug/kg	2400 J	28.2	22.8	26.3	99.1	82.8	58.1 J
SW8270	BENZO(B)FLUORANTHENE	ug/kg	3400 J	46.5	46.8	46.5	110	109	97.8 J
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	1300 J	21	15.4	16.4	50.6	56.4	41.4 J
SW8270	BENZO(K)FLUORANTHENE	ug/kg	630 J	19	6.74	5.08	71.5	64.4	34.7 J
SW8270	CHRYSENE	ug/kg	4400 J	32.7	37.1	34.8	101	79.8	84.2 J
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	360 J	10.2	8.83	9.32	30.3	29.8	20.8 J
SW8270	FLUORANTHENE	ug/kg	4300 J	65.5	76.2	72.7	107	156	176 J
SW8270	FLUORENE	ug/kg	2600 J	4.8 U	5.1 U	7.97	5.3 U	5.6 U	35.2 J
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	900 J	21	16.2	17.1	54	57.3	44.4 J
SW8270	PHENANTHREN	ug/kg	8600 J	24.8	30.1	37.2	24.8	51.2	107 J
SW8270	PHENOL	ug/kg		48 U	51 U	49 U	53 U	56 U	59 UJ
SW8270	PYRENE	ug/kg	9200 J	63.3	85.9	81.4	129	148	200 J
SW9045	pH	S.U.	8.24 J	7.67	7.68	7.71	7.69	7.67	7.65 J

TABLE 3
SUMMARY OF VIBRACORE SEDIMENT ANALYTICAL RESULTS

		Location	OL-VC-30097	OL-VC-30097	OL-VC-30098-A	OL-VC-30098-A
Method	Parameter Name	Units				
ASTM D4643-00	SOLIDS, PERCENT	%				
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	26100 J	31400		
SM2540G	PERCENT MOISTURE	%			57.6	51.8
SM2540G	SOLIDS, PERCENT	%	49.4	50.8		
SW7471	MERCURY	mg/kg	12 J	0.38	1.84 J	2.71 J
SW8082	AROCLOR-1016	ug/kg	6.7 UJ	6.5 U		
SW8082	AROCLOR-1221	ug/kg	6.7 UJ	6.5 U		
SW8082	AROCLOR-1232	ug/kg	6.7 UJ	6.5 U		
SW8082	AROCLOR-1242	ug/kg	6.7 UJ	6.5 U		
SW8082	AROCLOR-1248	ug/kg	57.4 JN	6.5 U		
SW8082	AROCLOR-1254	ug/kg	63.6 J	6.5 U		
SW8082	AROCLOR-1260	ug/kg	19.9 J	6.5 U		
SW8082	AROCLOR-1268	ug/kg	6.7 UJ	6.5 U		
SW8082	PCBS, N.O.S.	ug/kg	141 J	6.5 U		
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	11 UJ	10 U		
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	11 UJ	10 U		
SW8260	1,2-DICHLOROBENZENE	ug/kg	11 UJ	10 U		
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	11 UJ	10 U		
SW8260	1,3-DICHLOROBENZENE	ug/kg	11 UJ	10 U		
SW8260	1,4-DICHLOROBENZENE	ug/kg	11 UJ	10 U		
SW8260	BENZENE	ug/kg	2.2 UJ	2.1 U		
SW8260	CHLOROBENZENE	ug/kg	11 UJ	10 U		
SW8260	ETHYLBENZENE	ug/kg	2.2 UJ	2.1 U		
SW8260	NAPHTHALENE	ug/kg	11 UJ	10 U		
SW8260	O-XYLENE	ug/kg	2.2 UJ	2.1 U		
SW8260	TOLUENE	ug/kg	2.2 UJ	2.1 U		
SW8260	XYLEMES, M & P	ug/kg	4.3 UJ	4.1 U		
SW8260	XYLEMES, TOTAL	ug/kg	4.3 UJ	4.1 U		
SW8270	ACENAPHTHENE	ug/kg	6.35 J	7.37		
SW8270	ACENAPHTHYLENE	ug/kg	26.4 J	29.3		
SW8270	ANTHRACENE	ug/kg	28.7 J	28.9		
SW8270	BENZO(A)ANTHRACENE	ug/kg	58.6 J	75.3		
SW8270	BENZO(A)PYRENE	ug/kg	48.2 J	62.9		
SW8270	BENZO(B)FLUORANTHENE	ug/kg	69.6 J	60.8		
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	29.8 J	37.3		
SW8270	BENZO(K)FLUORANTHENE	ug/kg	26 J	62.5		
SW8270	CHRYSENE	ug/kg	65.9 J	76.4		
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	15.7 J	21		
SW8270	FLUORANTHENE	ug/kg	125 J	163		
SW8270	FLUORENE	ug/kg	21.4 J	19.7		
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	31.7 J	39.8		
SW8270	PHENANTHRENE	ug/kg	71.5 J	83		
SW8270	PHENOL	ug/kg	58 UJ	56 U		
SW8270	PYRENE	ug/kg	147 J	186		
SW9045	pH	S.U.	7.61 J	7.53		

TABLE 3
SUMMARY OF VIBRACORE SEDIMENT ANALYTICAL RESULTS

		Location	OL-VC-30098	OL-VC-30098	OL-VC-30098	OL-VC-30098	OL-VC-30099	OL-VC-30099	OL-VC-30099
		Sample Depth	0.0-1.0 Ft	1.0-2.0 Ft	2.0-3.0 Ft	3.0-4.0 Ft	0-1 Ft	1-2 Ft	2-3 Ft
		Field Sample ID	OL-0840-17	OL-0840-18	OL-0840-19	OL-0840-20	OL-0865-10	OL-0865-11	OL-0865-12
		Sample Date	7/23/2009	7/23/2009	7/23/2009	7/23/2009	8/5/2009	8/5/2009	8/5/2009
		Sample Delivery Group	JA23890	JA23890	JA23890	JA23890	JA24914	JA24914	JA24914
		Matrix	SOIL						
		Sample Purpose	Regular sample						
		Sample Type	Sediment						
Method	Parameter Name	Units							
ASTM D4643-00	SOLIDS, PERCENT	%							
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	18300 J	22200 J	19300 J	39500 J	6840 J	2940 J	9080
SM2540G	PERCENT MOISTURE	%							
SM2540G	SOLIDS, PERCENT	%	45.6	47.4	48.1	46.1	24.8	22.3	33.9
SW7471	MERCURY	mg/kg	2.2 J	11.3 J	22.7 J	3.7 J	0.1 J	0.055 UJ	0.12
SW8082	AROCLOR-1016	ug/kg	7.2 UJ	7 UJ	6.9 UJ	6.3 UJ	13 UJ	15 UJ	9.7
SW8082	AROCLOR-1221	ug/kg	7.2 UJ	7 UJ	6.9 UJ	6.3 UJ	13 UJ	15 UJ	9.7
SW8082	AROCLOR-1232	ug/kg	7.2 UJ	7 UJ	6.9 UJ	6.3 UJ	13 UJ	15 UJ	9.7
SW8082	AROCLOR-1242	ug/kg	7.2 UJ	7 UJ	6.9 UJ	6.3 UJ	13 UJ	15 UJ	9.7
SW8082	AROCLOR-1248	ug/kg	7.2 UJ	109 J	95 J	9.6 J	13 UJ	15 UJ	9.7
SW8082	AROCLOR-1254	ug/kg	7.2 UJ	50 J	68.8 J	15.4 J	13 UJ	15 UJ	9.7
SW8082	AROCLOR-1260	ug/kg	7.2 UJ	25.7 J	6.9 UJ	6.3 UJ	13 UJ	15 UJ	9.7
SW8082	AROCLOR-1268	ug/kg	7.2 UJ	7 UJ	88.4 J	6.3 UJ	13 UJ	15 UJ	9.7
SW8082	PCBS, N.O.S.	ug/kg	7.2 UJ	185 J	252 J	25 J	13 UJ	15 UJ	9.7
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	11 UJ	11 UJ	10 UJ	11 UJ	21 UJ	23 UJ	15
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	11 UJ	11 UJ	10 UJ	11 UJ	21 UJ	23 UJ	15
SW8260	1,2-DICHLOROBENZENE	ug/kg	11 UJ	11 UJ	10 UJ	11 UJ	1.3 J	1.6 J	1.1
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	11 UJ	11 UJ	10 UJ	11 UJ	21 UJ	23 UJ	15
SW8260	1,3-DICHLOROBENZENE	ug/kg	11 UJ	5.9 J	5.9 J	11 UJ	21 UJ	23 UJ	15
SW8260	1,4-DICHLOROBENZENE	ug/kg	11 UJ	5.2 J	4.1 J	11 UJ	1.9 J	1.8 J	1.5
SW8260	BENZENE	ug/kg	2.1 UJ	2.2 UJ	2.1 UJ	2.1 UJ	5 J	9.6 J	6.4
SW8260	CHLOROBENZENE	ug/kg	11 UJ	3.7 J	4.1 J	11 UJ	21 UJ	23 UJ	15
SW8260	ETHYLBENZENE	ug/kg	2.1 UJ	2.2 UJ	2.1 UJ	2.1 UJ	4.3 UJ	4.6 UJ	3
SW8260	NAPHTHALENE	ug/kg	11 UJ	11 UJ	10 UJ	11 UJ	19.1 J	22.6 J	15.1
SW8260	O-XYLENE	ug/kg	2.1 UJ	2.8 J	3.4 J	2.1 UJ	4.3 UJ	2.5 J	2.2
SW8260	TOLUENE	ug/kg	2.1 UJ	2.2 UJ	2.1 UJ	2.1 UJ	2.8 J	5.6 J	4.5
SW8260	XYLENES, M & P	ug/kg	4.2 UJ	3.4 J	3.9 J	4.3 UJ	2.4 J	3.6 J	3.3
SW8260	XYLENES, TOTAL	ug/kg	4.2 UJ	6.2 J	7.3 J	4.3 UJ	2.4 J	6.1 J	5.5
SW8270	ACENAPHTHENE	ug/kg	12 UJ	12 UJ	43.6 J	14.5 J	11 UJ	13 UJ	8.4
SW8270	ACENAPHTHYLENE	ug/kg	16.2 J	19.4 J	60.6 J	31.2 J	11 UJ	13 UJ	8.4
SW8270	ANTHRACENE	ug/kg	24.5 J	32.9 J	109 J	33.6 J	11 UJ	13 UJ	10.2
SW8270	BENZO(A)ANTHRACENE	ug/kg	124 J	93.3 J	177 J	82.2 J	12.4 J	13 UJ	31
SW8270	BENZO(A)PYRENE	ug/kg	145 J	79.3 J	164 J	78.4 J	13.3 J	13 UJ	21.5
SW8270	BENZO(B)FLUORANTHENE	ug/kg	267 J	187 J	178 J	138 J	21.9 J	13 UJ	37.9
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	90.7 J	41.6 J	129 J	33.6 J	11 UJ	13 UJ	14.1
SW8270	BENZO(K)FLUORANTHENE	ug/kg	90.2 J	50.6 J	194 J	46.4 J	8.76 J	13 UJ	17.7
SW8270	CHRYSENE	ug/kg	125 J	95.1 J	319 J	92.3 J	11.4 J	13 UJ	18.1
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	36.6 J	23.7 J	31.5 J	21.5 J	11 UJ	13 UJ	8.4
SW8270	FLUORANTHENE	ug/kg	216 J	193 J	430 J	182 J	40.5 J	50.2 J	64.2
SW8270	FLUORENE	ug/kg	12 UJ	30.7 J	417 J	33.7 J	11 UJ	13 UJ	13.9
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	110 J	61.1 J	123 J	43.6 J	11 UJ	13 UJ	11.8
SW8270	PHENANTHREN	ug/kg	89.5 J	88.9 J	374 J	112 J	33 J	38.1 J	44.4
SW8270	PHENOL	ug/kg	62 UJ	60 UJ	59 UJ	62 UJ	1990 J	2250 J	1920
SW8270	PYRENE	ug/kg	220 J	212 J	600 J	220 J	38.6 J	46.2 J	68.6
SW9045	pH	S.U.	7.36 J	7.42 J	7.7 J	7.57 J	11.22 J	11.83 J	11.87

TABLE 3
SUMMARY OF VIBRACORE SEDIMENT ANALYTICAL RESULTS

		Location	OL-VC-30099	OL-VC-30099	OL-VC-30099	OL-VC-30100
	Sample Depth		3-4 Ft	4-5 Ft	5-6 Ft	0-1 Ft
	Field Sample ID		OL-0865-13	OL-0865-14	OL-0865-15	OL-0865-16
	Sample Date		8/5/2009	8/5/2009	8/5/2009	8/5/2009
	Sample Delivery Group		JA24914	JA24914	JA24914	JA24914
	Matrix		SOIL	SOIL	SOIL	SOIL
	Sample Purpose		Regular sample	Regular sample	Regular sample	Regular sample
	Sample Type		Sediment	Sediment	Sediment	Sediment
Method	Parameter Name	Units				
ASTM D4643-00	SOLIDS, PERCENT	%				
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	J	8340 J	1470 J	1270 J
SM2540G	PERCENT MOISTURE	%				
SM2540G	SOLIDS, PERCENT	%		35.2	25.3	32.4
SW7471	MERCURY	mg/kg	J	0.18 J	0.1 J	0.031 J
SW8082	AROCLOR-1016	ug/kg	UJ	9.3 UJ	13 UJ	10 UJ
SW8082	AROCLOR-1221	ug/kg	UJ	9.3 UJ	13 UJ	10 UJ
SW8082	AROCLOR-1232	ug/kg	UJ	9.3 UJ	13 UJ	10 UJ
SW8082	AROCLOR-1242	ug/kg	UJ	9.3 UJ	13 UJ	10 UJ
SW8082	AROCLOR-1248	ug/kg	UJ	9.3 UJ	13 UJ	10 UJ
SW8082	AROCLOR-1254	ug/kg	UJ	9.3 UJ	13 UJ	10 UJ
SW8082	AROCLOR-1260	ug/kg	UJ	9.3 UJ	13 UJ	10 UJ
SW8082	AROCLOR-1268	ug/kg	UJ	9.3 UJ	13 UJ	10 UJ
SW8082	PCBS, N.O.S.	ug/kg	UJ	9.3 UJ	13 UJ	10 UJ
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	UJ	13 UJ	21 UJ	15 UJ
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	UJ	13 UJ	21 UJ	15 UJ
SW8260	1,2-DICHLOROBENZENE	ug/kg	J	1.2 J	21 UJ	0.97 J
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	UJ	13 UJ	21 UJ	15 UJ
SW8260	1,3-DICHLOROBENZENE	ug/kg	UJ	13 UJ	21 UJ	15 UJ
SW8260	1,4-DICHLOROBENZENE	ug/kg	J	1.9 J	2 J	1.6 J
SW8260	BENZENE	ug/kg	J	6.9 J	9.1 J	7.2 J
SW8260	CHLOROBENZENE	ug/kg	UJ	1.2 J	1.7 J	1.5 J
SW8260	ETHYLBENZENE	ug/kg	UJ	2.7 UJ	4.2 UJ	3 UJ
SW8260	NAPHTHALENE	ug/kg	J	14.5 J	16.7 J	12.9 J
SW8260	O-XYLENE	ug/kg	J	2.4 J	2.4 J	1.8 J
SW8260	TOLUENE	ug/kg	J	5.9 J	8.1 J	6.7 J
SW8260	XYLEMES, M & P	ug/kg	J	3.4 J	3.6 J	2.7 J
SW8260	XYLEMES, TOTAL	ug/kg	J	5.8 J	6 J	4.5 J
SW8270	ACENAPHTHENE	ug/kg	UJ	8.1 UJ	11 UJ	8.8 UJ
SW8270	ACENAPHTHYLENE	ug/kg	UJ	8.1 UJ	11 UJ	8.8 UJ
SW8270	ANTHRACENE	ug/kg	J	8.95 J	11 UJ	8.8 UJ
SW8270	BENZO(A)ANTHRACENE	ug/kg	J	25.8 J	11 UJ	15.1 J
SW8270	BENZO(A)PYRENE	ug/kg	J	20.7 J	11 UJ	12.9 J
SW8270	BENZO(B)FLUORANTHENE	ug/kg	J	31.2 J	11 UJ	19.1 J
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	J	12.7 J	11 UJ	8.8 UJ
SW8270	BENZO(K)FLUORANTHENE	ug/kg	J	15.7 J	11 UJ	7.79 J
SW8270	CHRYSENE	ug/kg	J	14.3 J	11 UJ	11.9 J
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	UJ	8.1 UJ	11 UJ	8.8 UJ
SW8270	FLUORANTHENE	ug/kg	J	44.9 J	39.2 J	54.1 J
SW8270	FLUORENE	ug/kg	J	8.1 UJ	11 UJ	8.8 UJ
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	J	12.2 J	11 UJ	8.8 UJ
SW8270	PHENANTHRENE	ug/kg	J	29.7 J	24.5 J	30.6 J
SW8270	PHENOL	ug/kg	J	731 J	1130 J	874 J
SW8270	PYRENE	ug/kg	J	53 J	30.7 J	41.9 J
SW9045	pH	S.U.	J	11.78 J	12.03 J	12.13 J
						12.02 J

TABLE 3
SUMMARY OF VIBRACORE SEDIMENT ANALYTICAL RESULTS

		Location	OL-VC-30100	OL-VC-30100	OL-VC-30100	OL-VC-30100	OL-VC-30100	OL-VC-30101	OL-VC-30101	OL-VC-30101	
		Sample Depth	1-2 Ft	2-3 Ft	3-4 Ft	4-5 Ft	5-6 Ft	0-1 Ft	1-2 Ft		
		Field Sample ID	OL-0865-17	OL-0865-18	OL-0865-19	OL-0865-20	OL-0866-01	OL-0868-01	OL-0868-02		
		Sample Date	8/5/2009	8/5/2009	8/5/2009	8/5/2009	8/5/2009	8/5/2009	8/5/2009	8/5/2009	
		Sample Delivery Group	JA24914	JA24914	JA24914	JA24914	JA24915	JA24916	JA24916	JA24916	
		Matrix	SOIL								
		Sample Purpose	Regular sample								
		Sample Type	Sediment								
Method	Parameter Name	Units									
ASTM D4643-00	SOLIDS, PERCENT	%									
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	1140 J	1340 J	2660 J	833 J	1540 J	3200 J	3290		
SM2540G	PERCENT MOISTURE	%									
SM2540G	SOLIDS, PERCENT	%	29.7	30	29.9	35.3	28.3	25.5	24.9		
SW7471	MERCURY	mg/kg	0.079 J	0.11 J	0.19 J	0.15 J	0.26 J	0.13 J	0.13		
SW8082	AROCLOR-1016	ug/kg	11 UJ	11 UJ	11 UJ	9.3 UJ	12 UJ	13 UJ	13		
SW8082	AROCLOR-1221	ug/kg	11 UJ	11 UJ	11 UJ	9.3 UJ	12 UJ	13 UJ	13		
SW8082	AROCLOR-1232	ug/kg	11 UJ	11 UJ	11 UJ	9.3 UJ	12 UJ	13 UJ	13		
SW8082	AROCLOR-1242	ug/kg	11 UJ	11 UJ	11 UJ	9.3 UJ	12 UJ	13 UJ	13		
SW8082	AROCLOR-1248	ug/kg	11 UJ	11 UJ	11 UJ	9.3 UJ	12 UJ	13 UJ	13		
SW8082	AROCLOR-1254	ug/kg	11 UJ	11 UJ	11 UJ	9.3 UJ	12 UJ	13 UJ	13		
SW8082	AROCLOR-1260	ug/kg	11 UJ	11 UJ	11 UJ	9.3 UJ	12 UJ	13 UJ	13		
SW8082	AROCLOR-1268	ug/kg	11 UJ	11 UJ	11 UJ	9.3 UJ	12 UJ	13 UJ	13		
SW8082	PCBS, N.O.S.	ug/kg	11 UJ	11 UJ	11 UJ	9.3 UJ	12 UJ	13 UJ	13		
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	19 UJ	17 UJ	17 UJ	14 UJ	20 UJ	20 UJ	21		
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	19 UJ	17 UJ	17 UJ	14 UJ	20 UJ	20 UJ	21		
SW8260	1,2-DICHLOROBENZENE	ug/kg	19 UJ	17 UJ	17 UJ	14 UJ	20 UJ	20 UJ	21		
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	19 UJ	17 UJ	17 UJ	14 UJ	20 UJ	20 UJ	21		
SW8260	1,3-DICHLOROBENZENE	ug/kg	19 UJ	17 UJ	17 UJ	14 UJ	20 UJ	20 UJ	21		
SW8260	1,4-DICHLOROBENZENE	ug/kg	2 J	1.6 J	1.9 J	14 UJ	2.6 J	2 J	2.3		
SW8260	BENZENE	ug/kg	22.6 J	30.2 J	42.1 J	29.5 J	113 J	5.6 J	8.2		
SW8260	CHLOROBENZENE	ug/kg	19 UJ	17 UJ	17 UJ	14 UJ	1.4 J	20 UJ	21		
SW8260	ETHYLBENZENE	ug/kg	2.1 J	3.2 J	5.6 J	3.5 J	18.3 J	4.1 UJ	4.2		
SW8260	NAPHTHALENE	ug/kg	17.5 J	17.9 J	23.8 J	13 J	45.6 J	12.1 J	15.4		
SW8260	O-XYLENE	ug/kg	11.5 J	17.9 J	31.5 J	20 J	92.4 J	4.1 UJ	4.2		
SW8260	TOLUENE	ug/kg	17.4 J	22.2 J	32.1 J	19.5 J	81.5 J	6.3 J	9.3		
SW8260	XYLENES, M & P	ug/kg	25.1 J	41.2 J	74.6 J	47.5 J	236 J	3.3 J	4.5		
SW8260	XYLENES, TOTAL	ug/kg	36.6 J	59.1 J	106 J	67.5 J	328 J	3.3 J	4.5		
SW8270	ACENAPHTHENE	ug/kg	9.6 UJ	9.5 UJ	19.8 J	14.8 J	34.8 J	11 UJ	11		
SW8270	ACENAPHTHYLENE	ug/kg	9.6 UJ	9.5 UJ	9.6 UJ	8.1 UJ	10 UJ	11 UJ	11		
SW8270	ANTHRACENE	ug/kg	9.6 UJ	9.5 UJ	28.2 J	8.1 UJ	11.8 J	11 UJ	11		
SW8270	BENZO(A)ANTHRACENE	ug/kg	9.6 UJ	9.5 UJ	70.5 J	8.1 UJ	10 UJ	16.8 J	19.3		
SW8270	BENZO(A)PYRENE	ug/kg	9.6 UJ	9.5 UJ	48.9 J	8.1 UJ	10 UJ	11 UJ	11		
SW8270	BENZO(B)FLUORANTHENE	ug/kg	9.6 UJ	9.5 UJ	87.3 J	8.1 UJ	10 UJ	11 UJ	11		
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	9.6 UJ	9.5 UJ	31.8 J	8.1 UJ	10 UJ	11 UJ	11		
SW8270	BENZO(K)FLUORANTHENE	ug/kg	9.6 UJ	9.5 UJ	32.2 J	8.1 UJ	10 UJ	11 UJ	11		
SW8270	CHRYSENE	ug/kg	9.6 UJ	9.5 UJ	56.6 J	8.1 UJ	10 UJ	14.8 J	16.4		
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	9.6 UJ	9.5 UJ	9.6 UJ	8.1 UJ	10 UJ	11 UJ	11		
SW8270	FLUORANTHENE	ug/kg	37.8 J	47.3 J	176 J	41.9 J	27 J	39.8 J	51.8		
SW8270	FLUORENE	ug/kg	9.6 UJ	9.5 UJ	9.6 UJ	8.1 UJ	10 UJ	11 UJ	11		
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	9.6 UJ	9.5 UJ	26.5 J	8.1 UJ	10 UJ	11 UJ	11		
SW8270	PHENANTHRENENE	ug/kg	47 J	47.5 J	113 J	46.8 J	103 J	23.2 J	32.3		
SW8270	PHENOL	ug/kg	363 J	345 J	377 J	379 J	1020 J	1800 J	1760		
SW8270	PYRENE	ug/kg	26.5 J	34 J	143 J	30.6 J	23.4 J	37.8 J	47		
SW9045	pH	S.U.	12.12 J	12 J	12.02 J	12.04 J	12.23 J	12 J	12.1		

TABLE 3
SUMMARY OF VIBRACORE SEDIMENT ANALYTICAL RESULTS

		Location	OL-VC-30101	OL-VC-30101	OL-VC-30101	OL-VC-30101
	Sample Depth		2-3 Ft	3-4 Ft	4-5 Ft	5-6 Ft
	Field Sample ID		OL-0868-03	OL-0868-04	OL-0868-05	OL-0868-06
	Sample Date		8/5/2009	8/5/2009	8/5/2009	8/5/2009
	Sample Delivery Group		JA24916	JA24916	JA24916	JA24916
	Matrix		SOIL	SOIL	SOIL	SOIL
	Sample Purpose		Regular sample	Regular sample	Regular sample	Regular sample
	Sample Type		Sediment	Sediment	Sediment	Sediment
Method	Parameter Name	Units				
ASTM D4643-00	SOLIDS, PERCENT	%				
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	J 2370	J 1860	J 1910	J 2030
SM2540G	PERCENT MOISTURE	%				
SM2540G	SOLIDS, PERCENT	%		27.4	26.9	26.1
SW7471	MERCURY	mg/kg	J 0.13	J 0.12	J 0.16	J 0.12
SW8082	AROCLOR-1016	ug/kg	UJ 12	UJ 12	UJ 13	UJ 12
SW8082	AROCLOR-1221	ug/kg	UJ 12	UJ 12	UJ 13	UJ 12
SW8082	AROCLOR-1232	ug/kg	UJ 12	UJ 12	UJ 13	UJ 12
SW8082	AROCLOR-1242	ug/kg	UJ 12	UJ 12	UJ 13	UJ 12
SW8082	AROCLOR-1248	ug/kg	UJ 12	UJ 12	UJ 13	UJ 12
SW8082	AROCLOR-1254	ug/kg	UJ 12	UJ 12	UJ 13	UJ 12
SW8082	AROCLOR-1260	ug/kg	UJ 12	UJ 12	UJ 13	UJ 12
SW8082	AROCLOR-1268	ug/kg	UJ 12	UJ 12	UJ 13	UJ 12
SW8082	PCBS, N.O.S.	ug/kg	UJ 12	UJ 12	UJ 13	UJ 12
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	UJ 19	UJ 19	UJ 19	UJ 18
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	UJ 19	UJ 19	UJ 19	UJ 18
SW8260	1,2-DICHLOROBENZENE	ug/kg	UJ 19	UJ 19	UJ 19	UJ 18
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	UJ 19	UJ 19	UJ 19	UJ 18
SW8260	1,3-DICHLOROBENZENE	ug/kg	UJ 19	UJ 19	UJ 19	UJ 18
SW8260	1,4-DICHLOROBENZENE	ug/kg	J 1.9	J 2.1	J 1.9	J 1.7
SW8260	BENZENE	ug/kg	J 7.3	J 7.8	J 9.9	J 11.3
SW8260	CHLOROBENZENE	ug/kg	UJ 19	UJ 19	UJ 19	UJ 18
SW8260	ETHYLBENZENE	ug/kg	UJ 3.7	UJ 3.7	UJ 3.8	UJ 3.6
SW8260	NAPHTHALENE	ug/kg	J 13	J 14.6	J 14	J 14.8
SW8260	O-XYLENE	ug/kg	UJ 3.7	UJ 3.7	UJ 3.8	UJ 3.6
SW8260	TOLUENE	ug/kg	J 7.6	J 8.9	J 10	J 10.4
SW8260	XYLEMES, M & P	ug/kg	J 3	J 3.1	J 3.2	J 3.2
SW8260	XYLEMES, TOTAL	ug/kg	J 3	J 3.1	J 3.2	J 3.2
SW8270	ACENAPHTHENE	ug/kg	UJ 10	UJ 11	UJ 11	UJ 10
SW8270	ACENAPHTHYLENE	ug/kg	UJ 10	UJ 11	UJ 11	UJ 10
SW8270	ANTHRACENE	ug/kg	UJ 10	UJ 11	UJ 11	J 15.6
SW8270	BENZO(A)ANTHRACENE	ug/kg	J 10	UJ 11	UJ 11	J 56.8
SW8270	BENZO(A)PYRENE	ug/kg	UJ 10	UJ 11	UJ 11	J 30.2
SW8270	BENZO(B)FLUORANTHENE	ug/kg	UJ 10	UJ 11	UJ 11	J 53.1
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	UJ 10	UJ 11	UJ 11	J 17.5
SW8270	BENZO(K)FLUORANTHENE	ug/kg	UJ 10	UJ 11	UJ 11	J 16
SW8270	CHRYSENE	ug/kg	J 10	UJ 11	UJ 11	J 40.6
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	UJ 10	UJ 11	UJ 11	J 10
SW8270	FLUORANTHENE	ug/kg	J 18.1	J 27.9	J 39.2	J 118
SW8270	FLUORENE	ug/kg	UJ 10	UJ 11	UJ 11	UJ 10
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	UJ 10	UJ 11	UJ 11	J 17.8
SW8270	PHENANTHRENE	ug/kg	J 13.6	J 18	J 24.9	J 57.1
SW8270	PHENOL	ug/kg	J 778	J 772	J 797	J 618
SW8270	PYRENE	ug/kg	J 15.6	J 22.2	J 29.4	J 96.5
SW9045	pH	S.U.	J 12.16	J 12.22	J 12.24	J 12.23

TABLE 3
SUMMARY OF VIBRACORE SEDIMENT ANALYTICAL RESULTS

		Location	OL-VC-30102	OL-VC-30102	OL-VC-30102	OL-VC-30102	OL-VC-30102	OL-VC-30102	OL-VC-30102	OL-VC-30102
		Sample Depth	0-1 Ft	1-2 Ft	2-3 Ft	2-3 Ft	3-4 Ft	4-5 Ft	5-6 Ft	
		Field Sample ID	OL-0866-02	OL-0866-03	OL-0866-04	OL-0866-05	OL-0866-06	OL-0866-07	OL-0866-08	
		Sample Date	8/5/2009	8/5/2009	8/5/2009	8/5/2009	8/5/2009	8/5/2009	8/5/2009	
		Sample Delivery Group	JA24915	JA24915	JA24915	JA24915	JA24915	JA24915	JA24915	
		Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	
		Sample Purpose	Regular sample	Regular sample	Regular sample	Field duplicate	Regular sample	Regular sample	Regular sample	
		Sample Type	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	
Method	Parameter Name	Units								
ASTM D4643-00	SOLIDS, PERCENT	%								
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	1740 J	3450 J	5340 J	4060 J	6450 J	3510 J	2190 J	
SM2540G	PERCENT MOISTURE	%								
SM2540G	SOLIDS, PERCENT	%	21.5	22.9	24.9	26.8	35.6	30.2	29.4	
SW7471	MERCURY	mg/kg	0.084 J	0.126 J	0.15 J	0.1 J	0.25 J	0.1 J	0.087 J	
SW8082	AROCLOR-1016	ug/kg	15 UJ	14 UJ	13 UJ	12 UJ	9.2 UJ	11 UJ	11 UJ	
SW8082	AROCLOR-1221	ug/kg	15 UJ	14 UJ	13 UJ	12 UJ	9.2 UJ	11 UJ	11 UJ	
SW8082	AROCLOR-1232	ug/kg	15 UJ	14 UJ	13 UJ	12 UJ	9.2 UJ	11 UJ	11 UJ	
SW8082	AROCLOR-1242	ug/kg	15 UJ	14 UJ	13 UJ	12 UJ	9.2 UJ	11 UJ	11 UJ	
SW8082	AROCLOR-1248	ug/kg	15 UJ	14 UJ	53.6 J	12 UJ	9.2 UJ	11 UJ	11 UJ	
SW8082	AROCLOR-1254	ug/kg	15 UJ	14 UJ	28.6 J	12 UJ	9.2 UJ	11 UJ	11 UJ	
SW8082	AROCLOR-1260	ug/kg	15 UJ	14 UJ	18.4 J	12 UJ	9.2 UJ	11 UJ	11 UJ	
SW8082	AROCLOR-1268	ug/kg	15 UJ	14 UJ	13 UJ	12 UJ	9.2 UJ	11 UJ	11 UJ	
SW8082	PCBS, N.O.S.	ug/kg	15 UJ	14 UJ	101 J	12 UJ	9.2 UJ	11 UJ	11 UJ	
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	26 UJ	20 UJ	20 UJ	17 UJ	14 UJ	17 UJ	18 UJ	
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	26 UJ	20 UJ	20 UJ	17 UJ	14 UJ	17 UJ	18 UJ	
SW8260	1,2-DICHLOROBENZENE	ug/kg	26 UJ	20 UJ	20 UJ	17 UJ	14 UJ	1.6 J	18 UJ	
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	26 UJ	20 UJ	20 UJ	17 UJ	14 UJ	17 UJ	18 UJ	
SW8260	1,3-DICHLOROBENZENE	ug/kg	26 UJ	20 UJ	20 UJ	17 UJ	14 UJ	17 UJ	18 UJ	
SW8260	1,4-DICHLOROBENZENE	ug/kg	26 UJ	20 UJ	20 UJ	17 UJ	14 UJ	3.7 J	1.7 J	
SW8260	BENZENE	ug/kg	2.7 J	3.8 J	5.7 J	4.9 J	3.7 J	6.2 J	6 J	
SW8260	CHLOROBENZENE	ug/kg	26 UJ	20 UJ	20 UJ	17 UJ	14 UJ	17 UJ	18 UJ	
SW8260	ETHYLBENZENE	ug/kg	5.2 UJ	4 UJ	4.1 UJ	3.4 UJ	2.8 UJ	2.2 J	3.5 UJ	
SW8260	NAPHTHALENE	ug/kg	4.8 J	7 J	11.1 J	11.7 J	6.4 J	14.7 J	8.4 J	
SW8260	O-XYLENE	ug/kg	5.2 UJ	4 UJ	2 J	2 J	2.8 UJ	4.2 J	2.9 J	
SW8260	TOLUENE	ug/kg	2.5 J	3.5 J	5.6 J	5.1 J	3.6 J	9.6 J	8.3 J	
SW8260	XYLENES, M & P	ug/kg	10 UJ	8.1 UJ	2.7 J	2.6 J	1.6 J	5.4 J	3.4 J	
SW8260	XYLENES, TOTAL	ug/kg	10 UJ	8.1 UJ	4.7 J	4.6 J	1.6 J	9.6 J	6.3 J	
SW8270	ACENAPHTHENE	ug/kg	13 UJ	12 UJ	11 UJ	11 UJ	7.9 UJ	9.3 UJ	9.7 UJ	
SW8270	ACENAPHTHYLENE	ug/kg	13 UJ	12 UJ	15 J	11 UJ	35.4 J	12.6 J	9.7 UJ	
SW8270	ANTHRACENE	ug/kg	13 UJ	12 UJ	19 J	11 UJ	31.6 J	9.3 UJ	9.7 UJ	
SW8270	BENZO(A)ANTHRACENE	ug/kg	13 UJ	12 UJ	27.2 J	15.6 J	90 J	22.4 J	9.7 UJ	
SW8270	BENZO(A)PYRENE	ug/kg	13 UJ	12 UJ	11 UJ	11 UJ	51.2 J	15.3 J	9.7 UJ	
SW8270	BENZO(B)FLUORANTHENE	ug/kg	13 UJ	12 UJ	11 UJ	11 UJ	100 J	23.3 J	9.7 UJ	
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	13 UJ	12 UJ	11 UJ	11 UJ	45.2 J	10.6 J	9.7 UJ	
SW8270	BENZO(K)FLUORANTHENE	ug/kg	13 UJ	12 UJ	11 UJ	11 UJ	25.2 J	6.6 J	9.7 UJ	
SW8270	CHRYSENE	ug/kg	13 UJ	12 UJ	21.1 J	22.1 J	58.8 J	25.6 J	9.7 UJ	
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	13 UJ	12 UJ	11 UJ	11 UJ	12.7 J	9.3 UJ	9.7 UJ	
SW8270	FLUORANTHENE	ug/kg	16 J	27.2 J	74.4 J	74.6 J	137 J	52 J	31.1 J	
SW8270	FLUORENE	ug/kg	13 UJ	12 UJ	27.7 J	11 UJ	18.6 J	9.3 UJ	9.7 UJ	
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	13 UJ	12 UJ	11 UJ	11 UJ	44.5 J	9.94 J	9.7 UJ	
SW8270	PHENANTHRENE	ug/kg	12.7 J	20.5 J	91.7 J	44.2 J	64.2 J	22.8 J	15.8 J	
SW8270	PHENOL	ug/kg	3880 J	3720 J	3910 J	3520 J	1600 J	1300 J	1420 J	
SW8270	PYRENE	ug/kg	15.8 J	27.2 J	86.2 J	71.2 J	164 J	61 J	22 J	
SW9045	pH	S.U.	11.68 J	11.76 J	11.82 J	11.84 J	11.69 J	11.87 J	12.05 J	

TABLE 3
SUMMARY OF VIBRACORE SEDIMENT ANALYTICAL RESULTS

		Location	OL-VC-30103	OL-VC-30103	OL-VC-30103
Method	Parameter Name	Units			
ASTM D4643-00	SOLIDS, PERCENT	%			
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	23400 J	24000 J	11800 J
SM2540G	PERCENT MOISTURE	%			
SM2540G	SOLIDS, PERCENT	%	45	38.1	43.8
SW7471	MERCURY	mg/kg	2.8 J	4.6 J	0.73 J
SW8082	AROCLOR-1016	ug/kg	7.3 UJ	8.5 UJ	7.5 UJ
SW8082	AROCLOR-1221	ug/kg	7.3 UJ	8.5 UJ	7.5 UJ
SW8082	AROCLOR-1232	ug/kg	7.3 UJ	8.5 UJ	7.5 UJ
SW8082	AROCLOR-1242	ug/kg	16.6 J	51.5 J	7.5 UJ
SW8082	AROCLOR-1248	ug/kg	7.3 UJ	8.5 UJ	7.5 UJ
SW8082	AROCLOR-1254	ug/kg	13.5 J	25.3 J	7.5 UJ
SW8082	AROCLOR-1260	ug/kg	7.3 UJ	12.4 J	7.5 UJ
SW8082	AROCLOR-1268	ug/kg	7.3 UJ	8.5 UJ	7.5 UJ
SW8082	PCBS, N.O.S.	ug/kg	30.1 J	89.2 J	7.5 UJ
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	11 UJ	12 UJ	11 UJ
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	11 UJ	12 UJ	11 UJ
SW8260	1,2-DICHLOROBENZENE	ug/kg	11 UJ	0.7 J	0.91 J
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	11 UJ	12 UJ	11 UJ
SW8260	1,3-DICHLOROBENZENE	ug/kg	1.5 J	12 UJ	11 UJ
SW8260	1,4-DICHLOROBENZENE	ug/kg	2.8 J	2.5 J	2.2 J
SW8260	BENZENE	ug/kg	2.1 UJ	4.7 J	5 J
SW8260	CHLOROBENZENE	ug/kg	3.1 J	2.4 J	11 UJ
SW8260	ETHYLBENZENE	ug/kg	2.1 UJ	2.4 UJ	0.97 J
SW8260	NAPHTHALENE	ug/kg	11 UJ	3.1 J	9.6 J
SW8260	O-XYLENE	ug/kg	2.1 UJ	1.6 J	1.5 J
SW8260	TOLUENE	ug/kg	2.1 UJ	2 J	3.6 J
SW8260	XYLEMES, M & P	ug/kg	1 J	1.8 J	2.4 J
SW8260	XYLEMES, TOTAL	ug/kg	1 J	3.4 J	3.9 J
SW8270	ACENAPHTHENE	ug/kg	7.76 J	7.5 UJ	7.73 J
SW8270	ACENAPHTHYLENE	ug/kg	31.8 J	25.6 J	37.3 J
SW8270	ANTHRACENE	ug/kg	38.6 J	32.7 J	34.5 J
SW8270	BENZO(A)ANTHRACENE	ug/kg	87.1 J	55.4 J	81.8 J
SW8270	BENZO(A)PYRENE	ug/kg	63.4 J	43.4 J	62.4 J
SW8270	BENZO(B)FLUORANTHENE	ug/kg	125 J	95.6 J	111 J
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	49.2 J	33.2 J	59.4 J
SW8270	BENZO(K)FLUORANTHENE	ug/kg	43.9 J	16.4 J	44.4 J
SW8270	CHRYSENE	ug/kg	70.5 J	67 J	65.5 J
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	14.6 J	9.36 J	18 J
SW8270	FLUORANTHENE	ug/kg	153 J	117 J	137 J
SW8270	FLUORENE	ug/kg	59.6 J	49.5 J	30.4 J
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	47.7 J	33.1 J	54.8 J
SW8270	PHENANTHRENE	ug/kg	77.1 J	63.6 J	64 J
SW8270	PHENOL	ug/kg	118 J	583 J	1280 J
SW8270	PYRENE	ug/kg	176 J	143 J	158 J
SW9045	pH	S.U.	7.59 J	9.48 J	11.02 J

TABLE 3
SUMMARY OF VIBRACORE SEDIMENT ANALYTICAL RESULTS

		Location	OL-VC-30103	OL-VC-30103	OL-VC-30103	OL-VC-30104	OL-VC-30104	OL-VC-30104	OL-VC-30104
		Sample Depth	3-4 Ft	4-5 Ft	5-6 Ft	0-1 Ft	1-2 Ft	2-3 Ft	3-4 Ft
		Field Sample ID	OL-0866-18	OL-0866-19	OL-0866-20	OL-0866-09	OL-0866-10	OL-0866-11	OL-0866-12
		Sample Date	8/5/2009	8/5/2009	8/5/2009	8/5/2009	8/5/2009	8/5/2009	8/5/2009
		Sample Delivery Group	JA24915						
		Matrix	SOIL						
		Sample Purpose	Regular sample						
		Sample Type	Sediment						
Method	Parameter Name	Units							
ASTM D4643-00	SOLIDS, PERCENT	%							
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	6600 J	3530 J	2910 J	18300 J	31900 J	12900 J	9890 J
SM2540G	PERCENT MOISTURE	%							
SM2540G	SOLIDS, PERCENT	%	30.2	24.8	26	40.9	42.1	41.1	34
SW7471	MERCURY	mg/kg	0.48 J	0.34 J	0.22 J	2.2 J	7.9 J	2.4 J	1.6 J
SW8082	AROCLOR-1016	ug/kg	11 UJ	13 UJ	13 UJ	8 UJ	7.8 UJ	8.1 UJ	9.7 UJ
SW8082	AROCLOR-1221	ug/kg	11 UJ	13 UJ	13 UJ	8 UJ	7.8 UJ	8.1 UJ	9.7 UJ
SW8082	AROCLOR-1232	ug/kg	11 UJ	13 UJ	13 UJ	8 UJ	7.8 UJ	8.1 UJ	9.7 UJ
SW8082	AROCLOR-1242	ug/kg	11 UJ	13 UJ	13 UJ	8 UJ	83.1 J	8.1 UJ	9.7 UJ
SW8082	AROCLOR-1248	ug/kg	11 UJ	13 UJ	13 UJ	8 UJ	7.8 UJ	8.1 UJ	9.7 UJ
SW8082	AROCLOR-1254	ug/kg	11 UJ	13 UJ	13 UJ	8 UJ	48.4 J	8.1 UJ	9.7 UJ
SW8082	AROCLOR-1260	ug/kg	11 UJ	13 UJ	13 UJ	8 UJ	14.5 J	8.1 UJ	9.7 UJ
SW8082	AROCLOR-1268	ug/kg	11 UJ	13 UJ	13 UJ	8 UJ	7.8 UJ	8.1 UJ	9.7 UJ
SW8082	PCBS, N.O.S.	ug/kg	11 UJ	13 UJ	13 UJ	8 UJ	146 J	8.1 UJ	9.7 UJ
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	18 UJ	22 UJ	20 UJ	12 UJ	R	13 UJ	16 UJ
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	18 UJ	22 UJ	20 UJ	12 UJ	R	13 UJ	16 UJ
SW8260	1,2-DICHLOROBENZENE	ug/kg	1.1 J	22 UJ	20 UJ	12 UJ	1.3 J	1.3 J	1 J
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	18 UJ	22 UJ	20 UJ	12 UJ	R	13 UJ	16 UJ
SW8260	1,3-DICHLOROBENZENE	ug/kg	18 UJ	22 UJ	20 UJ	12 UJ	6.5 J	13 UJ	16 UJ
SW8260	1,4-DICHLOROBENZENE	ug/kg	2.6 J	1.9 J	1.9 J	1.5 J	11.7 J	2.9 J	2.5 J
SW8260	BENZENE	ug/kg	10.1 J	10.3 J	10.7 J	2.5 UJ	2.2 UJ	4.6 J	6.3 J
SW8260	CHLOROBENZENE	ug/kg	18 UJ	22 UJ	20 UJ	1.9 J	8.9 J	13 UJ	16 UJ
SW8260	ETHYLBENZENE	ug/kg		1.6 J	4.5 UJ	4.1 UJ	2.5 UJ	2.2 UJ	1.6 J
SW8260	NAPHTHALENE	ug/kg	15.7 J	18.4 J	20.8 J	12 UJ	11 UJ	8.9 J	11 J
SW8260	O-XYLENE	ug/kg	1.8 J	4.5 UJ	4.1 UJ	2.5 UJ	1.9 J	2.3 J	2.3 J
SW8260	TOLUENE	ug/kg	7.8 J	9.3 J	9.8 J	2.5 UJ	2.2 UJ	5.3 J	8.2 J
SW8260	XYLEMES, M & P	ug/kg	4.1 J	3.8 J	3.8 J	5 UJ	2.4 J	4.1 J	4.9 J
SW8260	XYLEMES, TOTAL	ug/kg	5.9 J	3.8 J	3.8 J	5 UJ	4.3 J	6.4 J	7.2 J
SW8270	ACENAPHTHENE	ug/kg		9.3 UJ	11 UJ	11 UJ	7 UJ	6.7 UJ	6.9 UJ
SW8270	ACENAPHTHYLENE	ug/kg	38.8 J	11 UJ	11 UJ	22.9 J	17.3 J	51.4 J	67.5 J
SW8270	ANTHRACENE	ug/kg	36.5 J	11 UJ	11 UJ	28.1 J	25 J	43.8 J	47.4 J
SW8270	BENZO(A)ANTHRACENE	ug/kg	97 J	20.3 J	11 UJ	81.6 J	49.7 J	98.1 J	142 J
SW8270	BENZO(A)PYRENE	ug/kg	64.2 J	11 UJ	11 UJ	66.7 J	43.1 J	71.5 J	84 J
SW8270	BENZO(B)FLUORANTHENE	ug/kg	102 J	11 UJ	11 UJ	131 J	82.6 J	123 J	136 J
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	55.1 J	11 UJ	11 UJ	70.8 J	39.4 J	54.5 J	56.3 J
SW8270	BENZO(K)FLUORANTHENE	ug/kg	25 J	11 UJ	11 UJ	43.7 J	34.2 J	47.4 J	46.6 J
SW8270	CHRYSENE	ug/kg	102 J	14.6 J	11 UJ	61.1 J	48.8 J	82.1 J	101 J
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	14.4 J	11 UJ	11 UJ	16 J	10.4 J	16.4 J	17.3 J
SW8270	FLUORANTHENE	ug/kg	159 J	40.2 J	27.1 J	131 J	96.3 J	164 J	192 J
SW8270	FLUORENE	ug/kg	15.6 J	11 UJ	11 UJ	12.6 J	48.6 J	34.9 J	28.2 J
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	49.9 J	11 UJ	11 UJ	66.9 J	41.5 J	53.6 J	57.4 J
SW8270	PHENANTHRENE	ug/kg	71.1 J	30.6 J	20 J	39.8 J	45.8 J	87.9 J	80 J
SW8270	PHENOL	ug/kg	3580 J	4200 J	2770 J	70 UJ	676 J	722 J	2020 J
SW8270	PYRENE	ug/kg	203 J	42.3 J	23 J	135 J	108 J	208 J	253 J
SW9045	pH	S.U.	11.53 J	11.99 J	12.13 J	7.49 J	7.49 J	10.37 J	11.05 J

TABLE 3
SUMMARY OF VIBRACORE SEDIMENT ANALYTICAL RESULTS

		Location	OL-VC-30104	OL-VC-30104	OL-VC-30105-A	OL-VC-30105-A
	Sample Depth	4-5 Ft	5-6 Ft	0.00-0.50 Ft	0.50-1.00 Ft	
	Field Sample ID	OL-0866-13	OL-0866-14	OL-1029-14	OL-1029-15	
	Sample Date	8/5/2009	8/5/2009	9/25/2009	9/25/2009	
	Sample Delivery Group	JA24915	JA24915	OLS09	OLS09	
	Matrix	SOIL	SOIL	SOIL	SOIL	
	Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	
	Sample Type	Sediment	Sediment	Sediment	Sediment	
Method	Parameter Name	Units				
ASTM D4643-00	SOLIDIS, PERCENT	%				
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	4540 J	8030 J		
SM2540G	PERCENT MOISTURE	%			57.2	53.7
SM2540G	SOLIDIS, PERCENT	%	25.7	24.3		
SW7471	MERCURY	mg/kg	0.013 J	0.15 J	2.02 J	2.09 J
SW8082	AROCLOR-1016	ug/kg	13 UJ	14 UJ		
SW8082	AROCLOR-1221	ug/kg	13 UJ	14 UJ		
SW8082	AROCLOR-1232	ug/kg	13 UJ	14 UJ		
SW8082	AROCLOR-1242	ug/kg	13 UJ	14 UJ		
SW8082	AROCLOR-1248	ug/kg	13 UJ	14 UJ		
SW8082	AROCLOR-1254	ug/kg	13 UJ	14 UJ		
SW8082	AROCLOR-1260	ug/kg	13 UJ	14 UJ		
SW8082	AROCLOR-1268	ug/kg	13 UJ	14 UJ		
SW8082	PCBS, N.O.S.	ug/kg	13 UJ	14 UJ		
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	18 UJ	22 UJ		
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	18 UJ	22 UJ		
SW8260	1,2-DICHLOROBENZENE	ug/kg	1.2 J	22 UJ		
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	18 UJ	22 UJ		
SW8260	1,3-DICHLOROBENZENE	ug/kg	18 UJ	22 UJ		
SW8260	1,4-DICHLOROBENZENE	ug/kg	2.9 J	3 J		
SW8260	BENZENE	ug/kg	6.8 J	7.4 J		
SW8260	CHLOROBENZENE	ug/kg	18 UJ	22 UJ		
SW8260	ETHYLBENZENE	ug/kg	1.5 J	4.4 UJ		
SW8260	NAPHTHALENE	ug/kg	13 J	15.4 J		
SW8260	O-XYLENE	ug/kg	2.7 J	3.2 J		
SW8260	TOLUENE	ug/kg	11.3 J	14.4 J		
SW8260	XYLEMES, M & P	ug/kg	5.6 J	7.3 J		
SW8260	XYLEMES, TOTAL	ug/kg	8.3 J	10.5 J		
SW8270	ACENAPHTHENE	ug/kg	14.7 J	12 UJ		
SW8270	ACENAPHTHYLENE	ug/kg	11 UJ	12 UJ		
SW8270	ANTHRACENE	ug/kg	67.2 J	12.7 J		
SW8270	BENZO(A)ANTHRACENE	ug/kg	151 J	31.4 J		
SW8270	BENZO(A)PYRENE	ug/kg	80.3 J	12 UJ		
SW8270	BENZO(B)FLUORANTHENE	ug/kg	107 J	12 UJ		
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	54.3 J	12 UJ		
SW8270	BENZO(K)FLUORANTHENE	ug/kg	57.4 J	12 UJ		
SW8270	CHRYSENE	ug/kg	85.9 J	23.2 J		
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	16.6 J	12 UJ		
SW8270	FLUORANTHENE	ug/kg	267 J	92.8 J		
SW8270	FLUORENE	ug/kg	28.3 J	12 UJ		
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	56 J	12 UJ		
SW8270	PHENANTHRENE	ug/kg	193 J	43.1 J		
SW8270	PHENOL	ug/kg	3120 J	3310 J		
SW8270	PYRENE	ug/kg	207 J	70.9 J		
SW9045	pH	S.U.	11.88 J	12.01 J		

TABLE 3
SUMMARY OF VIBRACORE SEDIMENT ANALYTICAL RESULTS

		Location	OL-VC-30105	OL-VC-30105	OL-VC-30105	OL-VC-30105	OL-VC-30105	OL-VC-30105	OL-VC-30105	OL-VC-30105
	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	4.0-5.0 Ft	5.0-6.0 Ft	5.0-6.0 Ft	5.0-6.0 Ft
	Field Sample ID	OL-0840-06	OL-0840-07	OL-0840-08	OL-0840-09	OL-0840-10	OL-0840-11	OL-0840-12		
	Sample Date	7/23/2009	7/23/2009	7/23/2009	7/23/2009	7/23/2009	7/23/2009	7/23/2009	7/23/2009	7/23/2009
	Sample Delivery Group	JA23890	JA23890	JA23890						
	Matrix	SOIL	SOIL	SOIL						
	Sample Purpose	Regular sample	Field duplicate	Regular sample						
	Sample Type	Sediment	Sediment							
Method	Parameter Name	Units								
ASTM D4643-00	SOLIDS, PERCENT	%								
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	29500 J	21900 J	7760 J	9590 J	6290 J	9550 J	6630 J	
SM2540G	PERCENT MOISTURE	%								
SM2540G	SOLIDS, PERCENT	%	44.5	28.2	30.3	36.7	36.5	32.2	31.4	
SW7471	MERCURY	mg/kg	8.5 J	4.3 J	0.095 J	0.23 J	0.057 J	0.18 J	0.21 J	
SW8082	AROCLOR-1016	ug/kg	7.4 UJ	12 UJ	11 UJ	9 UJ	9.1 UJ	10 UJ	11 UJ	
SW8082	AROCLOR-1221	ug/kg	7.4 UJ	12 UJ	11 UJ	9 UJ	9.1 UJ	10 UJ	11 UJ	
SW8082	AROCLOR-1232	ug/kg	7.4 UJ	12 UJ	11 UJ	9 UJ	9.1 UJ	10 UJ	11 UJ	
SW8082	AROCLOR-1242	ug/kg	7.4 UJ	12 UJ	11 UJ	9 UJ	9.1 UJ	10 UJ	11 UJ	
SW8082	AROCLOR-1248	ug/kg	148 J	41.5 J	11 UJ	9 UJ	9.1 UJ	10 UJ	11 UJ	
SW8082	AROCLOR-1254	ug/kg	69.9 J	22.1 J	11 UJ	9 UJ	9.1 UJ	10 UJ	11 UJ	
SW8082	AROCLOR-1260	ug/kg	28.9 J	12 UJ	11 UJ	9 UJ	9.1 UJ	10 UJ	11 UJ	
SW8082	AROCLOR-1268	ug/kg	7.4 UJ	12 UJ	11 UJ	9 UJ	9.1 UJ	10 UJ	11 UJ	
SW8082	PCBS, N.O.S.	ug/kg	247 J	63.6 J	11 UJ	9 UJ	9.1 UJ	10 UJ	11 UJ	
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	11 UJ	16 UJ	18 UJ	14 UJ	14 UJ	17 UJ	15 UJ	
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	11 UJ	16 UJ	18 UJ	14 UJ	14 UJ	17 UJ	15 UJ	
SW8260	1,2-DICHLOROBENZENE	ug/kg	11 UJ	16 UJ	18 UJ	14 UJ	14 UJ	17 UJ	15 UJ	
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	11 UJ	16 UJ	18 UJ	14 UJ	14 UJ	17 UJ	15 UJ	
SW8260	1,3-DICHLOROBENZENE	ug/kg	1.2 J	1.7 J	18 UJ	14 UJ	14 UJ	17 UJ	15 UJ	
SW8260	1,4-DICHLOROBENZENE	ug/kg	3 J	3.7 J	18 UJ	14 UJ	14 UJ	17 UJ	15 UJ	
SW8260	BENZENE	ug/kg	2.1 UJ	5.4 J	7.1 J	8.9 J	6 J	7.7 J	7.1 J	
SW8260	CHLOROBENZENE	ug/kg	3.3 J	3 J	18 UJ	14 UJ	14 UJ	17 UJ	15 UJ	
SW8260	ETHYLBENZENE	ug/kg	2.1 UJ	3.3 UJ	3.6 UJ	2.8 UJ	2.8 UJ	3.4 UJ	3 UJ	
SW8260	NAPHTHALENE	ug/kg	11 UJ	4.3 J	9.6 J	12.9 J	12.6 J	16 J	19.5 J	
SW8260	O-XYLENE	ug/kg	2.1 UJ	3.3 UJ	3.6 UJ	1.6 J	2.8 UJ	3.4 UJ	1.5 J	
SW8260	TOLUENE	ug/kg	2.1 UJ	3.3 UJ	3.8 J	4.4 J	3.9 J	4.7 J	5.4 J	
SW8260	XYLENES, M & P	ug/kg	4.2 UJ	6.6 UJ	7.2 UJ	2.3 J	5.6 UJ	2.4 J	2.9 J	
SW8260	XYLENES, TOTAL	ug/kg	4.2 UJ	6.6 UJ	7.2 UJ	3.9 J	5.6 UJ	2.4 J	4.4 J	
SW8270	ACENAPHTHENE	ug/kg	19.9 J	26.9 J	19 UJ	15 UJ	16 UJ	18 UJ	18 UJ	
SW8270	ACENAPHTHYLENE	ug/kg	29.3 J	46.8 J	19 UJ	18.7 J	16 UJ	18 UJ	18 UJ	
SW8270	ANTHRACENE	ug/kg	41.1 J	55.5 J	19.1 J	34 J	19 J	25.1 J	26.8 J	
SW8270	BENZO(A)ANTHRACENE	ug/kg	136 J	123 J	55.5 J	62.6 J	49.8 J	55.9 J	56.3 J	
SW8270	BENZO(A)PYRENE	ug/kg	101 J	123 J	31.2 J	44.1 J	28.3 J	36 J	42.2 J	
SW8270	BENZO(B)FLUORANTHENE	ug/kg	241 J	123 J	70.8 J	78.6 J	21.2 J	69 J	68.3 J	
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	67.3 J	84.9 J	31.6 J	41.4 J	18.1 J	34.5 J	29.6 J	
SW8270	BENZO(K)FLUORANTHENE	ug/kg	54.7 J	136 J	19.9 J	28.2 J	41.2 J	18 UJ	27.5 J	
SW8270	CHRYSENE	ug/kg	135 J	205 J	54 J	64.1 J	38.7 J	45.7 J	64.1 J	
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	31.1 J	43.2 J	19 UJ	22.5 J	16 UJ	23.4 J	18 UJ	
SW8270	FLUORANTHENE	ug/kg	228 J	262 J	129 J	145 J	89.3 J	106 J	127 J	
SW8270	FLUORENE	ug/kg	180 J	39.8 J	19 UJ	15 UJ	21.4 J	29.1 J	20.8 J	
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	92.3 J	97.6 J	33.6 J	48 J	20 J	41.3 J	31.1 J	
SW8270	PHENANTHRENE	ug/kg	85.2 J	217 J	80.4 J	118 J	70.6 J	95.4 J	85.1 J	
SW8270	PHENOL	ug/kg	64 UJ	3730 J	4810 J	5670 J	2870 J	5020 J	2350 J	
SW8270	PYRENE	ug/kg	257 J	437 J	138 J	144 J	75.4 J	97.1 J	119 J	
SW9045	pH	S.U.	7.94 J	10.14 J	11.12 J	11.14 J	11.47 J	11.15 J	11.57 J	

TABLE 3
SUMMARY OF VIBRACORE SEDIMENT ANALYTICAL RESULTS

		Location	OL-VC-30106-A	OL-VC-30106-A	OL-VC-30106	OL-VC-30106
Method	Parameter Name	Units				
ASTM D4643-00	SOLIDIS, PERCENT	%			36.7	
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg			24000 J	45200 J
SM2540G	PERCENT MOISTURE	%	56.2	52.1		
SM2540G	SOLIDIS, PERCENT	%				30.3
SW7471	MERCURY	mg/kg	2.7 J	2.69 J	2.4 J	10.4 J
SW8082	AROCLOR-1016	ug/kg			9 UJ	11 UJ
SW8082	AROCLOR-1221	ug/kg			9 UJ	11 UJ
SW8082	AROCLOR-1232	ug/kg			9 UJ	11 UJ
SW8082	AROCLOR-1242	ug/kg			9 UJ	11 UJ
SW8082	AROCLOR-1248	ug/kg			39.2 J	91.3 J
SW8082	AROCLOR-1254	ug/kg			12.1 J	70 J
SW8082	AROCLOR-1260	ug/kg			9 UJ	18.9 J
SW8082	AROCLOR-1268	ug/kg			9 UJ	11 UJ
SW8082	PCBS, N.O.S.	ug/kg			51.3 J	180 J
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg			14 UJ	17 UJ
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg			14 UJ	17 UJ
SW8260	1,2-DICHLOROBENZENE	ug/kg			14 UJ	17 UJ
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg			14 UJ	17 UJ
SW8260	1,3-DICHLOROBENZENE	ug/kg			14 UJ	5.4 J
SW8260	1,4-DICHLOROBENZENE	ug/kg			14 UJ	10.5 J
SW8260	BENZENE	ug/kg			2.7 UJ	3.8 J
SW8260	CHLOROBENZENE	ug/kg			14 UJ	9.7 J
SW8260	ETHYLBENZENE	ug/kg			2.7 UJ	3.3 UJ
SW8260	NAPHTHALENE	ug/kg			14 UJ	17 UJ
SW8260	O-XYLENE	ug/kg			2.7 UJ	2.9 J
SW8260	TOLUENE	ug/kg			2.7 UJ	3.3 UJ
SW8260	XYLEMES, M & P	ug/kg			5.4 UJ	3.4 J
SW8260	XYLEMES, TOTAL	ug/kg			5.4 UJ	6.3 J
SW8270	ACENAPHTHENE	ug/kg			16 UJ	20.3 J
SW8270	ACENAPHTHYLENE	ug/kg			25.3 J	31.6 J
SW8270	ANTHRACENE	ug/kg			30.2 J	42.9 J
SW8270	BENZO(A)ANTHRACENE	ug/kg			78.8 J	102 J
SW8270	BENZO(A)PYRENE	ug/kg			81.6 J	90.5 J
SW8270	BENZO(B)FLUORANTHENE	ug/kg			196 J	118 J
SW8270	BENZO(G,H,I)PERYLENE	ug/kg			57.9 J	76 J
SW8270	BENZO(K)FLUORANTHENE	ug/kg			41 J	91.5 J
SW8270	CHRYSENE	ug/kg			80.3 J	157 J
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg			17.8 J	36.1 J
SW8270	FLUORANTHENE	ug/kg			153 J	203 J
SW8270	FLUORENE	ug/kg			33 J	132 J
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg			66.9 J	93.2 J
SW8270	PHENANTHRENE	ug/kg			52.8 J	140 J
SW8270	PHENOL	ug/kg			78 UJ	3060 J
SW8270	PYRENE	ug/kg			170 J	281 J
SW9045	pH	S.U.			8.3 J	9.36 J

TABLE 3
SUMMARY OF VIBRACORE SEDIMENT ANALYTICAL RESULTS

		Location	OL-VC-30106	OL-VC-30106	OL-VC-30106	OL-VC-30106	OL-VC-30107-A	OL-VC-30107-A	OL-VC-30107
	Sample Depth	2.0-3.0 Ft	3.0-4.0 Ft	4.0-5.0 Ft	5.0-6.0 Ft	0.00-0.50 Ft	0.50-1.00 Ft	0.0-1.0 Ft	
	Field Sample ID	OL-0840-02	OL-0840-03	OL-0840-04	OL-0840-05	OL-1029-12	OL-1029-13	OL-0839-01	
	Sample Date	7/23/2009	7/23/2009	7/23/2009	7/23/2009	9/25/2009	9/25/2009	7/23/2009	
	Sample Delivery Group	JA23890	JA23890	JA23890	JA23890	OLS09	OLS09	JA23889	
	Matrix	SOIL							
	Sample Purpose	Regular sample							
	Sample Type	Sediment							
Method	Parameter Name	Units							
ASTM D4643-00	SOLIDS, PERCENT	%							
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	9300 J	10200 J	10300 J	9510 J	30600 J	42500 J	38700 J
SM2540G	PERCENT MOISTURE	%					61.4	64.6	
SM2540G	SOLIDS, PERCENT	%	30.7	29.1	35.4	28			35.7
SW7471	MERCURY	mg/kg	1.8 J	0.34 J	0.22 J	0.082 J	1.65 J	13 J	17.4 J
SW8082	AROCOLOR-1016	ug/kg	11 UJ	11 UJ	9.3 UJ	12 UJ	110 UJ	120 UJ	9.3 UJ
SW8082	AROCOLOR-1221	ug/kg	11 UJ	11 UJ	9.3 UJ	12 UJ	110 UJ	120 UJ	9.3 UJ
SW8082	AROCOLOR-1232	ug/kg	11 UJ	11 UJ	9.3 UJ	12 UJ	110 UJ	120 UJ	9.3 UJ
SW8082	AROCOLOR-1242	ug/kg	11 UJ	11 UJ	9.3 UJ	12 UJ	110 UJ	120 UJ	9.3 UJ
SW8082	AROCOLOR-1248	ug/kg	11 UJ	11 UJ	9.3 UJ	12 UJ	390 J	1500 J	123 J
SW8082	AROCOLOR-1254	ug/kg	11 UJ	11 UJ	9.3 UJ	12 UJ	310 J	980 J	65.6 J
SW8082	AROCOLOR-1260	ug/kg	11 UJ	11 UJ	9.3 UJ	12 UJ	130 J	490 J	21.1 J
SW8082	AROCOLOR-1268	ug/kg	11 UJ	11 UJ	9.3 UJ	12 UJ	110 UJ	120 UJ	9.3 UJ
SW8082	PCBS, N.O.S.	ug/kg	11 UJ	11 UJ	9.3 UJ	12 UJ	840 J	2900 J	210 J
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	17 UJ	18 UJ	14 UJ	18 UJ	13 UJ	14 UJ	14 UJ
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	17 UJ	18 UJ	14 UJ	18 UJ	13 UJ	14 UJ	14 UJ
SW8260	1,2-DICHLOROBENZENE	ug/kg	17 UJ	18 UJ	14 UJ	18 UJ	13 UJ	9 J	14 UJ
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	17 UJ	18 UJ	14 UJ	18 UJ	13 UJ	8 J	14 UJ
SW8260	1,3-DICHLOROBENZENE	ug/kg	17 UJ	18 UJ	14 UJ	18 UJ	5 J	61 J	4.9 J
SW8260	1,4-DICHLOROBENZENE	ug/kg	17 UJ	18 UJ	14 UJ	18 UJ	14 J	96 J	9.6 J
SW8260	BENZENE	ug/kg	7.4 J	9.6 J	6.4 J	8.2 J	13 UJ	2 J	2.9 UJ
SW8260	CHLOROBENZENE	ug/kg	17 UJ	18 UJ	14 UJ	18 UJ	8 J	45 J	6.5 J
SW8260	ETHYLBENZENE	ug/kg	3.3 UJ	3.6 UJ	2.7 UJ	3.6 UJ	13 UJ	14 UJ	2.9 UJ
SW8260	NAPHTHALENE	ug/kg	7 J	9.3 J	9.5 J	16.9 J	13 UJ	4 J	11 J
SW8260	O-XYLENE	ug/kg	3.3 UJ	3.6 UJ	2.7 UJ	3.6 UJ	13 UJ	9 J	2.9 UJ
SW8260	TOLUENE	ug/kg	3.2 J	4.4 J	3.4 J	4.8 J	13 UJ	14 UJ	2.9 UJ
SW8260	XYLEMES, M & P	ug/kg	6.6 UJ	7.2 UJ	5.4 UJ	7.1 UJ	13 UJ	12 J	5.7 UJ
SW8260	XYLEMES, TOTAL	ug/kg	6.6 UJ	7.2 UJ	5.4 UJ	7.1 UJ	13 UJ	21 J	5.7 UJ
SW8270	ACENAPHTHENE	ug/kg	19 UJ	20 UJ	16 UJ	20 UJ	40 J	200 J	29.9 J
SW8270	ACENAPHTHYLENE	ug/kg	19 UJ	20 UJ	27.2 J	20 UJ	37 J	67 J	62.2 J
SW8270	ANTHRACENE	ug/kg	19 UJ	20 UJ	33.2 J	20 UJ	74 J	170 J	99.2 J
SW8270	BENZO(A)ANTHRACENE	ug/kg	26.7 J	37.3 J	87.4 J	26.9 J	370 J	590 J	157 J
SW8270	BENZO(A)PYRENE	ug/kg	19 UJ	26.5 J	72.8 J	15.6 J	440 J	580 J	114 J
SW8270	BENZO(B)FLUORANTHENE	ug/kg	19 UJ	56.7 J	128 J	25.6 J	750 J	950 J	124 J
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	19 UJ	24.1 J	58.2 J	20 UJ	260 J	340 J	95.1 J
SW8270	BENZO(K)FLUORANTHENE	ug/kg	19 UJ	9.25 J	38.1 J	9.79 J	230 J	270 J	112 J
SW8270	CHRYSENE	ug/kg	17.9 J	32.9 J	94.7 J	20.6 J	490 J	820 J	217 J
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	19 UJ	20 UJ	30.3 J	20 UJ	56 J	91 J	34.3 J
SW8270	FLUORANTHENE	ug/kg	63.4 J	90.9 J	151 J	60.1 J	840 J	1400 J	380 J
SW8270	FLUORENE	ug/kg	19 UJ	34.8 J	35.9 J	13.8 J	56 J	200 J	391 J
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	19 UJ	24.1 J	65.8 J	20 UJ	260 J	320 J	85.3 J
SW8270	PHENANTHRENE	ug/kg	26.8 J	48.7 J	106 J	45.8 J	310 J	760 J	255 J
SW8270	PHENOL	ug/kg	6250 J	6950 J	5110 J	5430 J	170 UJ	190 UJ	80 UJ
SW8270	PYRENE	ug/kg	55 J	87 J	197 J	47.5 J	930 J	1600 J	389 J
SW9045	pH	S.U.	10.86 J	11.01 J	11.25 J	11.42 J	8.1 J	8.23 J	8.37 J

TABLE 3
SUMMARY OF VIBRACORE SEDIMENT ANALYTICAL RESULTS

		Location	OL-VC-30107	OL-VC-30107	OL-VC-30107	OL-VC-30107
	Sample Depth	1.0-2.0 Ft	1.0-2.0 Ft	2.0-3.0 Ft	3.0-4.0 Ft	
	Field Sample ID	OL-0839-02	OL-0839-03	OL-0839-04	OL-0839-05	
	Sample Date	7/23/2009	7/23/2009	7/23/2009	7/23/2009	
	Sample Delivery Group	JA23889	JA23889	JA23889	JA23889	
	Matrix	SOIL	SOIL	SOIL	SOIL	
	Sample Purpose	Regular sample	Field duplicate	Regular sample	Regular sample	
	Sample Type	Sediment	Sediment	Sediment	Sediment	
Method	Parameter Name	Units				
ASTM D4643-00	SOLIDS, PERCENT	%				
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	24200 J	26000 J	14300 J	3800 J
SM2540G	PERCENT MOISTURE	%				
SM2540G	SOLIDS, PERCENT	%	39.4	37.1	34.9	29.1
SW7471	MERCURY	mg/kg	10.8 J	4.2 J	0.55 J	0.043 UJ
SW8082	AROCLOR-1016	ug/kg	8.4 UJ	8.9 UJ	9.4 UJ	11 UJ
SW8082	AROCLOR-1221	ug/kg	8.4 UJ	8.9 UJ	9.4 UJ	11 UJ
SW8082	AROCLOR-1232	ug/kg	8.4 UJ	8.9 UJ	9.4 UJ	11 UJ
SW8082	AROCLOR-1242	ug/kg	8.4 UJ	8.9 UJ	9.4 UJ	11 UJ
SW8082	AROCLOR-1248	ug/kg	30.2 J	116 J	9.4 UJ	11 UJ
SW8082	AROCLOR-1254	ug/kg	46.4 J	111 J	9.4 UJ	11 UJ
SW8082	AROCLOR-1260	ug/kg	21.5 J	49.6 J	9.4 UJ	11 UJ
SW8082	AROCLOR-1268	ug/kg	8.4 UJ	8.9 UJ	9.4 UJ	11 UJ
SW8082	PCBS, N.O.S.	ug/kg	98 J	277 J	9.4 UJ	11 UJ
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	12 UJ	13 UJ	15 UJ	17 UJ
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	12 UJ	13 UJ	15 UJ	17 UJ
SW8260	1,2-DICHLOROBENZENE	ug/kg	12 UJ	13 UJ	15 UJ	17 UJ
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	12 UJ	13 UJ	15 UJ	17 UJ
SW8260	1,3-DICHLOROBENZENE	ug/kg	12 UJ	13 UJ	15 UJ	17 UJ
SW8260	1,4-DICHLOROBENZENE	ug/kg	12 UJ	13 UJ	15 UJ	17 UJ
SW8260	BENZENE	ug/kg	4.7 J	4.7 J	9.2 J	9.3 J
SW8260	CHLOROBENZENE	ug/kg	12 UJ	13 UJ	15 UJ	17 UJ
SW8260	ETHYLBENZENE	ug/kg	2.4 UJ	2.7 UJ	3 UJ	3.4 UJ
SW8260	NAPHTHALENE	ug/kg	4.1 J	13 UJ	5.7 J	8.3 J
SW8260	O-XYLENE	ug/kg	2.4 UJ	1.7 J	3 UJ	3.4 UJ
SW8260	TOLUENE	ug/kg	2.4 UJ	2.7 UJ	3.2 J	3.9 J
SW8260	XYLEMES, M & P	ug/kg	4.7 UJ	5.4 UJ	6 UJ	6.7 UJ
SW8260	XYLEMES, TOTAL	ug/kg	4.7 UJ	1.7 J	6 U	6.7 UJ
SW8270	ACENAPHTHENE	ug/kg	14 UJ	15 UJ	16 UJ	20 UJ
SW8270	ACENAPHTHYLENE	ug/kg	38.8 J	45.6 J	16 UJ	20 UJ
SW8270	ANTHRACENE	ug/kg	52.7 J	63.3 J	15.8 J	20 UJ
SW8270	BENZO(A)ANTHRACENE	ug/kg	106 J	123 J	38.3 J	34.6 J
SW8270	BENZO(A)PYRENE	ug/kg	88.9 J	108 J	25.8 J	15.7 J
SW8270	BENZO(B)FLUORANTHENE	ug/kg	213 J	270 J	55.9 J	28.4 J
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	64 J	72.7 J	25.8 J	15.9 J
SW8270	BENZO(K)FLUORANTHENE	ug/kg	19.8 J	26.5 J	18.1 J	13.1 J
SW8270	CHRYSENE	ug/kg	116 J	107 J	35.2 J	16.6 J
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	19.7 J	22.6 J	14.6 J	20 UJ
SW8270	FLUORANTHENE	ug/kg	207 J	249 J	88 J	57.3 J
SW8270	FLUORENE	ug/kg	82.3 J	101 J	17.7 J	15.2 J
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	63.8 J	74.3 J	24.1 J	17.5 J
SW8270	PHENANTHRENE	ug/kg	124 J	147 J	43.4 J	34.3 J
SW8270	PHENOL	ug/kg	737 J	946 J	5040 J	11500 J
SW8270	PYRENE	ug/kg	279 J	333 J	98.5 J	65 J
SW9045	pH	S.U.	9.68 J	9.04 J	10.71 J	11.14 J

TABLE 3
SUMMARY OF VIBRACORE SEDIMENT ANALYTICAL RESULTS

		Location	OL-VC-30107	OL-VC-30107	OL-VC-30108	OL-VC-30108	OL-VC-30108	OL-VC-30108	OL-VC-30108	OL-VC-30108
	Sample Depth	4.0-5.0 Ft	5.0-6.0 Ft	0-1 Ft	1-2 Ft	2-3 Ft	2-3 Ft	2-3 Ft	3-4 Ft	
	Field Sample ID	OL-0839-06	OL-0839-07	OL-0860-07	OL-0860-08	OL-0860-09	OL-0860-10	OL-0860-11		
	Sample Date	7/23/2009	7/23/2009	8/3/2009	8/3/2009	8/3/2009	8/3/2009	8/3/2009		
	Sample Delivery Group	JA23889	JA23889	JA24640	JA24640	JA24640	JA24640	JA24640		
	Matrix	SOIL	SOIL							
	Sample Purpose	Regular sample	Field duplicate	Regular sample						
	Sample Type	Sediment	Sediment							
Method	Parameter Name	Units								
ASTM D4643-00	SOLIDS, PERCENT	%								
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	6660 J	8260 J	3510 J	3490 J	1810 J	5360 J	5510 J	
SM2540G	PERCENT MOISTURE	%								
SM2540G	SOLIDS, PERCENT	%	28.1	34.6	25.8	25.7	23.7	27.2	29.5	
SW7471	MERCURY	mg/kg	0.039 UJ	0.11 J	0.114 J	0.077 J	0.16 J	0.091 J	0.043 UJ	
SW8082	AROCLOR-1016	ug/kg	12 UJ	9.6 UJ	13 UJ	13 UJ	14 UJ	12 UJ	11 UJ	
SW8082	AROCLOR-1221	ug/kg	12 UJ	9.6 UJ	13 UJ	13 UJ	14 UJ	12 UJ	11 UJ	
SW8082	AROCLOR-1232	ug/kg	12 UJ	9.6 UJ	13 UJ	13 UJ	14 UJ	12 UJ	11 UJ	
SW8082	AROCLOR-1242	ug/kg	12 UJ	9.6 UJ	13 UJ	13 UJ	14 UJ	12 UJ	11 UJ	
SW8082	AROCLOR-1248	ug/kg	12 UJ	9.6 UJ	13 UJ	13 UJ	14 UJ	12 UJ	11 UJ	
SW8082	AROCLOR-1254	ug/kg	12 UJ	9.6 UJ	13 UJ	13 UJ	14 UJ	12 UJ	11 UJ	
SW8082	AROCLOR-1260	ug/kg	12 UJ	9.6 UJ	13 UJ	13 UJ	14 UJ	12 UJ	11 UJ	
SW8082	AROCLOR-1268	ug/kg	12 UJ	9.6 UJ	13 UJ	13 UJ	14 UJ	12 UJ	11 UJ	
SW8082	PCBS, N.O.S.	ug/kg	12 UJ	9.6 UJ	13 UJ	13 UJ	14 UJ	12 UJ	11 UJ	
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	19 UJ	15 UJ	20 UJ	19 UJ	22 UJ	18 UJ	17 UJ	
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	19 UJ	15 UJ	20 UJ	19 UJ	22 UJ	18 UJ	2.2 J	
SW8260	1,2-DICHLOROBENZENE	ug/kg	19 UJ	15 UJ	20 UJ	19 UJ	22 UJ	18 UJ	1.4 J	
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	19 UJ	15 UJ	20 UJ	19 UJ	22 UJ	18 UJ	2.1 J	
SW8260	1,3-DICHLOROBENZENE	ug/kg	19 UJ	15 UJ	20 UJ	19 UJ	22 UJ	18 UJ	17 UJ	
SW8260	1,4-DICHLOROBENZENE	ug/kg	19 UJ	15 UJ	20 UJ	19 UJ	22 UJ	1.4 J	2.1 J	
SW8260	BENZENE	ug/kg	12.7 J	7.8 J	38.9 J	85.9 J	111 J	98.6 J	109 J	
SW8260	CHLOROBENZENE	ug/kg	19 UJ	15 UJ	20 UJ	19 UJ	22 UJ	18 UJ	1.6 J	
SW8260	ETHYLBENZENE	ug/kg	3.8 UJ	3.1 UJ	4 UJ	3.7 UJ	4.4 UJ	3.7 UJ	1.6 J	
SW8260	NAPHTHALENE	ug/kg	19 J	12.6 J	42.9 J	45.7 J	58.1 J	60.3 J	69.6 J	
SW8260	O-XYLENE	ug/kg	2.5 J	1.8 J	3.4 J	5.2 J	5.8 J	5.8 J	6.8 J	
SW8260	TOLUENE	ug/kg	7.9 J	4.9 J	9.7 J	16.9 J	18 J	16.6 J	15.6 J	
SW8260	XYLENES, M & P	ug/kg	3.6 J	6.1 UJ	7.9 J	11.3 J	11.4 J	11.1 J	12.1 J	
SW8260	XYLENES, TOTAL	ug/kg	6.1 J	1.8 J	11.3 J	16.5 J	17.2 J	16.9 J	18.9 J	
SW8270	ACENAPHTHENE	ug/kg	20 UJ	16 UJ	11 UJ	11 UJ	12 UJ	10 UJ	9.5 UJ	
SW8270	ACENAPHTHYLENE	ug/kg	20 UJ	16 UJ	11 UJ	11 UJ	12 UJ	10 UJ	9.5 UJ	
SW8270	ANTHRACENE	ug/kg	20 UJ	14.7 J	11 UJ	11 UJ	12 UJ	10 UJ	9.5 UJ	
SW8270	BENZO(A)ANTHRACENE	ug/kg	23.1 J	43.1 J	11 UJ	11 UJ	12 UJ	10 UJ	9.5 UJ	
SW8270	BENZO(A)PYRENE	ug/kg	12.1 J	24.4 J	11 UJ	11 UJ	12 UJ	10 UJ	9.5 UJ	
SW8270	BENZO(B)FLUORANTHENE	ug/kg	16.9 J	53 J	11 UJ	11 UJ	12 UJ	10 UJ	9.5 UJ	
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	13.8 J	27.4 J	11 UJ	11 UJ	12 UJ	10 UJ	9.5 UJ	
SW8270	BENZO(K)FLUORANTHENE	ug/kg	9.58 J	14.5 J	11 UJ	11 UJ	12 UJ	10 UJ	9.5 UJ	
SW8270	CHRYSENE	ug/kg	14.4 J	35.4 J	11 UJ	11 UJ	12 UJ	10 UJ	9.5 UJ	
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	20 UJ	16 UJ	11 UJ	11 UJ	12 UJ	10 UJ	9.5 UJ	
SW8270	FLUORANTHENE	ug/kg	36 J	109 J	46.4 J	31.8 J	16.6 J	15.2 J	25 J	
SW8270	FLUORENE	ug/kg	20 UJ	54.6 J	11 UJ	11 UJ	12 UJ	10 UJ	9.5 UJ	
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	15.5 J	28.3 J	11 UJ	11 UJ	12 UJ	10 UJ	9.5 UJ	
SW8270	PHENANTHRENE	ug/kg	30.8 J	70.3 J	63.2 J	31.6 J	18.6 J	16.2 J	23.4 J	
SW8270	PHENOL	ug/kg	12100 J	7980 J	1010 J	855 J	803 J	679 J	703 J	
SW8270	PYRENE	ug/kg	41.6 J	107 J	52 J	30.6 J	14.2 J	12.9 J	24.3 J	
SW9045	pH	S.U.	11.37 J	9.97 J	11.74 J	11.84 J	11.93 J	11.92 J	11.96 J	

TABLE 3
SUMMARY OF VIBRACORE SEDIMENT ANALYTICAL RESULTS

		Location	OL-VC-30108	OL-VC-30108	OL-VC-30108	OL-VC-30108
Method	Parameter Name	Units				
ASTM D4643-00	SOLIDS, PERCENT	%				
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	3840 J	1790 J	9650 J	6940 J
SM2540G	PERCENT MOISTURE	%				
SM2540G	SOLIDS, PERCENT	%	27.8	30.6	33.8	31.7
SW7471	MERCURY	mg/kg	0.08 J	0.076 J	0.059 J	0.056 J
SW8082	AROCLOR-1016	ug/kg	12 UJ	11 UJ	9.7 UJ	10 UJ
SW8082	AROCLOR-1221	ug/kg	12 UJ	11 UJ	9.7 UJ	10 UJ
SW8082	AROCLOR-1232	ug/kg	12 UJ	11 UJ	9.7 UJ	10 UJ
SW8082	AROCLOR-1242	ug/kg	12 UJ	11 UJ	9.7 UJ	10 UJ
SW8082	AROCLOR-1248	ug/kg	12 UJ	11 UJ	9.7 UJ	10 UJ
SW8082	AROCLOR-1254	ug/kg	12 UJ	11 UJ	9.7 UJ	10 UJ
SW8082	AROCLOR-1260	ug/kg	12 UJ	11 UJ	9.7 UJ	10 UJ
SW8082	AROCLOR-1268	ug/kg	12 UJ	11 UJ	9.7 UJ	10 UJ
SW8082	PCBS, N.O.S.	ug/kg	12 UJ	11 UJ	9.7 UJ	10 UJ
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	19 UJ	18 UJ	16 UJ	17 UJ
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	19 UJ	18 UJ	16 UJ	17 UJ
SW8260	1,2-DICHLOROBENZENE	ug/kg	19 UJ	18 UJ	16 UJ	17 UJ
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	19 UJ	18 UJ	16 UJ	17 UJ
SW8260	1,3-DICHLOROBENZENE	ug/kg	19 UJ	18 UJ	16 UJ	17 UJ
SW8260	1,4-DICHLOROBENZENE	ug/kg	1.6 J	18 UJ	16 UJ	1.3 J
SW8260	BENZENE	ug/kg	174 J	105 J	108 J	170 J
SW8260	CHLOROBENZENE	ug/kg	1.4 J	18 UJ	16 UJ	17 UJ
SW8260	ETHYLBENZENE	ug/kg	1.9 J	3.6 UJ	3.2 UJ	3.4 UJ
SW8260	NAPHTHALENE	ug/kg	83.5 J	43.9 J	38 J	60.3 J
SW8260	O-XYLENE	ug/kg	9.8 J	3.9 J	3.6 J	6 J
SW8260	TOLUENE	ug/kg	20.9 J	9.4 J	8 J	12.2 J
SW8260	XYLENES, M & P	ug/kg	21.3 J	6.2 J	5.8 J	9.9 J
SW8260	XYLENES, TOTAL	ug/kg	31.1 J	10.1 J	9.4 J	15.9 J
SW8270	ACENAPHTHENE	ug/kg	10 UJ	9.3 UJ	8.4 UJ	8.9 UJ
SW8270	ACENAPHTHYLENE	ug/kg	10 UJ	9.3 UJ	8.4 UJ	8.9 UJ
SW8270	ANTHRACENE	ug/kg	10 UJ	9.3 UJ	8.4 UJ	23.3 J
SW8270	BENZO(A)ANTHRACENE	ug/kg	21.4 J	9.3 UJ	8.4 UJ	40.2 J
SW8270	BENZO(A)PYRENE	ug/kg	25.4 J	9.3 UJ	8.4 UJ	28.1 J
SW8270	BENZO(B)FLUORANTHENE	ug/kg	39.9 J	9.3 UJ	8.4 UJ	46.6 J
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	17.7 J	9.3 UJ	8.4 UJ	22.5 J
SW8270	BENZO(K)FLUORANTHENE	ug/kg	17.2 J	9.3 UJ	8.4 UJ	24.8 J
SW8270	CHRYSENE	ug/kg	21.4 J	9.3 UJ	8.4 UJ	29.5 J
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	10 UJ	9.3 UJ	8.4 UJ	8.9 UJ
SW8270	FLUORANTHENE	ug/kg	61.3 J	28.3 J	21.8 J	128 J
SW8270	FLUORENE	ug/kg	10 UJ	9.3 UJ	8.4 UJ	8.9 UJ
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	14.8 J	9.3 UJ	8.4 UJ	20.9 J
SW8270	PHENANTHRENE	ug/kg	36.3 J	25.3 J	25.9 J	94.8 J
SW8270	PHENOL	ug/kg	592 J	664 J	676 J	574 J
SW8270	PYRENE	ug/kg	52.6 J	21.8 J	15.6 J	105 J
SW9045	pH	S.U.	11.93 J	11.99 J	11.99 J	11.96 J

TABLE 3
SUMMARY OF VIBRACORE SEDIMENT ANALYTICAL RESULTS

		Location	OL-VC-30109	OL-VC-30109	OL-VC-30109	OL-VC-30109	OL-VC-30109	OL-VC-30109	OL-VC-30109	OL-VC-30109
	Sample Depth		0-1 Ft	1-2 Ft	2-3 Ft	2-3 Ft	3-4 Ft	4-5 Ft	5-6 Ft	
	Field Sample ID		OL-0865-01	OL-0865-02	OL-0865-03	OL-0865-04	OL-0865-05	OL-0865-06	OL-0865-07	
	Sample Date		8/5/2009	8/5/2009	8/5/2009	8/5/2009	8/5/2009	8/5/2009	8/5/2009	
	Sample Delivery Group		JA24914	JA24914	JA24914	JA24914	JA24914	JA24914	JA24914	
	Matrix		SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	
	Sample Purpose		Regular sample	Regular sample	Regular sample	Field duplicate	Regular sample	Regular sample	Regular sample	
	Sample Type		Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	
Method	Parameter Name	Units								
ASTM D4643-00	SOLIDS, PERCENT	%								
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	12500 J	5760 J	1680 J	1960 J	1300 J	2480 J	2580 J	
SM2540G	PERCENT MOISTURE	%								
SM2540G	SOLIDS, PERCENT	%	40.6	19.6	29.5	26.9	33.1	26.2	24.3	
SW7471	MERCURY	mg/kg	0.14 J	0.058 UJ	0.064 J	0.044 UJ	0.14 J	0.18 J	0.18 J	
SW8082	AROCLOR-1016	ug/kg	8.2 UJ	17 UJ	11 UJ	12 UJ	10 UJ	13 UJ	14 UJ	
SW8082	AROCLOR-1221	ug/kg	8.2 UJ	17 UJ	11 UJ	12 UJ	10 UJ	13 UJ	14 UJ	
SW8082	AROCLOR-1232	ug/kg	8.2 UJ	17 UJ	11 UJ	12 UJ	10 UJ	13 UJ	14 UJ	
SW8082	AROCLOR-1242	ug/kg	8.2 UJ	17 UJ	11 UJ	12 UJ	10 UJ	13 UJ	14 UJ	
SW8082	AROCLOR-1248	ug/kg	8.2 UJ	17 UJ	11 UJ	12 UJ	10 UJ	13 UJ	14 UJ	
SW8082	AROCLOR-1254	ug/kg	8.2 UJ	17 UJ	11 UJ	12 UJ	10 UJ	13 UJ	14 UJ	
SW8082	AROCLOR-1260	ug/kg	8.2 UJ	17 UJ	11 UJ	12 UJ	10 UJ	13 UJ	14 UJ	
SW8082	AROCLOR-1268	ug/kg	8.2 UJ	17 UJ	11 UJ	12 UJ	10 UJ	13 UJ	14 UJ	
SW8082	PCBS, N.O.S.	ug/kg	8.2 UJ	17 UJ	11 UJ	12 UJ	10 UJ	13 UJ	14 UJ	
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	13 UJ	25 UJ	15 UJ	19 UJ	16 UJ	19 UJ	23 UJ	
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	13 UJ	25 UJ	15 UJ	19 UJ	16 UJ	19 UJ	23 UJ	
SW8260	1,2-DICHLOROBENZENE	ug/kg	1.2 J	25 UJ	0.96 J	19 UJ	16 UJ	1.5 J	23 UJ	
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	13 UJ	25 UJ	15 UJ	19 UJ	16 UJ	19 UJ	23 UJ	
SW8260	1,3-DICHLOROBENZENE	ug/kg	13 UJ	25 UJ	15 UJ	19 UJ	16 UJ	19 UJ	23 UJ	
SW8260	1,4-DICHLOROBENZENE	ug/kg	13 UJ	25 UJ	15 UJ	19 UJ	16 UJ	19 UJ	23 UJ	
SW8260	BENZENE	ug/kg	38.3 J	70.4 J	39.4 J	43.6 J	28.9 J	40.5 J	32.5 J	
SW8260	CHLOROBENZENE	ug/kg	13 UJ	25 UJ	1.4 J	1.5 J	1.3 J	1.9 J	1.9 J	
SW8260	ETHYLBENZENE	ug/kg		2.5 J	3.1 J	1.7 J	1.7 J	1.4 J	2.3 J	4.6 J
SW8260	NAPHTHALENE	ug/kg	86.9 J	116 J	67 J	73.5 J	61.7 J	96.1 J	70.1 J	
SW8260	O-XYLENE	ug/kg	9.9 J	10.1 J	5.5 J	6 J	4.3 J	7.4 J	6.1 J	
SW8260	TOLUENE	ug/kg	24 J	30 J	18.1 J	19.9 J	13.5 J	19.9 J	15.5 J	
SW8260	XYLENES, M & P	ug/kg	24.2 J	19.7 J	10.5 J	10.5 J	7.4 J	11.5 J	8.7 J	
SW8260	XYLENES, TOTAL	ug/kg	34.1 J	29.8 J	16 J	16.5 J	11.7 J	18.9 J	14.8 J	
SW8270	ACENAPHTHENE	ug/kg	24.1 J	36.7 J	24.5 J	22.2 J	16.2 J	17.8 J	12 UJ	
SW8270	ACENAPHTHYLENE	ug/kg	58 J	15 UJ	9.7 UJ	11 UJ	11.4 J	11 UJ	12 UJ	
SW8270	ANTHRACENE	ug/kg	65.2 J	27.9 J	61.4 J	44.5 J	79.4 J	35.4 J	29.5 J	
SW8270	BENZO(A)ANTHRACENE	ug/kg	137 J	15 UJ	11.2 J	11 UJ	38.8 J	33.2 J	26.6 J	
SW8270	BENZO(A)PYRENE	ug/kg	78.3 J	15 UJ	9.7 UJ	11 UJ	11.6 J	15.6 J	12.9 J	
SW8270	BENZO(B)FLUORANTHENE	ug/kg	134 J	15 UJ	9.7 UJ	11 UJ	17.8 J	25.3 J	19.7 J	
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	64.2 J	15 UJ	9.7 UJ	11 UJ	8.6 UJ	11 UJ	12 UJ	
SW8270	BENZO(K)FLUORANTHENE	ug/kg	54.9 J	15 UJ	9.7 UJ	11 UJ	6.66 J	9.84 J	7.5 J	
SW8270	CHRYSENE	ug/kg	78 J	15 UJ	9.06 J	11 UJ	32 J	24.2 J	16.2 J	
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	16.1 J	15 UJ	9.7 UJ	11 UJ	8.6 UJ	11 UJ	12 UJ	
SW8270	FLUORANTHENE	ug/kg	220 J	61.9 J	76.3 J	40.5 J	135 J	105 J	89.8 J	
SW8270	FLUORENE	ug/kg	260 J	65.2 J	15.6 J	21 J	8.6 UJ	11 UJ	12 UJ	
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	53.7 J	15 UJ	9.7 UJ	11 UJ	8.6 UJ	11 UJ	12 UJ	
SW8270	PHENANTHRENE	ug/kg	300 J	206 J	341 J	234 J	323 J	153 J	88.2 J	
SW8270	PHENOL	ug/kg	1510 J	2900 J	1040 J	1290 J	778 J	1060 J	1390 J	
SW8270	PYRENE	ug/kg	328 J	61.3 J	91 J	45.1 J	178 J	121 J	107 J	
SW9045	pH	S.U.	11.73 J	12.13 J	12.14 J	12.11 J	12.14 J	12.08 J	11.93 J	

TABLE 3
SUMMARY OF VIBRACORE SEDIMENT ANALYTICAL RESULTS

		Location	OL-VC-30109	OL-VC-30109	OL-VC-30110	OL-VC-30110
Method	Parameter Name	Units				
ASTM D4643-00	SOLIDS, PERCENT	%				
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	2640 J	5950 J	3480 J	11000 J
SM2540G	PERCENT MOISTURE	%				
SM2540G	SOLIDS, PERCENT	%	35.3	28.8	30	26.5
SW7471	MERCURY	mg/kg	0.086 J	0.13 J	0.098 J	0.13 J
SW8082	AROCLOR-1016	ug/kg	9.4 UJ	11 UJ	11 UJ	13 UJ
SW8082	AROCLOR-1221	ug/kg	9.4 UJ	11 UJ	11 UJ	13 UJ
SW8082	AROCLOR-1232	ug/kg	9.4 UJ	11 UJ	11 UJ	13 UJ
SW8082	AROCLOR-1242	ug/kg	9.4 UJ	11 UJ	11 UJ	13 UJ
SW8082	AROCLOR-1248	ug/kg	9.4 UJ	11 UJ	11 UJ	13 UJ
SW8082	AROCLOR-1254	ug/kg	9.4 UJ	11 UJ	11 UJ	13 UJ
SW8082	AROCLOR-1260	ug/kg	9.4 UJ	11 UJ	11 UJ	13 UJ
SW8082	AROCLOR-1268	ug/kg	9.4 UJ	11 UJ	11 UJ	13 UJ
SW8082	PCBS, N.O.S.	ug/kg	9.4 UJ	11 UJ	11 UJ	13 UJ
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	14 UJ	17 UJ	42 UJ	1500 UJ
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	14 UJ	17 UJ	42 UJ	1500 UJ
SW8260	1,2-DICHLOROBENZENE	ug/kg	14 UJ	1.6 J	42 UJ	1500 UJ
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	14 UJ	17 UJ	42 UJ	1500 UJ
SW8260	1,3-DICHLOROBENZENE	ug/kg	14 UJ	17 UJ	42 UJ	1500 UJ
SW8260	1,4-DICHLOROBENZENE	ug/kg	1.7 J	1.9 J	42 UJ	1500 UJ
SW8260	BENZENE	ug/kg	30 J	45.6 J	4540 J	8010 J
SW8260	CHLOROBENZENE	ug/kg	14 UJ	2.7 J	42 UJ	1500 UJ
SW8260	ETHYLBENZENE	ug/kg	1.9 J	2 J	5.6 J	310 UJ
SW8260	NAPHTHALENE	ug/kg	96.6 J	112 J	176 J	1500 UJ
SW8260	O-XYLENE	ug/kg	7.9 J	11.5 J	34.8 J	310 UJ
SW8260	TOLUENE	ug/kg	14.4 J	17.4 J	518 J	2010 J
SW8260	XYLENES, M & P	ug/kg	11.9 J	15.2 J	83.5 J	165 J
SW8260	XYLENES, TOTAL	ug/kg	19.8 J	26.7 J	118 J	165 J
SW8270	ACENAPHTHENE	ug/kg	8.1 UJ	9.9 UJ	9.5 UJ	11 UJ
SW8270	ACENAPHTHYLENE	ug/kg	8.1 UJ	9.9 UJ	9.5 UJ	14.4 J
SW8270	ANTHRACENE	ug/kg	14.6 J	9.9 UJ	23.5 J	62.6 J
SW8270	BENZO(A)ANTHRACENE	ug/kg	39.6 J	9.9 UJ	29.8 J	83.8 J
SW8270	BENZO(A)PYRENE	ug/kg	21.1 J	9.9 UJ	17.8 J	54.9 J
SW8270	BENZO(B)FLUORANTHENE	ug/kg	47.7 J	9.9 UJ	31.4 J	95.8 J
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	14.5 J	9.9 UJ	9.5 UJ	33.4 J
SW8270	BENZO(K)FLUORANTHENE	ug/kg	12.1 J	9.9 UJ	8.82 J	32.9 J
SW8270	CHRYSENE	ug/kg	21.9 J	9.9 UJ	21.3 J	58.3 J
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	8.1 UJ	9.9 UJ	9.5 UJ	11 UJ
SW8270	FLUORANTHENE	ug/kg	94.2 J	34.9 J	97.9 J	212 J
SW8270	FLUORENE	ug/kg	8.1 UJ	9.9 UJ	22.5 J	41.1 J
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	11.1 J	9.9 UJ	9.5 UJ	30 J
SW8270	PHENANTHRENE	ug/kg	80.4 J	32.5 J	117 J	242 J
SW8270	PHENOL	ug/kg	1130 J	1480 J	780 J	877 J
SW8270	PYRENE	ug/kg	114 J	38.3 J	80.7 J	197 J
SW9045	pH	S.U.	11.96 J	11.94 J	11.71 J	11.73 J

TABLE 3
SUMMARY OF VIBRACORE SEDIMENT ANALYTICAL RESULTS

		Location	OL-VC-30110							
	Sample Depth		2-3 Ft	3-4 Ft	4-5 Ft	5-6 Ft	6-7 Ft	7-8.2 Ft	0-1 Ft	
	Field Sample ID		OL-0863-18	OL-0863-19	OL-0863-20	OL-0864-01	OL-0864-02	OL-0864-03	OL-0871-14	
	Sample Date		8/4/2009	8/4/2009	8/4/2009	8/4/2009	8/4/2009	8/4/2009	8/4/2009	8/6/2009
	Sample Delivery Group		JA24770	JA24770	JA24770	JA24771	JA24771	JA24771	JA24771	JA25059
	Matrix		SOIL							
	Sample Purpose	Regular sample								
	Sample Type	Sediment								
Method	Parameter Name	Units								
ASTM D4643-00	SOLIDS, PERCENT	%				32.9	31	25.5		
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	11500 J	8360 J	5830 J	3840 J	2060 J	1870 J	7770 J	
SM2540G	PERCENT MOISTURE	%								
SM2540G	SOLIDS, PERCENT	%	20.8	37.5	34					45.2
SW7471	MERCURY	mg/kg	0.14 J	0.059 J	0.18 J	0.096 J	0.12 J	0.16 J	0.091 J	
SW8082	AROCLOR-1016	ug/kg	16 UJ	8.9 UJ	9.7 UJ	10 UJ	11 UJ	13 UJ	7.4 UJ	
SW8082	AROCLOR-1221	ug/kg	16 UJ	8.9 UJ	9.7 UJ	10 UJ	11 UJ	13 UJ	7.4 UJ	
SW8082	AROCLOR-1232	ug/kg	16 UJ	8.9 UJ	9.7 UJ	10 UJ	11 UJ	13 UJ	7.4 UJ	
SW8082	AROCLOR-1242	ug/kg	16 UJ	8.9 UJ	9.7 UJ	10 UJ	11 UJ	13 UJ	7.4 UJ	
SW8082	AROCLOR-1248	ug/kg	16 UJ	8.9 UJ	9.7 UJ	10 UJ	11 UJ	13 UJ	7.4 UJ	
SW8082	AROCLOR-1254	ug/kg	16 UJ	8.9 UJ	9.7 UJ	10 UJ	11 UJ	13 UJ	7.4 UJ	
SW8082	AROCLOR-1260	ug/kg	16 UJ	8.9 UJ	9.7 UJ	10 UJ	11 UJ	13 UJ	7.4 UJ	
SW8082	AROCLOR-1268	ug/kg	16 UJ	8.9 UJ	9.7 UJ	10 UJ	11 UJ	13 UJ	7.4 UJ	
SW8082	PCBS, N.O.S.	ug/kg	16 UJ	8.9 UJ	9.7 UJ	10 UJ	11 UJ	13 UJ	7.4 UJ	
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	2100 UJ	1000 UJ	1100 UJ	1300 UJ	1400 UJ	1700 UJ	11 UJ	
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	2100 UJ	1000 UJ	1100 UJ	1300 UJ	1400 UJ	1700 UJ	11 UJ	
SW8260	1,2-DICHLOROBENZENE	ug/kg	2100 UJ	1000 UJ	1100 UJ	1300 UJ	1400 UJ	1700 UJ	11 UJ	
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	2100 UJ	1000 UJ	1100 UJ	1300 UJ	1400 UJ	1700 UJ	11 UJ	
SW8260	1,3-DICHLOROBENZENE	ug/kg	2100 UJ	1000 UJ	1100 UJ	1300 UJ	1400 UJ	1700 UJ	11 UJ	
SW8260	1,4-DICHLOROBENZENE	ug/kg	2100 UJ	1000 UJ	1100 UJ	1300 UJ	1400 UJ	1700 UJ	11 UJ	
SW8260	BENZENE	ug/kg	15900 J	9910 J	14300 J	11800 J	11500 J	13300 J	1390 J	
SW8260	CHLOROBENZENE	ug/kg	2100 UJ	1000 UJ	1100 UJ	1300 UJ	1400 UJ	1700 UJ	11 UJ	
SW8260	ETHYLBENZENE	ug/kg	410 UJ	210 UJ	230 UJ	250 UJ	270 UJ	340 UJ	4.9 J	
SW8260	NAPHTHALENE	ug/kg	1800 J	1370 J	2820 J	1380 J	1320 J	1700 UJ	44.1 J	
SW8260	O-XYLENE	ug/kg	410 UJ	151 J	377 J	124 J	270 UJ	340 UJ	6.7 J	
SW8260	TOLUENE	ug/kg	3960 J	3280 J	6430 J	3250 J	2770 J	2290 J	49.7 J	
SW8260	XYLEMES, M & P	ug/kg	238 J	312 J	726 J	242 J	150 J	680 UJ	12.1 J	
SW8260	XYLEMES, TOTAL	ug/kg	238 J	463 J	1100 J	366 J	150 J	680 UJ	18.8 J	
SW8270	ACENAPHTHENE	ug/kg	28.8 J	51.7 J	132 J	8.7 UJ	9.2 UJ	11 UJ	6.3 UJ	
SW8270	ACENAPHTHYLENE	ug/kg	15 J	20.2 J	254 J	9.38 J	9.2 UJ	11 UJ	18.2 J	
SW8270	ANTHRACENE	ug/kg	46.1 J	55.5 J	377 J	12.6 J	9.2 UJ	11 UJ	23.2 J	
SW8270	BENZO(A)ANTHRACENE	ug/kg	45.3 J	54.9 J	501 J	27.1 J	9.2 UJ	24.4 J	48 J	
SW8270	BENZO(A)PYRENE	ug/kg	24.4 J	23.6 J	275 J	8.7 UJ	9.2 UJ	11 UJ	28.2 J	
SW8270	BENZO(B)FLUORANTHENE	ug/kg	45.2 J	56.5 J	365 J	8.7 UJ	9.2 UJ	11 UJ	58 J	
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	20.3 J	15.2 J	149 J	8.7 UJ	9.2 UJ	11 UJ	23.2 J	
SW8270	BENZO(K)FLUORANTHENE	ug/kg	16.2 J	12.1 J	88 J	8.7 UJ	9.2 UJ	11 UJ	19.2 J	
SW8270	CHRYSENE	ug/kg	46 J	46.8 J	389 J	12.7 J	9.2 UJ	7.8 J	58.1 J	
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	14 UJ	7.6 UJ	42.5 J	8.7 UJ	9.2 UJ	11 UJ	8.43 J	
SW8270	FLUORANTHENE	ug/kg	120 J	137 J	844 J	34.7 J	21.6 J	44.7 J	112 J	
SW8270	FLUORENE	ug/kg	115 J	138 J	327 J	11.8 J	9.2 UJ	11 UJ	32.6 J	
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	15.9 J	13 J	118 J	8.7 UJ	9.2 UJ	11 UJ	23.2 J	
SW8270	PHENANTHRENE	ug/kg	249 J	318 J	1210 J	56.7 J	21.7 J	45.6 J	75.8 J	
SW8270	PHENOL	ug/kg	1390 J	769 J	1060 J	918 J	827 J	1780 J	3730 J	
SW8270	PYRENE	ug/kg	155 J	166 J	1250 J	41.4 J	17.2 J	33.8 J	116 J	
SW9045	pH	S.U.	11.75 J	11.71 J	11.66 J	11.76 J	11.79 J	11.77 J	8.71 J	

TABLE 3
SUMMARY OF VIBRACORE SEDIMENT ANALYTICAL RESULTS

		Location	OL-VC-30111	OL-VC-30111	OL-VC-30111	OL-VC-30111
	Sample Depth		1-2 Ft	2-3 Ft	3-4 Ft	4-5 Ft
	Field Sample ID		OL-0871-15	OL-0871-16	OL-0871-17	OL-0871-18
	Sample Date		8/6/2009	8/6/2009	8/6/2009	8/6/2009
	Sample Delivery Group		JA25059	JA25059	JA25059	JA25059
	Matrix	SOIL	SOIL	SOIL	SOIL	SOIL
	Sample Purpose	Regular sample				
	Sample Type	Sediment	Sediment	Sediment	Sediment	Sediment
Method	Parameter Name	Units				
ASTM D4643-00	SOLIDS, PERCENT	%				
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	13800	9060	14300	18000
SM2540G	PERCENT MOISTURE	%				
SM2540G	SOLIDS, PERCENT	%	58.6	54.9	57.5	52.1
SW7471	MERCURY	mg/kg	0.019 U	0.016 U	0.018 U	0.021 U
SW8082	AROCLOR-1016	ug/kg	5.7 U	6 U	5.7 U	6.4 U
SW8082	AROCLOR-1221	ug/kg	5.7 U	6 U	5.7 U	6.4 U
SW8082	AROCLOR-1232	ug/kg	5.7 U	6 U	5.7 U	6.4 U
SW8082	AROCLOR-1242	ug/kg	5.7 U	6 U	5.7 U	6.4 U
SW8082	AROCLOR-1248	ug/kg	5.7 U	6 U	5.7 U	27.5
SW8082	AROCLOR-1254	ug/kg	5.7 U	6 U	5.7 U	38.3
SW8082	AROCLOR-1260	ug/kg	5.7 U	6 U	5.7 U	25
SW8082	AROCLOR-1268	ug/kg	5.7 U	6 U	5.7 U	6.4 U
SW8082	PCBS, N.O.S.	ug/kg	5.7 U	6 U	5.7 U	90.8
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	9.5 U	9.7 U	17 U	19 U
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	9.5 U	9.7 U	17 U	19 U
SW8260	1,2-DICHLOROBENZENE	ug/kg	9.5 U	9.7 U	17 U	19 U
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	9.5 UJ	9.7 U	17 U	19 U
SW8260	1,3-DICHLOROBENZENE	ug/kg	9.5 U	9.7 U	17 U	19 U
SW8260	1,4-DICHLOROBENZENE	ug/kg	9.5 U	9.7 U	17 U	19 U
SW8260	BENZENE	ug/kg	589	370	491	738
SW8260	CHLOROBENZENE	ug/kg	9.5 U	9.7 U	17 U	19 U
SW8260	ETHYLBENZENE	ug/kg	0.95 J	1.9 U	3.5 U	3.8 U
SW8260	NAPHTHALENE	ug/kg	9.5 U	9.7 U	17 U	19 U
SW8260	O-XYLENE	ug/kg	1 J	1.9 U	3.5 U	3.8 U
SW8260	TOLUENE	ug/kg	13.4	4.3	2.9 J	1.4 J
SW8260	XYLEMES, M & P	ug/kg	1.3 J	3.9 U	7 U	7.7 U
SW8260	XYLEMES, TOTAL	ug/kg	2.3 J	3.9 U	7 U	7.7 U
SW8270	ACENAPHTHENE	ug/kg	4.9 U	5.2 U	4.9 U	5.4 U
SW8270	ACENAPHTHYLENE	ug/kg	12.3	5.2 U	4.9 U	5.4 U
SW8270	ANTHRACENE	ug/kg	14	5.2 U	4.9 U	5.4 U
SW8270	BENZO(A)ANTHRACENE	ug/kg	22.4	5.2 U	4.9 U	5.4 U
SW8270	BENZO(A)PYRENE	ug/kg	11.5	5.2 U	4.9 U	5.4 U
SW8270	BENZO(B)FLUORANTHENE	ug/kg	17.8	5.2 U	4.9 U	5.4 U
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	7.51	5.2 U	4.9 U	5.4 U
SW8270	BENZO(K)FLUORANTHENE	ug/kg	4.15 J	5.2 U	4.9 U	5.4 U
SW8270	CHRYSENE	ug/kg	16.9	5.2 U	4.9 U	5.4 U
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	4.9 U	5.2 U	4.9 U	5.4 U
SW8270	FLUORANTHENE	ug/kg	23.4	5.2 U	4.9 U	5.4 U
SW8270	FLUORENE	ug/kg	26.8	5.2 U	4.9 U	5.4 U
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	8.37	5.2 U	4.9 U	5.4 U
SW8270	PHENANTHRENE	ug/kg	17	5.2 U	4.9 U	5.4 U
SW8270	PHENOL	ug/kg	3140	4080	3680	5010
SW8270	PYRENE	ug/kg	33.9	5.2 U	4.9 U	5.4 U
SW9045	pH	S.U.	7.6	6.86	6.7	6.82

TABLE 3
SUMMARY OF VIBRACORE SEDIMENT ANALYTICAL RESULTS

		Location	OL-VC-30111	OL-VC-30111	OL-VC-30112	OL-VC-30112	OL-VC-30112	OL-VC-30112	OL-VC-30112
	Sample Depth	5-6 Ft	6-7.1 Ft	0-1 Ft	1-2 Ft	2-3 Ft	3-4 Ft	4-5 Ft	
	Field Sample ID	OL-0871-19	OL-0871-20	OL-0862-20	OL-0863-01	OL-0863-02	OL-0863-03	OL-0863-04	
	Sample Date	8/6/2009	8/6/2009	8/4/2009	8/4/2009	8/4/2009	8/4/2009	8/4/2009	
	Sample Delivery Group	JA25059	JA25059	JA24769	JA24770	JA24770	JA24770	JA24770	
	Matrix	SOIL							
	Sample Purpose	Regular sample							
	Sample Type	Sediment							
Method	Parameter Name	Units							
ASTM D4643-00	SOLIDS, PERCENT	%							
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	23200	11800	4520 J	8260	13800	46200	13900
SM2540G	PERCENT MOISTURE	%							
SM2540G	SOLIDS, PERCENT	%	53.9	52.3	39.9	56	53.3	61.7	55.3
SW7471	MERCURY	mg/kg	0.02 U	0.02 U	0.033 J	0.12	0.024 U	0.021 U	0.021 U
SW8082	AROCLOR-1016	ug/kg	6.1 U	6.4 U	8.3 UJ	6 U	6.2 U	5.4 U	6 U
SW8082	AROCLOR-1221	ug/kg	6.1 U	6.4 U	8.3 UJ	6 U	6.2 U	5.4 U	6 U
SW8082	AROCLOR-1232	ug/kg	6.1 U	6.4 U	8.3 UJ	6 U	6.2 U	5.4 U	6 U
SW8082	AROCLOR-1242	ug/kg	6.1 U	6.4 U	8.3 UJ	6 U	6.2 U	5.4 U	6 U
SW8082	AROCLOR-1248	ug/kg	6.1 U	6.4 U	8.3 UJ	6 U	6.2 U	5.4 U	6 U
SW8082	AROCLOR-1254	ug/kg	6.1 U	6.4 U	8.3 UJ	6 U	6.2 U	5.4 U	6 U
SW8082	AROCLOR-1260	ug/kg	6.1 U	6.4 U	8.3 UJ	6 U	6.2 U	5.4 U	6 U
SW8082	AROCLOR-1268	ug/kg	6.1 U	6.4 U	8.3 UJ	6 U	6.2 U	5.4 U	6 U
SW8082	PCBS, N.O.S.	ug/kg	6.1 U	6.4 U	8.3 UJ	6 U	6.2 U	5.4 U	6 U
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	650 U	670 U	13 UJ	41 U	21 U	18 U	15 U
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	650 U	670 U	13 UJ	41 U	21 U	18 U	15 U
SW8260	1,2-DICHLOROBENZENE	ug/kg	650 U	670 U	13 UJ	41 U	21 U	18 U	15 U
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	650 U	670 U	13 UJ	41 U	21 U	18 U	15 U
SW8260	1,3-DICHLOROBENZENE	ug/kg	650 U	670 U	13 UJ	41 U	21 U	18 U	15 U
SW8260	1,4-DICHLOROBENZENE	ug/kg	650 U	670 U	13 UJ	41 U	21 U	18 U	15 U
SW8260	BENZENE	ug/kg	3450	5310	3170 J	6460	2370	2470	2860
SW8260	CHLOROBENZENE	ug/kg	650 U	670 U	13 UJ	41 U	21 U	18 U	15 U
SW8260	ETHYLBENZENE	ug/kg	130 U	130 U	18.5 J	23	5	1.6 J	1.9 J
SW8260	NAPHTHALENE	ug/kg	650 U	670 U	1700 J	524	79	12.5 J	15 U
SW8260	O-XYLENE	ug/kg	130 U	130 U	86.8 J	101	20.9	3.1 J	4.4
SW8260	TOLUENE	ug/kg	130 U	130 U	345 J	16.5	2.4 J	91.3	370
SW8260	XYLENES, M & P	ug/kg	260 U	270 U	305 J	340	65.6	7 J	5.7 J
SW8260	XYLENES, TOTAL	ug/kg	260 U	270 U	392 J	441	86.5	10.1	10.1
SW8270	ACENAPHTHENE	ug/kg	5.3 U	5.4 U	7.1 UJ	6.45 J	5.4 U	4.6 U	5.2 U
SW8270	ACENAPHTHYLENE	ug/kg	5.3 U	5.4 U	7.1 UJ	30.9	6.28	4.6 U	5.2 U
SW8270	ANTHRACENE	ug/kg	5.3 U	5.4 U	12.5 J	49.1	11.7	4.6 U	5.2 U
SW8270	BENZO(A)ANTHRACENE	ug/kg	5.3 U	5.4 U	23 J	126	36.3	4.6 U	5.2 U
SW8270	BENZO(A)PYRENE	ug/kg	5.3 U	5.4 U	15.1 J	85.9	27.2	4.6 U	5.2 U
SW8270	BENZO(B)FLUORANTHENE	ug/kg	5.3 U	5.4 U	26.7 J	143	41.4	4.6 U	5.2 U
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	5.3 U	5.4 U	9.52 J	66.8	17.9	4.6 U	5.2 U
SW8270	BENZO(K)FLUORANTHENE	ug/kg	5.3 U	5.4 U	8.8 J	40.9	15.4	4.6 U	5.2 U
SW8270	CHRYSENE	ug/kg	5.3 U	5.4 U	14.5 J	85.2	22.9	4.6 U	5.2 U
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	5.3 U	5.4 U	7.1 UJ	16.7	5.4 U	4.6 U	5.2 U
SW8270	FLUORANTHENE	ug/kg	5.3 U	5.4 U	33.6 J	145	38.5	4.6 U	5.2 U
SW8270	FLUORENE	ug/kg	5.3 U	5.4 U	23.2 J	77.1	18.6	4.6 U	5.2 U
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	5.3 U	5.4 U	10.3 J	56.7	15.7	4.6 U	5.2 U
SW8270	PHENANTHRENE	ug/kg	5.3 U	5.4 U	53.8 J	164	37.8	4.6 U	5.2 U
SW8270	PHENOL	ug/kg	4610	5010	388 J	51 U	54 U	46 U	52 U
SW8270	PYRENE	ug/kg	5.3 U	5.4 U	29.9 J	185	47.1	4.6 U	5.2 U
SW9045	pH	S.U.	6.7	6.78	11 J	8.78	7.98	7.58	7.13

TABLE 3
SUMMARY OF VIBRACORE SEDIMENT ANALYTICAL RESULTS

		Location	OL-VC-30112	OL-VC-30112	OL-VC-30113	OL-VC-30113
	Sample Depth	5-6 Ft	6-7 Ft	0-1 Ft	1-2 Ft	
	Field Sample ID	OL-0863-05	OL-0863-06	OL-0863-07	OL-0863-08	
	Sample Date	8/4/2009	8/4/2009	8/4/2009	8/4/2009	
	Sample Delivery Group	JA24770	JA24770	JA24770	JA24770	
	Matrix	SOIL	SOIL	SOIL	SOIL	
	Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	
	Sample Type	Sediment	Sediment	Sediment	Sediment	
Method	Parameter Name	Units				
ASTM D4643-00	SOLIDS, PERCENT	%				
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	12400	31400	6420 J	8180
SM2540G	PERCENT MOISTURE	%				
SM2540G	SOLIDS, PERCENT	%	53.5	53.9	26.3	56.6
SW7471	MERCURY	mg/kg	0.023 U	0.023 U	0.064 J	0.1
SW8082	AROCLOR-1016	ug/kg	6.2 U	6.2 U	13 UJ	5.8 U
SW8082	AROCLOR-1221	ug/kg	6.2 U	6.2 U	13 UJ	5.8 U
SW8082	AROCLOR-1232	ug/kg	6.2 U	6.2 U	13 UJ	5.8 U
SW8082	AROCLOR-1242	ug/kg	6.2 U	6.2 U	13 UJ	5.8 U
SW8082	AROCLOR-1248	ug/kg	6.2 U	6.2 U	13 UJ	5.8 U
SW8082	AROCLOR-1254	ug/kg	6.2 U	6.2 U	13 UJ	5.8 U
SW8082	AROCLOR-1260	ug/kg	6.2 U	6.2 U	13 UJ	5.8 U
SW8082	AROCLOR-1268	ug/kg	6.2 U	6.2 U	13 UJ	5.8 U
SW8082	PCBS, N.O.S.	ug/kg	6.2 U	6.2 U	13 UJ	5.8 U
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	22 U	17 U	38 UJ	18 U
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	22 U	17 U	38 UJ	18 U
SW8260	1,2-DICHLOROBENZENE	ug/kg	22 U	17 U	38 UJ	18 U
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	22 U	17 U	38 UJ	18 U
SW8260	1,3-DICHLOROBENZENE	ug/kg	22 U	17 U	38 UJ	18 U
SW8260	1,4-DICHLOROBENZENE	ug/kg	22 U	17 U	38 UJ	18 U
SW8260	BENZENE	ug/kg	3230	2840	18100 J	8580
SW8260	CHLOROBENZENE	ug/kg	22 U	17 U	38 UJ	1.5 J
SW8260	ETHYLBENZENE	ug/kg	3.6 J	3.5	153 J	130
SW8260	NAPHTHALENE	ug/kg	22 U	17 U	776 J	313
SW8260	O-XYLENE	ug/kg	10.8	10.9	769 J	636
SW8260	TOLUENE	ug/kg	734	357	10600 J	5680
SW8260	XYLEMES, M & P	ug/kg	14.3	14.7	1860 J	1360
SW8260	XYLEMES, TOTAL	ug/kg	25.1	25.6	2630 J	2000
SW8270	ACENAPHTHENE	ug/kg	5.3 U	5.3 U	11 UJ	5 U
SW8270	ACENAPHTHYLENE	ug/kg	5.3 U	5.3 U	11 UJ	22.1
SW8270	ANTHRACENE	ug/kg	5.3 U	5.3 U	58.6 J	47.6
SW8270	BENZO(A)ANTHRACENE	ug/kg	5.3 U	5.3 U	96.8 J	62.5
SW8270	BENZO(A)PYRENE	ug/kg	5.3 U	5.3 U	48.4 J	33.2
SW8270	BENZO(B)FLUORANTHENE	ug/kg	5.3 U	5.3 U	82.9 J	56.5
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	5.3 U	5.3 U	27.4 J	32.3
SW8270	BENZO(K)FLUORANTHENE	ug/kg	5.3 U	5.3 U	32.5 J	19.7
SW8270	CHRYSENE	ug/kg	5.3 U	5.3 U	52.6 J	48
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	5.3 U	5.3 U	10.4 J	8.94
SW8270	FLUORANTHENE	ug/kg	5.3 U	5.3 U	219 J	115
SW8270	FLUORENE	ug/kg	5.3 U	5.3 U	24.5 J	117
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	5.3 U	5.3 U	25.8 J	25.7
SW8270	PHENANTHRENE	ug/kg	5.3 U	5.3 U	251 J	140
SW8270	PHENOL	ug/kg	53 U	53 U	2510 J	627
SW8270	PYRENE	ug/kg	5.3 U	5.3 U	183 J	143
SW9045	pH	S.U.	7.17	7.15	10.37 J	7.95

TABLE 3
SUMMARY OF VIBRACORE SEDIMENT ANALYTICAL RESULTS

		Location	OL-VC-30113	OL-VC-30113	OL-VC-30113	OL-VC-30113	OL-VC-30113	OL-VC-30113	OL-VC-30113	OL-VC-30113
		Sample Depth	2-3 Ft	3-4 Ft	4-5 Ft	4-5 Ft	5-6 Ft	6-7 Ft		7-8 Ft
		Field Sample ID	OL-0863-09	OL-0863-10	OL-0863-11	OL-0863-12	OL-0863-13	OL-0863-14		OL-0863-15
		Sample Date	8/4/2009	8/4/2009	8/4/2009	8/4/2009	8/4/2009	8/4/2009		8/4/2009
		Sample Delivery Group	JA24770	JA24770	JA24770	JA24770	JA24770	JA24770		JA24770
		Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL		SOIL
		Sample Purpose	Regular sample	Regular sample	Regular sample	Field duplicate	Regular sample	Regular sample		Regular sample
		Sample Type	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment		Sediment
Method	Parameter Name	Units								
ASTM D4643-00	SOLIDS, PERCENT	%								
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	19700	5850 J	12000	8570	14200	19400		16400
SM2540G	PERCENT MOISTURE	%								
SM2540G	SOLIDS, PERCENT	%	58.6	62.3	56	54.9	56.7	56		52.5
SW7471	MERCURY	mg/kg	0.02 U	0.02 U	0.022 U	0.022 U	0.022 U	0.021 U		0.024 U
SW8082	AROCLOR-1016	ug/kg	5.7 U	5.3 U	5.9 U	6.1 U	5.8 U	5.9 U		6.2 U
SW8082	AROCLOR-1221	ug/kg	5.7 U	5.3 U	5.9 U	6.1 U	5.8 U	5.9 U		6.2 U
SW8082	AROCLOR-1232	ug/kg	5.7 U	5.3 U	5.9 U	6.1 U	5.8 U	5.9 U		6.2 U
SW8082	AROCLOR-1242	ug/kg	5.7 U	5.3 U	5.9 U	6.1 U	5.8 U	5.9 U		6.2 U
SW8082	AROCLOR-1248	ug/kg	5.7 U	5.3 U	5.9 U	6.1 U	5.8 U	5.9 U		6.2 U
SW8082	AROCLOR-1254	ug/kg	5.7 U	5.3 U	5.9 U	6.1 U	5.8 U	5.9 U		6.2 U
SW8082	AROCLOR-1260	ug/kg	5.7 U	5.3 U	5.9 U	6.1 U	5.8 U	5.9 U		6.2 U
SW8082	AROCLOR-1268	ug/kg	5.7 U	5.3 U	5.9 U	6.1 U	5.8 U	5.9 U		6.2 U
SW8082	PCBS, N.O.S.	ug/kg	5.7 U	5.3 U	5.9 U	6.1 U	5.8 U	5.9 U		6.2 U
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	19 U	17 U	18 U	590 U	610 U	600 U		24 U
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	19 U	17 U	18 U	590 U	610 U	600 U		24 U
SW8260	1,2-DICHLOROBENZENE	ug/kg	19 U	17 U	18 U	590 U	610 U	600 U		24 U
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	19 U	17 UJ	18 U	590 U	610 U	600 U		24 U
SW8260	1,3-DICHLOROBENZENE	ug/kg	19 U	17 U	18 U	590 U	610 U	600 U		24 U
SW8260	1,4-DICHLOROBENZENE	ug/kg	19 U	1.2 J	18 U	590 U	610 U	600 U		24 U
SW8260	BENZENE	ug/kg	4000	3400	4110	3380	5030	4640		2160
SW8260	CHLOROBENZENE	ug/kg	19 U	3.4 J	1.4 J	590 U	610 U	600 U		24 U
SW8260	ETHYLBENZENE	ug/kg	22.9	4.2	2 J	120 U	120 U	120 U		4.8 U
SW8260	NAPHTHALENE	ug/kg	61.4	13.9 J	18 U	590 U	610 U	600 U		24 U
SW8260	O-XYLENE	ug/kg	129	17.4	7.1	120 U	120 U	120 U		4.8 U
SW8260	TOLUENE	ug/kg	2310	1090	503	654	922	908		148
SW8260	XYLENES, M & P	ug/kg	294	37	14	240 U	240 U	240 U		9.5 U
SW8260	XYLENES, TOTAL	ug/kg	423	54.4	21.1	240 U	240 U	240 U		9.5 U
SW8270	ACENAPHTHENE	ug/kg	4.8 U	4.6 U	5.1 U	5.2 U	5 U	5.1 U		5.4 U
SW8270	ACENAPHTHYLENE	ug/kg	5.99	4.6 U	5.1 U	5.2 U	5 U	5.1 U		5.4 U
SW8270	ANTHRACENE	ug/kg	14.6	4.6 U	5.1 U	5.2 U	5 U	5.1 U		5.4 U
SW8270	BENZO(A)ANTHRACENE	ug/kg	24.3	4.6 U	5.1 U	5.2 U	5 U	5.1 U		5.4 U
SW8270	BENZO(A)PYRENE	ug/kg	12	4.6 U	5.1 U	5.2 U	5 U	5.1 U		5.4 U
SW8270	BENZO(B)FLUORANTHENE	ug/kg	19.8	4.6 U	5.1 U	5.2 U	5 U	5.1 U		5.4 U
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	10.1	4.6 U	5.1 U	5.2 U	5 U	5.1 U		5.4 U
SW8270	BENZO(K)FLUORANTHENE	ug/kg	7.43	4.6 U	5.1 U	5.2 U	5 U	5.1 U		5.4 U
SW8270	CHRYSENE	ug/kg	14.6	4.6 U	5.1 U	5.2 U	5 U	5.1 U		5.4 U
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	4.8 U	4.6 U	5.1 U	5.2 U	5 U	5.1 U		5.4 U
SW8270	FLUORANTHENE	ug/kg	40.5	4.6 U	5.1 U	5.2 U	5 U	5.1 U		5.4 U
SW8270	FLUORENE	ug/kg	36.7	4.6 U	5.1 U	5.2 U	5 U	5.1 U		5.4 U
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	8.1	4.6 U	5.1 U	5.2 U	5 U	5.1 U		5.4 U
SW8270	PHENANTHRENE	ug/kg	48	4.6 U	5.1 U	5.2 U	5 U	5.1 U		5.4 U
SW8270	PHENOL	ug/kg	285	46 U	51 U	52 U	50 U	51 U		54 U
SW8270	PYRENE	ug/kg	49.8	4.6 U	5.1 U	5.2 U	5 U	5.1 U		5.4 U
SW9045	pH	S.U.	7.43	7.13	6.96	6.84	6.88	6.88		6.77

TABLE 3
SUMMARY OF VIBRACORE SEDIMENT ANALYTICAL RESULTS

		Location	OL-VC-30114-A	OL-VC-30114-A	OL-VC-30114	OL-VC-30114
Method	Parameter Name	Units				
ASTM D4643-00	SOLIDIS, PERCENT	%				
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg			36200 J	19100 J
SM2540G	PERCENT MOISTURE	%	56.7	60.6		
SM2540G	SOLIDIS, PERCENT	%			41.7	43.8
SW7471	MERCURY	mg/kg	3.83 J	25.3 J	5.6 J	0.93 J
SW8082	AROCLOR-1016	ug/kg			7.9 UJ	7.6 UJ
SW8082	AROCLOR-1221	ug/kg			7.9 UJ	7.6 UJ
SW8082	AROCLOR-1232	ug/kg			7.9 UJ	7.6 UJ
SW8082	AROCLOR-1242	ug/kg			7.9 UJ	7.6 UJ
SW8082	AROCLOR-1248	ug/kg			38.2 J	86 J
SW8082	AROCLOR-1254	ug/kg			24.4 J	96.6 J
SW8082	AROCLOR-1260	ug/kg			11 J	69.5 J
SW8082	AROCLOR-1268	ug/kg			7.9 UJ	7.6 UJ
SW8082	PCBS, N.O.S.	ug/kg			73.6 J	252 J
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg			11 UJ	12 UJ
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg			11 UJ	12 UJ
SW8260	1,2-DICHLOROBENZENE	ug/kg			11 UJ	12 UJ
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg			11 UJ	12 UJ
SW8260	1,3-DICHLOROBENZENE	ug/kg			3.2 J	12 UJ
SW8260	1,4-DICHLOROBENZENE	ug/kg			6.4 J	1.6 J
SW8260	BENZENE	ug/kg			2.2 UJ	11.3 J
SW8260	CHLOROBENZENE	ug/kg			4.8 J	12 UJ
SW8260	ETHYLBENZENE	ug/kg			2.2 UJ	2.4 UJ
SW8260	NAPHTHALENE	ug/kg			11 UJ	3.6 J
SW8260	O-XYLENE	ug/kg			2.2 UJ	2.4 UJ
SW8260	TOLUENE	ug/kg			2.2 UJ	2.4 UJ
SW8260	XYLEMES, M & P	ug/kg			4.4 UJ	4.8 UJ
SW8260	XYLEMES, TOTAL	ug/kg			4.4 UJ	4.8 UJ
SW8270	ACENAPHTHENE	ug/kg			14 UJ	13 UJ
SW8270	ACENAPHTHYLENE	ug/kg			25.6 J	31.6 J
SW8270	ANTHRACENE	ug/kg			35.4 J	46.9 J
SW8270	BENZO(A)ANTHRACENE	ug/kg			106 J	92.1 J
SW8270	BENZO(A)PYRENE	ug/kg			84.9 J	69.9 J
SW8270	BENZO(B)FLUORANTHENE	ug/kg			170 J	141 J
SW8270	BENZO(G,H,I)PERYLENE	ug/kg			55.5 J	39.7 J
SW8270	BENZO(K)FLUORANTHENE	ug/kg			35.9 J	42.8 J
SW8270	CHRYSENE	ug/kg			65.7 J	72.8 J
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg			17.4 J	13.8 J
SW8270	FLUORANTHENE	ug/kg			149 J	163 J
SW8270	FLUORENE	ug/kg			41.9 J	63 J
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg			58.5 J	42.3 J
SW8270	PHENANTHRENE	ug/kg			57.7 J	98.3 J
SW8270	PHENOL	ug/kg			81.5 J	840 J
SW8270	PYRENE	ug/kg			166 J	202 J
SW9045	pH	S.U.			8.09 J	10.13 J

TABLE 3
SUMMARY OF VIBRACORE SEDIMENT ANALYTICAL RESULTS

		Location	OL-VC-30114	OL-VC-30114	OL-VC-30114	OL-VC-30114	OL-VC-30115	OL-VC-30115	OL-VC-30115	OL-VC-30115
	Sample Depth	2.0-3.0 Ft	3.0-4.0 Ft	4.0-5.0 Ft	5.0-6.0 Ft	0-1 Ft	1-2 Ft	1-2 Ft	1-2 Ft	1-2 Ft
	Field Sample ID	OL-0839-16	OL-0839-17	OL-0839-18	OL-0839-19	OL-0857-04	OL-0857-05	OL-0857-06	OL-0857-06	OL-0857-06
	Sample Date	7/23/2009	7/23/2009	7/23/2009	7/23/2009	7/31/2009	7/31/2009	7/31/2009	7/31/2009	7/31/2009
	Sample Delivery Group	JA23889	JA23889	JA23889	JA23889	JA24578	JA24578	JA24578	JA24578	JA24578
	Matrix	SOIL								
	Sample Purpose	Regular sample	Field duplicate							
	Sample Type	Sediment								
Method	Parameter Name	Units								
ASTM D4643-00	SOLIDS, PERCENT	%				28.4				
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	6130 J	2630 J	2360 J	2870 J	31400 J	19500 J	10400 J	
SM2540G	PERCENT MOISTURE	%								
SM2540G	SOLIDS, PERCENT	%	31.6	31	26.8		38.4	37.7	45.4	
SW7471	MERCURY	mg/kg	0.44 J	0.17 J	0.084 J	0.088 J	13.9 J	1.5 J	0.39 J	
SW8082	AROCLOR-1016	ug/kg	10 UJ	11 UJ	12 UJ	12 UJ	8.7 UJ	8.8 UJ	7.3 UJ	
SW8082	AROCLOR-1221	ug/kg	10 UJ	11 UJ	12 UJ	12 UJ	8.7 UJ	8.8 UJ	7.3 UJ	
SW8082	AROCLOR-1232	ug/kg	10 UJ	11 UJ	12 UJ	12 UJ	8.7 UJ	8.8 UJ	7.3 UJ	
SW8082	AROCLOR-1242	ug/kg	10 UJ	11 UJ	12 UJ	12 UJ	8.7 UJ	8.8 UJ	7.3 UJ	
SW8082	AROCLOR-1248	ug/kg	10 UJ	11 UJ	12 UJ	12 UJ	8.7 UJ	30.1 J	7.3 UJ	
SW8082	AROCLOR-1254	ug/kg	10 UJ	11 UJ	12 UJ	12 UJ	166 J	19.1 J	7.3 UJ	
SW8082	AROCLOR-1260	ug/kg	10 UJ	11 UJ	12 UJ	12 UJ	53.2 J	8.8 UJ	7.3 UJ	
SW8082	AROCLOR-1268	ug/kg	10 UJ	11 UJ	12 UJ	12 UJ	8.7 UJ	8.8 UJ	7.3 UJ	
SW8082	PCBS, N.O.S.	ug/kg	10 UJ	11 UJ	12 UJ	12 UJ	219 J	49.2 J	7.3 UJ	
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	16 UJ	16 UJ	19 UJ	18 UJ	12 UJ	13 UJ	12 UJ	
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	16 UJ	16 UJ	19 UJ	18 UJ	12 UJ	13 UJ	12 UJ	
SW8260	1,2-DICHLOROBENZENE	ug/kg	16 UJ	16 UJ	19 UJ	18 UJ	2.4 J	13 UJ	12 UJ	
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	16 UJ	16 UJ	19 UJ	18 UJ	4.6 J	13 UJ	12 UJ	
SW8260	1,3-DICHLOROBENZENE	ug/kg	16 UJ	16 UJ	19 UJ	18 UJ	6.9 J	13 UJ	12 UJ	
SW8260	1,4-DICHLOROBENZENE	ug/kg	16 UJ	16 UJ	19 UJ	18 UJ	13 J	0.94 J	12 UJ	
SW8260	BENZENE	ug/kg	8.1 J	7.9 J	6.3 J	5.4 J	4.3 J	6.2 J	5.4 J	
SW8260	CHLOROBENZENE	ug/kg	16 UJ	16 UJ	19 UJ	18 UJ	5.7 J	13 UJ	12 UJ	
SW8260	ETHYLBENZENE	ug/kg	3.2 UJ	3.1 UJ	3.8 UJ	3.7 UJ	2.4 UJ	2.6 UJ	2.3 UJ	
SW8260	NAPHTHALENE	ug/kg	9.5 J	16.9 J	16.9 J	16.3 J	12 UJ	17.3 J	10.3 J	
SW8260	O-XYLENE	ug/kg	3.2 UJ	3.1 UJ	3.8 UJ	3.7 UJ	2.1 J	2.6 UJ	2.3 UJ	
SW8260	TOLUENE	ug/kg	2.2 J	2.8 J	3.3 J	3 J	9 J	1.9 J	1.6 J	
SW8260	XYLENES, M & P	ug/kg	6.3 UJ	6.2 UJ	7.6 UJ	2.5 J	3.3 J	1.6 J	4.7 UJ	
SW8260	XYLENES, TOTAL	ug/kg	6.3 UJ	6.2 UJ	7.6 UJ	2.5 J	5.4 J	1.6 J	4.7 UJ	
SW8270	ACENAPHTHENE	ug/kg	18 UJ	18 UJ	21 UJ	20 UJ	37 J	30.8 J	37.7 J	
SW8270	ACENAPHTHYLENE	ug/kg	26.1 J	18 UJ	21 UJ	20 UJ	147 J	57.7 J	63.3 J	
SW8270	ANTHRACENE	ug/kg	55.4 J	19.8 J	21 UJ	20 UJ	211 J	66.4 J	76.7 J	
SW8270	BENZO(A)ANTHRACENE	ug/kg	132 J	37.9 J	30.1 J	20.2 J	288 J	152 J	150 J	
SW8270	BENZO(A)PYRENE	ug/kg	78.2 J	20.1 J	10.8 J	20 UJ	278 J	126 J	137 J	
SW8270	BENZO(B)FLUORANTHENE	ug/kg	150 J	36.5 J	21.2 J	20 UJ	303 J	237 J	249 J	
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	72.1 J	18 UJ	13.1 J	20 UJ	135 J	110 J	107 J	
SW8270	BENZO(K)FLUORANTHENE	ug/kg	51.3 J	11.3 J	7.2 J	20 UJ	264 J	63.3 J	107 J	
SW8270	CHRYSENE	ug/kg	91.5 J	25.2 J	13.1 J	4.51 J	340 J	108 J	154 J	
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	26.5 J	18 UJ	21 UJ	20 UJ	50.3 J	31.4 J	33.9 J	
SW8270	FLUORANTHENE	ug/kg	228 J	78.5 J	49.1 J	40.9 J	708 J	259 J	285 J	
SW8270	FLUORENE	ug/kg	42.6 J	18 UJ	21 UJ	20 UJ	138 J	88.6 J	97.3 J	
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	68.8 J	18 UJ	16.3 J	20 UJ	141 J	101 J	111 J	
SW8270	PHENANTHRENE	ug/kg	140 J	81.4 J	36.4 J	53.8 J	393 J	147 J	152 J	
SW8270	PHENOL	ug/kg	4730 J	4690 J	4230 J	3790 J	74 UJ	775 J	557 J	
SW8270	PYRENE	ug/kg	265 J	71.5 J	44.2 J	34.3 J	742 J	319 J	354 J	
SW9045	pH	S.U.	11.28 J	11.5 J	11.64 J	11.64 J	7.98 J	9.95 J	9.89 J	

TABLE 3
SUMMARY OF VIBRACORE SEDIMENT ANALYTICAL RESULTS

		Location	OL-VC-30115	OL-VC-30115	OL-VC-30115	OL-VC-30115
Method	Parameter Name	Units				
ASTM D4643-00	SOLIDS, PERCENT	%				
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	7370 J	4820 J	4110 J	5030 J
SM2540G	PERCENT MOISTURE	%				
SM2540G	SOLIDS, PERCENT	%	32.3	28	34.2	36.3
SW7471	MERCURY	mg/kg	0.31 J	0.22 J	0.09 J	0.1 J
SW8082	AROCLOR-1016	ug/kg	10 UJ	12 UJ	9.7 UJ	9.2 UJ
SW8082	AROCLOR-1221	ug/kg	10 UJ	12 UJ	9.7 UJ	9.2 UJ
SW8082	AROCLOR-1232	ug/kg	10 UJ	12 UJ	9.7 UJ	9.2 UJ
SW8082	AROCLOR-1242	ug/kg	10 UJ	12 UJ	9.7 UJ	9.2 UJ
SW8082	AROCLOR-1248	ug/kg	10 UJ	12 UJ	9.7 UJ	9.2 UJ
SW8082	AROCLOR-1254	ug/kg	10 UJ	12 UJ	9.7 UJ	9.2 UJ
SW8082	AROCLOR-1260	ug/kg	10 UJ	12 UJ	9.7 UJ	9.2 UJ
SW8082	AROCLOR-1268	ug/kg	10 UJ	12 UJ	9.7 UJ	9.2 UJ
SW8082	PCBS, N.O.S.	ug/kg	10 UJ	12 UJ	9.7 UJ	9.2 UJ
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	17 UJ	17 UJ	16 UJ	13 UJ
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	17 UJ	17 UJ	16 UJ	13 UJ
SW8260	1,2-DICHLOROBENZENE	ug/kg	17 UJ	17 UJ	16 UJ	13 UJ
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	17 UJ	17 UJ	16 UJ	13 UJ
SW8260	1,3-DICHLOROBENZENE	ug/kg	17 UJ	17 UJ	16 UJ	13 UJ
SW8260	1,4-DICHLOROBENZENE	ug/kg	1.4 J	1.1 J	1.4 J	1.3 J
SW8260	BENZENE	ug/kg	9 J	9 J	10.1 J	7.5 J
SW8260	CHLOROBENZENE	ug/kg	17 UJ	17 UJ	16 UJ	13 UJ
SW8260	ETHYLBENZENE	ug/kg	1.2 J	3.4 UJ	1.5 J	1.7 J
SW8260	NAPHTHALENE	ug/kg	66.8 J	74.1 J	155 J	204 J
SW8260	O-XYLENE	ug/kg	2.2 J	2.1 J	3.3 J	3.6 J
SW8260	TOLUENE	ug/kg	3.1 J	3.3 J	4.5 J	4.1 J
SW8260	XYLEMES, M & P	ug/kg	3.6 J	3.2 J	5 J	6.1 J
SW8260	XYLEMES, TOTAL	ug/kg	5.8 J	5.3 J	8.3 J	9.7 J
SW8270	ACENAPHTHENE	ug/kg	62.9 J	36.6 J	17.7 J	9.52 J
SW8270	ACENAPHTHYLENE	ug/kg	73.4 J	13.4 J	8.4 UJ	8.5 J
SW8270	ANTHRACENE	ug/kg	86.2 J	80.8 J	21.6 J	17.8 J
SW8270	BENZO(A)ANTHRACENE	ug/kg	153 J	87.6 J	25.8 J	29.7 J
SW8270	BENZO(A)PYRENE	ug/kg	85.4 J	39.6 J	15.4 J	13.5 J
SW8270	BENZO(B)FLUORANTHENE	ug/kg	129 J	70.4 J	24.6 J	22.6 J
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	47.2 J	19.3 J	8.64 J	7.62 J
SW8270	BENZO(K)FLUORANTHENE	ug/kg	47.6 J	28 J	10.9 J	8.69 J
SW8270	CHRYSENE	ug/kg	148 J	69.1 J	21.5 J	27.8 J
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	16.7 J	10 UJ	8.4 UJ	7.9 UJ
SW8270	FLUORANTHENE	ug/kg	267 J	410 J	83.4 J	83.1 J
SW8270	FLUORENE	ug/kg	84.5 J	58.4 J	25.2 J	23.3 J
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	47.2 J	21 J	8.44 J	7.55 J
SW8270	PHENANTHRENE	ug/kg	358 J	584 J	178 J	64.3 J
SW8270	PHENOL	ug/kg	3060 J	3080 J	2610 J	1440 J
SW8270	PYRENE	ug/kg	337 J	297 J	67.2 J	68.6 J
SW9045	pH	S.U.	11.08 J	11.43 J	11.51 J	11.47 J

TABLE 3
SUMMARY OF VIBRACORE SEDIMENT ANALYTICAL RESULTS

		Location	OL-VC-30116	OL-VC-30117-A						
	Sample Depth		0-1 Ft	1-2 Ft	2-3 Ft	3-4 Ft	4-5 Ft	5-6 Ft	0.00-0.50 Ft	
	Field Sample ID	OL-0857-11	OL-0857-12	OL-0857-13	OL-0857-14	OL-0857-15	OL-0857-16	OL-0857-16	OL-1031-06	
	Sample Date	7/31/2009	7/31/2009	7/31/2009	7/31/2009	7/31/2009	7/31/2009	7/31/2009	9/28/2009	
	Sample Delivery Group	JA24578	OLS11							
	Matrix	SOIL								
	Sample Purpose	Regular sample								
	Sample Type	Sediment								
Method	Parameter Name	Units								
ASTM D4643-00	SOLIDS, PERCENT	%								
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	36400 J	24300 J	8180 J	22800 J	26000 J	9410 J	58700 J	
SM2540G	PERCENT MOISTURE	%								67.2
SM2540G	SOLIDS, PERCENT	%	44	39	45.2	42.3	40.1	41.3		
SW7471	MERCURY	mg/kg	12.4 J	7 J	0.66 J	0.53 J	0.067 J	0.19 J	27.4 J	
SW8082	AROCLOR-1016	ug/kg	7.5 J	8.4 J	7.4 J	7.9 J	8.1 J	8.1 J	520 J	
SW8082	AROCLOR-1221	ug/kg	7.5 J	8.4 J	7.4 J	7.9 J	8.1 J	8.1 J	520 J	
SW8082	AROCLOR-1232	ug/kg	7.5 J	8.4 J	7.4 J	7.9 J	8.1 J	8.1 J	520 J	
SW8082	AROCLOR-1242	ug/kg	7.5 J	8.4 J	7.4 J	7.9 J	8.1 J	8.1 J	520 J	
SW8082	AROCLOR-1248	ug/kg	262 J	8.4 J	11.5 J	7.9 J	8.1 J	8.1 J	2000 J	
SW8082	AROCLOR-1254	ug/kg	122 J	63.8 J	13.3 J	7.9 J	8.1 J	8.1 J	1700 J	
SW8082	AROCLOR-1260	ug/kg	35.8 J	47.1 J	7.4 J	7.9 J	8.1 J	8.1 J	590 J	
SW8082	AROCLOR-1268	ug/kg	7.5 J	8.4 J	7.4 J	7.9 J	8.1 J	8.1 J	520 J	
SW8082	PCBS, N.O.S.	ug/kg	420 J	111 J	24.9 J	7.9 J	8.1 J	8.1 J	4300 J	
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	890 J	1000 J	860 J	1900 J	1000 J	960 J	16 J	
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	72.4 J	1000 J	860 J	1900 J	1000 J	960 J	16 J	
SW8260	1,2-DICHLOROBENZENE	ug/kg	179 J	1000 J	860 J	1900 J	1000 J	960 J	20 J	
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	67.8 J	1000 J	860 J	1900 J	1000 J	960 J	24 J	
SW8260	1,3-DICHLOROBENZENE	ug/kg	137 J	1000 J	860 J	1900 J	1000 J	960 J	34 J	
SW8260	1,4-DICHLOROBENZENE	ug/kg	601 J	1000 J	860 J	1900 J	1000 J	960 J	67 J	
SW8260	BENZENE	ug/kg	50600 J	25800 J	23500 J	25000 J	15300 J	18800 J	330 J	
SW8260	CHLOROBENZENE	ug/kg	91.5 J	1000 J	860 J	1900 J	1000 J	960 J	19 J	
SW8260	ETHYLBENZENE	ug/kg	112 J	135 J	258 J	311 J	164 J	203 J	7 J	
SW8260	NAPHTHALENE	ug/kg	1100 J	19900 J	25900 J	29700 J	4150 J	2460 J	35 J	
SW8260	O-XYLENE	ug/kg	207 J	330 J	802 J	1050 J	670 J	798 J	15 J	
SW8260	TOLUENE	ug/kg	1010 J	28200 J	34100 J	34500 J	13500 J	17900 J	45 J	
SW8260	XYLEMES, M & P	ug/kg	483 J	746 J	1410 J	1920 J	1540 J	1700 J	16 J	
SW8260	XYLEMES, TOTAL	ug/kg	690 J	1080 J	2210 J	2970 J	2210 J	2500 J	31 J	
SW8270	ACENAPHTHENE	ug/kg	16.5 J	21.7 J	12 J	6.8 J	11.1 J	15.1 J	140 J	
SW8270	ACENAPHTHYLENE	ug/kg	40.5 J	93.7 J	110 J	208 J	82.6 J	115 J	140 J	
SW8270	ANTHRACENE	ug/kg	70.8 J	108 J	120 J	235 J	66 J	119 J	240 J	
SW8270	BENZO(A)ANTHRACENE	ug/kg	133 J	225 J	152 J	281 J	53.3 J	114 J	1200 J	
SW8270	BENZO(A)PYRENE	ug/kg	102 J	184 J	85.4 J	123 J	17.6 J	79.2 J	1100 J	
SW8270	BENZO(B)FLUORANTHENE	ug/kg	216 J	339 J	163 J	266 J	32.9 J	115 J	1700 J	
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	62.3 J	92.3 J	43.1 J	60.1 J	9.99 J	44 J	530 J	
SW8270	BENZO(K)FLUORANTHENE	ug/kg	85.5 J	114 J	51.8 J	51.5 J	12.9 J	43.8 J	530 J	
SW8270	CHRYSENE	ug/kg	126 J	189 J	133 J	162 J	35.3 J	95.1 J	1600 J	
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	19.6 J	29.5 J	17 J	35.2 J	7.1 J	19.4 J	160 J	
SW8270	FLUORANTHENE	ug/kg	257 J	409 J	273 J	75.1 J	109 J	205 J	2600 J	
SW8270	FLUORENE	ug/kg	267 J	259 J	39.1 J	894 J	245 J	326 J	260 J	
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	64 J	93.2 J	45.3 J	80 J	12.7 J	46.8 J	480 J	
SW8270	PHENANTHRENE	ug/kg	173 J	261 J	368 J	643 J	208 J	317 J	1800 J	
SW8270	PHENOL	ug/kg	65 J	1480 J	1320 J	1140 J	842 J	850 J	160 J	
SW8270	PYRENE	ug/kg	291 J	450 J	409 J	440 J	95 J	222 J	3200 J	
SW9045	pH	S.U.	7.89 J	10.4 J	10.44 J	10.37 J	9.5 J	9.18 J	8.93 J	

TABLE 3
SUMMARY OF VIBRACORE SEDIMENT ANALYTICAL RESULTS

		Location	OL-VC-30117-A	OL-VC-30117	OL-VC-30117	OL-VC-30117
Method	Parameter Name	Units				
ASTM D4643-00	SOLIDS, PERCENT	%				
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	43000 J	59700 J	3060 J	4730 J
SM2540G	PERCENT MOISTURE	%	65.1			
SM2540G	SOLIDS, PERCENT	%		31.6	34.5	31.8
SW7471	MERCURY	mg/kg	11.6 J	13.4 J	0.24 J	0.078 J
SW8082	AROCLOR-1016	ug/kg	24 UJ	10 UJ	9.5 UJ	10 UJ
SW8082	AROCLOR-1221	ug/kg	24 UJ	10 UJ	9.5 UJ	10 UJ
SW8082	AROCLOR-1232	ug/kg	24 UJ	10 UJ	9.5 UJ	10 UJ
SW8082	AROCLOR-1242	ug/kg	24 UJ	10 UJ	9.5 UJ	10 UJ
SW8082	AROCLOR-1248	ug/kg	79 J	2150 J	9.5 UJ	10 UJ
SW8082	AROCLOR-1254	ug/kg	190 J	644 J	9.5 UJ	10 UJ
SW8082	AROCLOR-1260	ug/kg	92 J	219 J	9.5 UJ	10 UJ
SW8082	AROCLOR-1268	ug/kg	24 UJ	10 UJ	9.5 UJ	10 UJ
SW8082	PCBS, N.O.S.	ug/kg	360 J	3010 J	9.5 UJ	10 UJ
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	15 UJ	14 UJ	60 UJ	49 UJ
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	15 UJ	14 UJ	60 UJ	49 UJ
SW8260	1,2-DICHLOROBENZENE	ug/kg	5 J	2 J	60 UJ	49 UJ
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	15 UJ	14 UJ	60 UJ	49 UJ
SW8260	1,3-DICHLOROBENZENE	ug/kg	15 UJ	3.2 J	60 UJ	49 UJ
SW8260	1,4-DICHLOROBENZENE	ug/kg	10 J	7.3 J	60 UJ	49 UJ
SW8260	BENZENE	ug/kg	360 J	193 J	1500 J	1750 J
SW8260	CHLOROBENZENE	ug/kg	3 J	4.5 J	60 UJ	49 UJ
SW8260	ETHYLBENZENE	ug/kg	5 J	1.5 J	5.3 J	7.9 J
SW8260	NAPHTHALENE	ug/kg	61 J	14.1 J	110 J	165 J
SW8260	O-XYLENE	ug/kg	18 J	5.5 J	30.5 J	48.2 J
SW8260	TOLUENE	ug/kg	96 J	26.8 J	549 J	754 J
SW8260	XYLENES, M & P	ug/kg	18 J	5.2 J	54.1 J	98.9 J
SW8260	XYLENES, TOTAL	ug/kg	35 J	10.7 J	84.6 J	147 J
SW8270	ACENAPHTHENE	ug/kg	120 J	42.4 J	17 UJ	18 UJ
SW8270	ACENAPHTHYLENE	ug/kg	170 J	51 J	17 UJ	18 UJ
SW8270	ANTHRACENE	ug/kg	340 J	79.7 J	17 UJ	18.3 J
SW8270	BENZO(A)ANTHRACENE	ug/kg	1000 J	152 J	21.2 J	27.1 J
SW8270	BENZO(A)PYRENE	ug/kg	990 J	154 J	17 UJ	18 UJ
SW8270	BENZO(B)FLUORANTHENE	ug/kg	530 J	155 J	23.9 J	26.5 J
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	450 J	131 J	17 UJ	18 UJ
SW8270	BENZO(K)FLUORANTHENE	ug/kg	1400 J	161 J	17 UJ	18 UJ
SW8270	CHRYSENE	ug/kg	1300 J	247 J	16.8 J	20.6 J
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	140 J	39.8 J	17 UJ	18 UJ
SW8270	FLUORANTHENE	ug/kg	2200 J	321 J	48.3 J	68.6 J
SW8270	FLUORENE	ug/kg	220 J	212 J	17 UJ	18 UJ
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	460 J	111 J	17 UJ	18 UJ
SW8270	PHENANTHRENE	ug/kg	1200 J	233 J	44.2 J	83.6 J
SW8270	PHENOL	ug/kg	2000 J	386 J	2670 J	3450 J
SW8270	PYRENE	ug/kg	2800 J	493 J	45.8 J	58 J
SW9045	pH	S.U.	10.1 J	8.3 J	11.05 J	11.53 J

TABLE 3
SUMMARY OF VIBRACORE SEDIMENT ANALYTICAL RESULTS

		Location	OL-VC-30117	OL-VC-30117	OL-VC-30117	OL-VC-30118-A	OL-VC-30118-A	OL-VC-30118	OL-VC-30118
	Sample Depth	3.0-4.0 Ft	4.0-5.0 Ft	5.0-6.0 Ft	0.00-0.50 Ft	0.50-1.00 Ft	0.0-1.0 Ft	1.0-2.0 Ft	
	Field Sample ID	OL-0837-04	OL-0837-05	OL-0837-06	OL-1029-18	OL-1029-19	OL-0839-08	OL-0839-09	
	Sample Date	7/22/2009	7/22/2009	7/22/2009	9/25/2009	9/25/2009	7/23/2009	7/23/2009	
	Sample Delivery Group	JA23768	JA23768	JA23768	OLS09	OLS09	JA23889	JA23889	
	Matrix	SOIL							
	Sample Purpose	Regular sample							
	Sample Type	Sediment							
Method	Parameter Name	Units							
ASTM D4643-00	SOLIDs, PERCENT	%							
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	3290 J	7870 J	8400 J			27400 J	16500 J
SM2540G	PERCENT MOISTURE	%				59.5	73.7		
SM2540G	SOLIDs, PERCENT	%	33	35	34.1			47.6	41.1
SW7471	MERCURY	mg/kg	0.077 J	0.046 J	0.11 J	0.591 J	0.45 J	4.7 J	0.18 J
SW8082	AROCLOR-1016	ug/kg	10 UJ	9.5 UJ	9.6 UJ			6.9 UJ	8.1 UJ
SW8082	AROCLOR-1221	ug/kg	10 UJ	9.5 UJ	9.6 UJ			6.9 UJ	8.1 UJ
SW8082	AROCLOR-1232	ug/kg	10 UJ	9.5 UJ	9.6 UJ			6.9 UJ	8.1 UJ
SW8082	AROCLOR-1242	ug/kg	10 UJ	9.5 UJ	9.6 UJ			6.9 UJ	8.1 UJ
SW8082	AROCLOR-1248	ug/kg	10 UJ	9.5 UJ	9.6 UJ			28.5 J	8.1 UJ
SW8082	AROCLOR-1254	ug/kg	10 UJ	9.5 UJ	9.6 UJ			20.6 J	8.1 UJ
SW8082	AROCLOR-1260	ug/kg	10 UJ	9.5 UJ	9.6 UJ			7.6 J	8.1 UJ
SW8082	AROCLOR-1268	ug/kg	10 UJ	9.5 UJ	9.6 UJ			6.9 UJ	8.1 UJ
SW8082	PCBS, N.O.S.	ug/kg	10 UJ	9.5 UJ	9.6 UJ			56.7 J	8.1 UJ
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	15 UJ	60 UJ	14 UJ			10 UJ	13 UJ
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	15 UJ	60 UJ	14 UJ			10 UJ	13 UJ
SW8260	1,2-DICHLOROBENZENE	ug/kg	15 UJ	60 UJ	1.3 J			10 UJ	13 UJ
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	15 UJ	60 UJ	14 UJ			10 UJ	13 UJ
SW8260	1,3-DICHLOROBENZENE	ug/kg	15 UJ	60 UJ	14 UJ			10 UJ	13 UJ
SW8260	1,4-DICHLOROBENZENE	ug/kg	15 UJ	60 UJ	3.8 J			2 J	13 UJ
SW8260	BENZENE	ug/kg	1230 J	1820 J	2210 J			1360 J	7020 J
SW8260	CHLOROBENZENE	ug/kg	15 UJ	60 UJ	14 UJ			10 UJ	13 UJ
SW8260	ETHYLBENZENE	ug/kg	5.4 J	21.6 J	17 J			1.3 J	1.4 J
SW8260	NAPHTHALENE	ug/kg	99.5 J	471 J	426 J			12.3 J	26.8 J
SW8260	O-XYLENE	ug/kg	32.7 J	125 J	94.2 J			1.4 J	3.4 J
SW8260	TOLUENE	ug/kg	476 J	1170 J	1480 J			7.9 J	28.4 J
SW8260	XYLEMES, M & P	ug/kg	72.8 J	330 J	252 J			3.5 J	10.5 J
SW8260	XYLEMES, TOTAL	ug/kg	105 J	455 J	346 J			4.9 J	13.9 J
SW8270	ACENAPHTHENe	ug/kg	17 UJ	16 UJ	17 UJ			17.5 J	13.7 J
SW8270	ACENAPHTHYLENE	ug/kg	17 UJ	16 UJ	20 J			53.7 J	16.6 J
SW8270	ANTHRACENE	ug/kg	17 UJ	16 UJ	34.9 J			58.7 J	26.2 J
SW8270	BENZO(A)ANTHRACENE	ug/kg	28.3 J	32.7 J	71.5 J			130 J	74 J
SW8270	BENZO(A)PYRENE	ug/kg	17 UJ	17.7 J	37.4 J			89.3 J	50.7 J
SW8270	BENZO(B)FLUORANTHENE	ug/kg	31.2 J	37.1 J	69.7 J			85.6 J	109 J
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	17 UJ	17.9 J	27.6 J			42.3 J	50.6 J
SW8270	BENZO(K)FLUORANTHENE	ug/kg	17 UJ	16 UJ	19 J			81.1 J	34 J
SW8270	CHRYSENE	ug/kg	18 J	26 J	58.6 J			127 J	48.4 J
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	17 UJ	16 UJ	17 UJ			24.4 J	19.2 J
SW8270	FLUORANTHENE	ug/kg	62.9 J	57.7 J	154 J			259 J	135 J
SW8270	FLUORENE	ug/kg	17 UJ	17.5 J	30.5 J			116 J	49.3 J
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	17 UJ	19 J	32.7 J			58.7 J	46.9 J
SW8270	PHENANTHRENE	ug/kg	60.7 J	50.5 J	150 J			130 J	68.3 J
SW8270	PHENOL	ug/kg	2060 J	1670 J	2730 J			488 J	878 J
SW8270	PYRENE	ug/kg	56.9 J	63 J	148 J			301 J	163 J
SW9045	pH	S.U.	11.64 J	11.67 J	11.73 J			10.14 J	11.49 J

TABLE 3
SUMMARY OF VIBRACORE SEDIMENT ANALYTICAL RESULTS

		Location	OL-VC-30118	OL-VC-30118	OL-VC-30118	OL-VC-30118
Method	Parameter Name	Units				
ASTM D4643-00	SOLIDS, PERCENT	%				
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	10800 J	11400 J	17600 J	6570 J
SM2540G	PERCENT MOISTURE	%				
SM2540G	SOLIDS, PERCENT	%	29.5	35	34.6	40
SW7471	MERCURY	mg/kg	0.17 J	0.2 J	0.16 J	0.18 J
SW8082	AROCLOR-1016	ug/kg	11 UJ	9.5 UJ	9.5 UJ	8.3 UJ
SW8082	AROCLOR-1221	ug/kg	11 UJ	9.5 UJ	9.5 UJ	8.3 UJ
SW8082	AROCLOR-1232	ug/kg	11 UJ	9.5 UJ	9.5 UJ	8.3 UJ
SW8082	AROCLOR-1242	ug/kg	11 UJ	9.5 UJ	9.5 UJ	8.3 UJ
SW8082	AROCLOR-1248	ug/kg	11 UJ	9.5 UJ	9.5 UJ	8.3 UJ
SW8082	AROCLOR-1254	ug/kg	11 UJ	9.5 UJ	9.5 UJ	8.3 UJ
SW8082	AROCLOR-1260	ug/kg	11 UJ	9.5 UJ	9.5 UJ	8.3 UJ
SW8082	AROCLOR-1268	ug/kg	11 UJ	9.5 UJ	9.5 UJ	8.3 UJ
SW8082	PCBS, N.O.S.	ug/kg	11 UJ	9.5 UJ	9.5 UJ	8.3 UJ
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	61 UJ	51 UJ	52 UJ	39 UJ
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	61 UJ	51 UJ	52 UJ	39 UJ
SW8260	1,2-DICHLOROBENZENE	ug/kg	61 UJ	51 UJ	52 UJ	39 UJ
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	61 UJ	51 UJ	52 UJ	39 UJ
SW8260	1,3-DICHLOROBENZENE	ug/kg	61 UJ	51 UJ	52 UJ	39 UJ
SW8260	1,4-DICHLOROBENZENE	ug/kg	61 UJ	51 UJ	52 UJ	39 UJ
SW8260	BENZENE	ug/kg	11600 J	5400 J	7690 J	10800 J
SW8260	CHLOROBENZENE	ug/kg	61 UJ	51 UJ	52 UJ	39 UJ
SW8260	ETHYLBENZENE	ug/kg	12 UJ	10 UJ	10 UJ	3.5 J
SW8260	NAPHTHALENE	ug/kg	60.2 J	33.6 J	32.9 J	72.5 J
SW8260	O-XYLENE	ug/kg	12 UJ	10 UJ	10 UJ	9.2 J
SW8260	TOLUENE	ug/kg	54.9 J	20.7 J	22.3 J	67 J
SW8260	XYLEMES, M & P	ug/kg	23.8 J	15.7 J	21 UJ	21.4 J
SW8260	XYLEMES, TOTAL	ug/kg	23.8 J	15.7 J	21 UJ	30.6 J
SW8270	ACENAPHTHENE	ug/kg	19.9 J	16 UJ	16 UJ	44.4 J
SW8270	ACENAPHTHYLENE	ug/kg	13.7 J	16 UJ	16 UJ	17.4 J
SW8270	ANTHRACENE	ug/kg	76.7 J	26 J	15.2 J	73.7 J
SW8270	BENZO(A)ANTHRACENE	ug/kg	111 J	51.2 J	31.1 J	138 J
SW8270	BENZO(A)PYRENE	ug/kg	67.2 J	24.2 J	14.1 J	59.4 J
SW8270	BENZO(B)FLUORANTHENE	ug/kg	105 J	40.2 J	21.3 J	95.9 J
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	46.8 J	20 J	13.5 J	49.2 J
SW8270	BENZO(K)FLUORANTHENE	ug/kg	55.1 J	14.9 J	11.2 J	46.2 J
SW8270	CHRYSENE	ug/kg	75.3 J	22.9 J	18.7 J	61.5 J
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	20.7 J	16 UJ	16 UJ	21.2 J
SW8270	FLUORANTHENE	ug/kg	270 J	123 J	76.7 J	282 J
SW8270	FLUORENE	ug/kg	28.7 J	16 UJ	10.8 J	67.4 J
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	46.5 J	20.4 J	14.6 J	49 J
SW8270	PHENANTHRENE	ug/kg	200 J	103 J	68.6 J	231 J
SW8270	PHENOL	ug/kg	1780 J	1760 J	1060 J	803 J
SW8270	PYRENE	ug/kg	232 J	100 J	64.8 J	291 J
SW9045	pH	S.U.	11.36 J	11.55 J	11.59 J	11.52 J

TABLE 3
SUMMARY OF VIBRACORE SEDIMENT ANALYTICAL RESULTS

		Location	OL-VC-30119	OL-VC-30119	OL-VC-30119	OL-VC-30119	OL-VC-30119	OL-VC-30119	OL-VC-30119	OL-VC-30120
	Sample Depth	0-1 Ft		1-2 Ft	2-3 Ft	3-4 Ft	4-5 Ft	5-6 Ft		0-1 Ft
	Field Sample ID	OL-0856-18	OL-0856-19	OL-0856-20	OL-0857-01	OL-0857-02	OL-0857-03	OL-0872-01		
	Sample Date	7/31/2009	7/31/2009	7/31/2009	7/31/2009	7/31/2009	7/31/2009	7/31/2009		8/6/2009
	Sample Delivery Group	JA24577	JA24577	JA24577	JA24578	JA24578	JA24578	JA24578		JA25060
	Matrix	SOIL		SOIL						
	Sample Purpose	Regular sample		Regular sample						
	Sample Type	Sediment		Sediment						
Method	Parameter Name	Units								
ASTM D4643-00	SOLIDS, PERCENT	%								
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	12100	31900 J	20300	6280	5110 J	15100		9460 J
SM2540G	PERCENT MOISTURE	%								
SM2540G	SOLIDS, PERCENT	%	57.2	42.5	57.7	53.6	48.3	57.1		37.9
SW7471	MERCURY	mg/kg	0.59	5.5 U	3.2	0.19	0.14 J	0.14		1 J
SW8082	AROCLOR-1016	ug/kg	5.8 U	7.8 UJ	5.8 U	6.2 U	6.9 UJ	5.8 U		8.6 UJ
SW8082	AROCLOR-1221	ug/kg	5.8 U	7.8 UJ	5.8 U	6.2 U	6.9 UJ	5.8 U		8.6 UJ
SW8082	AROCLOR-1232	ug/kg	5.8 U	7.8 UJ	5.8 U	6.2 U	6.9 UJ	5.8 U		8.6 UJ
SW8082	AROCLOR-1242	ug/kg	5.8 U	7.8 UJ	5.8 U	6.2 U	6.9 UJ	5.8 U		8.6 UJ
SW8082	AROCLOR-1248	ug/kg	42.2	386 J	61.1 J	6.2 U	6.9 UJ	5.8 U		8.6 UJ
SW8082	AROCLOR-1254	ug/kg	24.1	218 J	59.3 J	6.2 U	6.9 UJ	5.8 U		8.6 UJ
SW8082	AROCLOR-1260	ug/kg	9.6	69.7 J	16.5 J	6.2 U	6.9 UJ	5.8 U		8.6 UJ
SW8082	AROCLOR-1268	ug/kg	5.8 U	7.8 UJ	5.8 U	6.2 U	6.9 UJ	5.8 U		8.6 UJ
SW8082	PCBS, N.O.S.	ug/kg	75.9	674 J	137 J	6.2 U	6.9 UJ	5.8 U		8.6 UJ
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	49 U	930 UJ	620 U	680 U	790 UJ	11 U		1100 UJ
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	49 U	930 UJ	620 U	680 U	790 UJ	11 U		1100 UJ
SW8260	1,2-DICHLOROBENZENE	ug/kg	7.4 J	314 J	42.6 J	680 U	790 UJ	11 U		1100 UJ
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	49 U	100 J	620 U	680 U	790 UJ	11 U		1100 UJ
SW8260	1,3-DICHLOROBENZENE	ug/kg	5.1 J	184 J	620 U	680 U	790 UJ	11 U		1100 UJ
SW8260	1,4-DICHLOROBENZENE	ug/kg	24.6 J	956 J	139 J	680 U	790 UJ	11 U		1100 UJ
SW8260	BENZENE	ug/kg	1820	35100 J	13200	10600	8570 J	120		13300 J
SW8260	CHLOROBENZENE	ug/kg	5.2 J	102 J	620 U	680 U	790 UJ	11 U		1100 UJ
SW8260	ETHYLBENZENE	ug/kg	122	852 J	336	172	142 J	17.7		210 UJ
SW8260	NAPHTHALENE	ug/kg	118	2920 J	2270	616 J	507 J	156		979 J
SW8260	O-XYLENE	ug/kg	67.3	1580 J	1140	650	580 J	95.9		210 UJ
SW8260	TOLUENE	ug/kg	1580	107000 J	28600	15200	14500 J	571		1720 J
SW8260	XYLENES, M & P	ug/kg	491	3080 J	1860	1360	1400 J	212		154 J
SW8260	XYLENES, TOTAL	ug/kg	558	4650 J	2990	2010	1980 J	308		154 J
SW8270	ACENAPHTHENE	ug/kg	5 U	6.7 UJ	8.78	5.3 U	5.9 UJ	5 U		7.4 UJ
SW8270	ACENAPHTHYLENE	ug/kg	8.15	6.7 UJ	23.6	27	33.4 J	52.4		41.3 J
SW8270	ANTHRACENE	ug/kg	4.94 J	16.3 J	19.4	37.9	41.7 J	77.8		50.3 J
SW8270	BENZO(A)ANTHRACENE	ug/kg	13.6	24.2 J	68	55.9	70.4 J	171		114 J
SW8270	BENZO(A)PYRENE	ug/kg	14.3	17.4 J	58.9	33	51.4 J	99.4		66.3 J
SW8270	BENZO(B)FLUORANTHENE	ug/kg	22.6	29.6 J	69.5	58.7	88.2 J	174		108 J
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	13.5	16.4 J	50.9	20	29.5 J	57.3		46.6 J
SW8270	BENZO(K)FLUORANTHENE	ug/kg	8.14	11 J	25.7	22.6	35 J	28.1		44.5 J
SW8270	CHRYSENE	ug/kg	10.6	20.4 J	43.1	62.9	67.1 J	155		77.9 J
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	5 U	6.7 UJ	10.8	6.87	11.5 J	23.4		11.3 J
SW8270	FLUORANTHENE	ug/kg	21	60.3 J	94.3	126	111 J	247		179 J
SW8270	FLUORENE	ug/kg	13.6	301 J	67.5	43.2	56 J	92.2		53.6 J
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	10.7	12.7 J	36.5	19.2	31.4 J	59.5		37 J
SW8270	PHENANTHRENE	ug/kg	12.3	54.8 J	82.9	101	77.4 J	79.6		151 J
SW8270	PHENOL	ug/kg	50 U	262 J	414	657	776 J	803		611 J
SW8270	PYRENE	ug/kg	22.6	68.1 J	132	150	151 J	304		248 J
SW9045	pH	S.U.	7.36	7.51 J	7.15	7.74	7.52 J	7.28		10.66 J

TABLE 3
SUMMARY OF VIBRACORE SEDIMENT ANALYTICAL RESULTS

		Location	OL-VC-30120	OL-VC-30120	OL-VC-30120	OL-VC-30120
Method	Parameter Name	Units				
ASTM D4643-00	SOLIDIS, PERCENT	%				
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	2940 J	1790 J	2130 J	2000 J
SM2540G	PERCENT MOISTURE	%				
SM2540G	SOLIDIS, PERCENT	%	35.6	36.3	36.9	43
SW7471	MERCURY	mg/kg	0.17 J	0.045 J	0.085 J	0.03 UJ
SW8082	AROCLOR-1016	ug/kg	9.2 UJ	9.2 UJ	9 UJ	7.8 UJ
SW8082	AROCLOR-1221	ug/kg	9.2 UJ	9.2 UJ	9 UJ	7.8 UJ
SW8082	AROCLOR-1232	ug/kg	9.2 UJ	9.2 UJ	9 UJ	7.8 U
SW8082	AROCLOR-1242	ug/kg	9.2 UJ	9.2 UJ	9 UJ	7.8 UJ
SW8082	AROCLOR-1248	ug/kg	9.2 UJ	9.2 UJ	9 UJ	7.8 UJ
SW8082	AROCLOR-1254	ug/kg	9.2 UJ	9.2 UJ	17.2 J	7.8 UJ
SW8082	AROCLOR-1260	ug/kg	9.2 UJ	9.2 UJ	9 UJ	7.8 UJ
SW8082	AROCLOR-1268	ug/kg	9.2 UJ	9.2 UJ	9 UJ	7.8 UJ
SW8082	PCBS, N.O.S.	ug/kg	9.2 UJ	9.2 UJ	17.2 J	7.8 UJ
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	1100 UJ	14 UJ	14 UJ	12 UJ
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	1100 UJ	14 UJ	14 UJ	12 UJ
SW8260	1,2-DICHLOROBENZENE	ug/kg	1100 UJ	14 UJ	14 UJ	12 UJ
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	1100 UJ	14 UJ	14 UJ	12 UJ
SW8260	1,3-DICHLOROBENZENE	ug/kg	1100 UJ	14 UJ	14 UJ	12 UJ
SW8260	1,4-DICHLOROBENZENE	ug/kg	1100 UJ	4 J	14 UJ	12 UJ
SW8260	BENZENE	ug/kg	27700 J	20900 J	25100 J	16300 J
SW8260	CHLOROBENZENE	ug/kg	1100 UJ	14 UJ	14 UJ	12 UJ
SW8260	ETHYLBENZENE	ug/kg	230 UJ	34.5 J	31.9 J	33 J
SW8260	NAPHTHALENE	ug/kg	2090 J	2140 J	2140 J	2020 J
SW8260	O-XYLENE	ug/kg	369 J	236 J	221 J	225 J
SW8260	TOLUENE	ug/kg	6000 J	3250 J	3430 J	2390 J
SW8260	XYLEMES, M & P	ug/kg	840 J	558 J	546 J	600 J
SW8260	XYLEMES, TOTAL	ug/kg	1210 J	794 J	767 J	825 J
SW8270	ACENAPHTHENE	ug/kg	8 UJ	7.8 UJ	7.7 UJ	6.6 UJ
SW8270	ACENAPHTHYLENE	ug/kg	8 UJ	7.8 UJ	7.7 UJ	6.6 UJ
SW8270	ANTHRACENE	ug/kg	16.4 J	10.1 J	13.2 J	9.39 J
SW8270	BENZO(A)ANTHRACENE	ug/kg	41.6 J	28.5 J	22.9 J	14.8 J
SW8270	BENZO(A)PYRENE	ug/kg	19.2 J	7.8 UJ	7.7 UJ	6.6 UJ
SW8270	BENZO(B)FLUORANTHENE	ug/kg	34.2 J	7.8 UJ	7.7 UJ	6.6 UJ
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	12.7 J	7.8 UJ	7.7 UJ	6.6 UJ
SW8270	BENZO(K)FLUORANTHENE	ug/kg	14.7 J	7.8 UJ	7.7 UJ	6.6 UJ
SW8270	CHRYSENE	ug/kg	28.2 J	15.3 J	11.2 J	6.74 J
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	8 UJ	7.8 UJ	7.7 UJ	6.6 UJ
SW8270	FLUORANTHENE	ug/kg	62.4 J	52.3 J	32.4 J	20.8 J
SW8270	FLUORENE	ug/kg	8 UJ	7.8 UJ	7.7 UJ	6.6 UJ
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	11.4 J	7.8 UJ	7.7 UJ	6.6 UJ
SW8270	PHENANTHRENE	ug/kg	85.7 J	52.5 J	54.2 J	37.5 J
SW8270	PHENOL	ug/kg	1260 J	566 J	490 J	230 J
SW8270	PYRENE	ug/kg	68.5 J	52.6 J	38 J	26.4 J
SW9045	pH	S.U.	11.35 J	11.75 J	11.7 J	11.56 J

TABLE 3
SUMMARY OF VIBRACORE SEDIMENT ANALYTICAL RESULTS

		Location	OL-VC-30120	OL-VC-30121	OL-VC-30121	OL-VC-30121	OL-VC-30121	OL-VC-30121	OL-VC-30121	OL-VC-30121
		Sample Depth	5-6 Ft	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	5.0-6.0 Ft	
		Field Sample ID	OL-0853-20	OL-0837-14	OL-0837-15	OL-0837-16	OL-0837-17	OL-0837-18	OL-0838-01	
		Sample Date	7/30/2009	7/22/2009	7/22/2009	7/22/2009	7/22/2009	7/22/2009	7/22/2009	
		Sample Delivery Group	JA24412	JA23768	JA23768	JA23768	JA23768	JA23768	JA23767	
		Matrix	SOIL							
		Sample Purpose	Regular sample							
		Sample Type	Sediment							
Method	Parameter Name	Units								
ASTM D4643-00	SOLIDS, PERCENT	%								
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	3960 J	2890 J	4890 J	9260 J	3610 J	8810 J	6630	
SM2540G	PERCENT MOISTURE	%								
SM2540G	SOLIDS, PERCENT	%	38	31.6	34.3	32.5	35.2	34.6	40.6	
SW7471	MERCURY	mg/kg	0.1 J	0.13 J	0.053 J	0.038 UJ	0.036 UJ	0.037 UJ	0.19	
SW8082	AROCLOR-1016	ug/kg	8.6 UJ	10 UJ	9.7 UJ	10 UJ	9.3 UJ	9.4 UJ	8.2	
SW8082	AROCLOR-1221	ug/kg	8.6 UJ	10 UJ	9.7 UJ	10 UJ	9.3 UJ	9.4 UJ	8.2	
SW8082	AROCLOR-1232	ug/kg	8.6 UJ	10 UJ	9.7 UJ	10 UJ	9.3 UJ	9.4 UJ	8.2	
SW8082	AROCLOR-1242	ug/kg	8.6 UJ	10 UJ	9.7 UJ	10 UJ	9.3 UJ	9.4 UJ	8.2	
SW8082	AROCLOR-1248	ug/kg	8.6 UJ	10 UJ	9.7 UJ	10 UJ	9.3 UJ	9.4 UJ	8.2	
SW8082	AROCLOR-1254	ug/kg	8.6 UJ	10 UJ	9.7 UJ	10 UJ	9.3 UJ	9.4 UJ	8.2	
SW8082	AROCLOR-1260	ug/kg	8.6 UJ	10 UJ	9.7 UJ	10 UJ	9.3 UJ	9.4 UJ	8.2	
SW8082	AROCLOR-1268	ug/kg	8.6 UJ	10 UJ	9.7 UJ	10 UJ	9.3 UJ	9.4 UJ	8.2	
SW8082	PCBS, N.O.S.	ug/kg	8.6 UJ	10 UJ	9.7 UJ	10 UJ	9.3 UJ	9.4 UJ	8.2	
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	13 UJ	15 UJ	21 UJ	31 UJ	79 UJ	80 UJ	56	
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	13 UJ	15 UJ	21 UJ	31 UJ	79 UJ	80 UJ	56	
SW8260	1,2-DICHLOROBENZENE	ug/kg	13 UJ	15 UJ	21 UJ	31 UJ	79 UJ	80 UJ	3.5	
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	13 UJ	15 UJ	21 UJ	31 UJ	79 UJ	80 UJ	56	
SW8260	1,3-DICHLOROBENZENE	ug/kg	13 UJ	15 UJ	21 UJ	31 UJ	79 UJ	80 UJ	56	
SW8260	1,4-DICHLOROBENZENE	ug/kg	13 UJ	15 UJ	21 UJ	2.8 J	79 UJ	80 UJ	11.4	
SW8260	BENZENE	ug/kg	24900 J	452 J	803 J	1470 J	4120 J	4540 J	6590	
SW8260	CHLOROBENZENE	ug/kg	13 UJ	15 UJ	21 UJ	2.6 J	79 UJ	80 UJ	4.5	
SW8260	ETHYLBENZENE	ug/kg	69.4 J	2.9 UJ	2 J	5.5 J	10 J	9.1 J	35.4	
SW8260	NAPHTHALENE	ug/kg	4500 J	29.8 J	57.7 J	123 J	162 J	141 J	473	
SW8260	O-XYLENE	ug/kg	445 J	3.8 J	10.3 J	31 J	62.3 J	52.1 J	189	
SW8260	TOLUENE	ug/kg	4080 J	118 J	264 J	643 J	1640 J	1640 J	3990	
SW8260	XYLENES, M & P	ug/kg	2230 J	4.7 J	15.6 J	49 J	102 J	95.6 J	400	
SW8260	XYLENES, TOTAL	ug/kg	2680 J	8.5 J	25.9 J	80 J	164 J	148 J	589	
SW8270	ACENAPHTHENE	ug/kg	7.5 UJ	18 UJ	17 UJ	17 UJ	16 UJ	17 UJ	14	
SW8270	ACENAPHTHYLENE	ug/kg	53.7 J	18 UJ	17 UJ	17 UJ	16 UJ	17 UJ	14	
SW8270	ANTHRACENE	ug/kg	73.6 J	18 UJ	17 UJ	17 UJ	16 UJ	17 UJ	14	
SW8270	BENZO(A)ANTHRACENE	ug/kg	115 J	26.8 J	21.7 J	22.1 J	22.6 J	21.2 J	17.1	
SW8270	BENZO(A)PYRENE	ug/kg	67.2 J	18 UJ	17 UJ	17 UJ	16 UJ	17 UJ	8.26	
SW8270	BENZO(B)FLUORANTHENE	ug/kg	110 J	31.2 J	22.8 J	22.4 J	24.7 J	23.1 J	15.5	
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	50.5 J	18 UJ	17 UJ	17 UJ	16 UJ	17 UJ	10.2	
SW8270	BENZO(K)FLUORANTHENE	ug/kg	39.2 J	18 UJ	17 UJ	17 UJ	16 UJ	17 UJ	6.5	
SW8270	CHRYSENE	ug/kg	82.6 J	20.5 J	17 UJ	17 UJ	15.9 J	17 UJ	10.9	
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	12.5 J	18 UJ	17 UJ	17 UJ	16 UJ	17 UJ	14	
SW8270	FLUORANTHENE	ug/kg	162 J	52.5 J	34.5 J	45.6 J	38.6 J	32.5 J	25.6	
SW8270	FLUORENE	ug/kg	141 J	18 UJ	17 UJ	17 UJ	16 UJ	17 UJ	14	
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	41.2 J	18 UJ	17 UJ	17 UJ	16 UJ	17 UJ	11.5	
SW8270	PHENANTHRENE	ug/kg	216 J	40 J	36.2 J	42.5 J	32.1 J	25.4 J	25.7	
SW8270	PHENOL	ug/kg	194 J	1370 J	2770 J	3040 J	1940 J	1660 J	70	
SW8270	PYRENE	ug/kg	246 J	46.5 J	31.6 J	38.8 J	37.1 J	32.9 J	30.2	
SW9045	pH	S.U.	11.38 J	11.05 J	11.04 J	11.43 J	11.59 J	11.47 J	11.36	

TABLE 3
SUMMARY OF VIBRACORE SEDIMENT ANALYTICAL RESULTS

		Location	OL-VC-30122	OL-VC-30122	OL-VC-30122	OL-VC-30122
Method	Parameter Name	Units				
ASTM D4643-00	SOLIDS, PERCENT	%				
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	J	11900	11400	11300
SM2540G	PERCENT MOISTURE	%				
SM2540G	SOLIDS, PERCENT	%		52.7	52.1	51.5
SW7471	MERCURY	mg/kg	J	0.022 U	0.024 U	0.031 J
SW8082	AROCLOR-1016	ug/kg	UJ	6.3 U	6.3 U	6.3 U
SW8082	AROCLOR-1221	ug/kg	UJ	6.3 U	6.3 U	6.3 U
SW8082	AROCLOR-1232	ug/kg	UJ	6.3 U	6.3 U	6.3 U
SW8082	AROCLOR-1242	ug/kg	UJ	6.3 U	6.3 U	6.3 U
SW8082	AROCLOR-1248	ug/kg	UJ	6.3 U	6.3 U	6.3 U
SW8082	AROCLOR-1254	ug/kg	UJ	277	6.3 U	6.3 U
SW8082	AROCLOR-1260	ug/kg	UJ	6.3 U	6.3 U	6.3 U
SW8082	AROCLOR-1268	ug/kg	UJ	6.3 U	6.3 U	6.3 U
SW8082	PCBS, N.O.S.	ug/kg	UJ	277	6.3 U	6.3 U
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	UJ	9.7 U	44 U	16 U
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	UJ	9.7 U	44 U	16 U
SW8260	1,2-DICHLOROBENZENE	ug/kg	J	9.7 U	44 U	16 U
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	UJ	9.7 U	44 U	16 UJ
SW8260	1,3-DICHLOROBENZENE	ug/kg	UJ	9.7 U	44 U	16 U
SW8260	1,4-DICHLOROBENZENE	ug/kg	J	9.7 U	44 U	16 U
SW8260	BENZENE	ug/kg	J	336	3660	1610
SW8260	CHLOROBENZENE	ug/kg	J	9.7 U	44 U	16 U
SW8260	ETHYLBENZENE	ug/kg	J	3.7	14.1	5.6
SW8260	NAPHTHALENE	ug/kg	J	10.9	14.8 J	16 U
SW8260	O-XYLENE	ug/kg	J	10.6	41.4	8.3
SW8260	TOLUENE	ug/kg	J	0.89 J	2.8 J	6.5
SW8260	XYLENES, M & P	ug/kg	J	6.8	74.4	11.6
SW8260	XYLENES, TOTAL	ug/kg	J	17.4	116	19.9
SW8270	ACENAPHTHENE	ug/kg	UJ	5.4 U	5.5 U	5.5 U
SW8270	ACENAPHTHYLENE	ug/kg	UJ	5.4 U	5.5 U	5.5 U
SW8270	ANTHRACENE	ug/kg	UJ	5.4 U	5.5 U	5.5 U
SW8270	BENZO(A)ANTHRACENE	ug/kg	J	5.4 U	5.5 U	5.5 U
SW8270	BENZO(A)PYRENE	ug/kg	J	5.4 U	5.5 U	5.5 U
SW8270	BENZO(B)FLUORANTHENE	ug/kg	J	5.4 U	5.5 U	5.5 U
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	J	5.4 U	5.5 U	5.5 U
SW8270	BENZO(K)FLUORANTHENE	ug/kg	J	5.4 U	5.5 U	5.5 U
SW8270	CHRYSENE	ug/kg	J	5.4 U	5.5 U	5.5 U
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	UJ	5.4 U	5.5 U	5.5 U
SW8270	FLUORANTHENE	ug/kg	J	5.4 U	5.5 U	5.5 U
SW8270	FLUORENE	ug/kg	UJ	5.4 U	5.5 U	5.5 U
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	J	5.4 U	5.5 U	5.5 U
SW8270	PHENANTHRENE	ug/kg	J	5.4 U	5.5 U	5.5 U
SW8270	PHENOL	ug/kg	UJ	54 U	58.9	62
SW8270	PYRENE	ug/kg	J	5.4 U	5.5 U	5.5 U
SW9045	pH	S.U.	J	7.46	7.34	7.06
						7.01

TABLE 3
SUMMARY OF VIBRACORE SEDIMENT ANALYTICAL RESULTS

		Location	OL-VC-30122	OL-VC-30122	OL-VC-30122	OL-VC-30122	OL-VC-30123	OL-VC-30123	OL-VC-30123
	Sample Depth	4-5 Ft		5-6 Ft	6-7 Ft	7-8 Ft	0-1 Ft	1-2 Ft	1-2 Ft
	Field Sample ID	OL-0858-10	OL-0858-11	OL-0858-12	OL-0858-13	OL-0859-10	OL-0859-11	OL-0859-12	
	Sample Date	7/31/2009	7/31/2009	7/31/2009	7/31/2009	8/3/2009	8/3/2009	8/3/2009	
	Sample Delivery Group	JA24576	JA24576	JA24576	JA24576	JA24639	JA24639	JA24639	
	Matrix	SOIL							
	Sample Purpose	Regular sample	Field duplicate						
	Sample Type	Sediment							
Method	Parameter Name	Units							
ASTM D4643-00	SOLIDS, PERCENT	%							
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	14400	9860	13300	14400	7390 J	28600 J	14400 J
SM2540G	PERCENT MOISTURE	%							
SM2540G	SOLIDS, PERCENT	%	53.3	52.7	53.3	56.5	39.2	51.6	54.9
SW7471	MERCURY	mg/kg	0.022 U	0.022 U	0.021 U	0.021 U	0.022 UJ	0.062	0.037 J
SW8082	AROCLOR-1016	ug/kg	6.1 U	6.2 U	6.2 U	5.9 U	8.5 UJ	6.4 UJ	6.1 U
SW8082	AROCLOR-1221	ug/kg	6.1 U	6.2 U	6.2 U	5.9 U	8.5 UJ	6.4 UJ	6.1 U
SW8082	AROCLOR-1232	ug/kg	6.1 U	6.2 U	6.2 U	5.9 U	8.5 UJ	6.4 UJ	6.1 U
SW8082	AROCLOR-1242	ug/kg	6.1 U	6.2 U	6.2 U	5.9 U	8.5 UJ	6.4 UJ	6.1 U
SW8082	AROCLOR-1248	ug/kg	6.1 U	6.2 U	6.2 U	5.9 U	8.5 UJ	6.4 UJ	6.1 U
SW8082	AROCLOR-1254	ug/kg	6.1 U	6.2 U	6.2 U	5.9 U	8.5 UJ	6.4 UJ	6.1 U
SW8082	AROCLOR-1260	ug/kg	6.1 U	6.2 U	6.2 U	5.9 U	8.5 UJ	6.4 UJ	6.1 U
SW8082	AROCLOR-1268	ug/kg	6.1 U	6.2 U	6.2 U	5.9 U	8.5 UJ	6.4 UJ	6.1 U
SW8082	PCBS, N.O.S.	ug/kg	6.1 U	6.2 U	6.2 U	5.9 U	8.5 UJ	6.4 UJ	6.1 U
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	20 U	23 U	20 U	8.8 U	13 UJ	13 UJ	22 UJ
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	20 U	23 U	20 U	8.8 U	13 UJ	13 UJ	22 UJ
SW8260	1,2-DICHLOROBENZENE	ug/kg	20 U	23 U	20 U	8.8 U	13 UJ	13 UJ	22 UJ
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	20 U	23 U	20 U	8.8 U	13 UJ	13 UJ	22 UJ
SW8260	1,3-DICHLOROBENZENE	ug/kg	20 U	23 U	20 U	8.8 U	13 UJ	13 UJ	22 UJ
SW8260	1,4-DICHLOROBENZENE	ug/kg	20 U	23 U	20 U	8.8 U	13 UJ	13 UJ	22 UJ
SW8260	BENZENE	ug/kg	1150	735	551	77.6 J	458 J	1560 J	295 J
SW8260	CHLOROBENZENE	ug/kg	20 U	23 U	20 U	8.8 U	13 UJ	5.7 J	22 UJ
SW8260	ETHYLBENZENE	ug/kg	5.5	4.3 J	3.3 J	1.3 J	426 J	7420 J	714 J
SW8260	NAPHTHALENE	ug/kg	20 U	23 U	20 U	8.8 U	56700 J	609000 J	73300 J
SW8260	O-XYLENE	ug/kg	7.5	4.3 J	2.6 J	1.8 U	5530 J	42800 J	5230 J
SW8260	TOLUENE	ug/kg	11.9	20.3	11.6	2.4	4840 J	24200	3460
SW8260	XYLENES, M & P	ug/kg	13.6	7.5 J	4.4 J	0.94 J	22500 J	165000 J	21200 J
SW8260	XYLENES, TOTAL	ug/kg	21.1	11.8	7 J	0.94 J	28100 J	208000 J	26400 J
SW8270	ACENAPHTHENE	ug/kg	5.4 U	5.4 U	5.4 U	5.1 U	7.3 UJ	5.5 UJ	5.2 UJ
SW8270	ACENAPHTHYLENE	ug/kg	5.4 U	5.4 U	5.4 U	5.1 U	7.3 UJ	5.5 UJ	25.6 J
SW8270	ANTHRACENE	ug/kg	5.4 U	5.4 U	5.4 U	5.1 U	7.3 UJ	15.6 J	97 J
SW8270	BENZO(A)ANTHRACENE	ug/kg	5.4 U	5.4 U	5.4 U	5.1 U	14.7 J	24.4 J	110 J
SW8270	BENZO(A)PYRENE	ug/kg	5.4 U	5.4 U	5.4 U	5.1 U	7.3 UJ	5.5 UJ	43.9 J
SW8270	BENZO(B)FLUORANTHENE	ug/kg	5.4 U	5.4 U	5.4 U	5.1 U	7.3 UJ	5.5 UJ	92.6 J
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	5.4 U	5.4 U	5.4 U	5.1 U	7.3 UJ	5.5 UJ	32.4 J
SW8270	BENZO(K)FLUORANTHENE	ug/kg	5.4 U	5.4 U	5.4 U	5.1 U	7.3 UJ	5.5 UJ	26.6 J
SW8270	CHRYSENE	ug/kg	5.4 U	5.4 U	5.4 U	5.1 U	4.61 J	13.3 J	98.5 J
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	5.4 U	5.4 U	5.4 U	5.1 U	7.3 UJ	5.5 UJ	26.7 J
SW8270	FLUORANTHENE	ug/kg	5.4 U	5.4 U	5.4 U	5.1 U	20.9 J	39.1 J	252 J
SW8270	FLUORENE	ug/kg	5.4 U	5.4 U	5.4 U	5.1 U	33.8 J	20.3 J	217 J
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	5.4 U	5.4 U	5.4 U	5.1 U	7.3 UJ	5.5 UJ	46.7 J
SW8270	PHENANTHRENE	ug/kg	5.4 U	5.4 U	5.4 U	5.1 U	40.4 J	48.3 J	326 J
SW8270	PHENOL	ug/kg	54 U	54 U	54 U	51 U	175 J	98.2	114
SW8270	PYRENE	ug/kg	5.4 U	5.4 U	5.4 U	5.1 U	22.1 J	41.5 J	231 J
SW9045	pH	S.U.	7.03	6.84	6.95	7.33	11.55 J	11.2	11.13

TABLE 3
SUMMARY OF VIBRACORE SEDIMENT ANALYTICAL RESULTS

		Location	OL-VC-30123	OL-VC-30123	OL-VC-30123	OL-VC-30123
Method	Parameter Name	Units				
ASTM D4643-00	SOLIDS, PERCENT	%				
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	10400	7900	17700	9020
SM2540G	PERCENT MOISTURE	%				
SM2540G	SOLIDS, PERCENT	%	60	60.3	51.7	57.5
SW7471	MERCURY	mg/kg	0.02 U	0.019 U	0.025 U	0.02 U
SW8082	AROCLOR-1016	ug/kg	5.6 U	5.5 U	6.4 U	5.8 U
SW8082	AROCLOR-1221	ug/kg	5.6 U	5.5 U	6.4 U	5.8 U
SW8082	AROCLOR-1232	ug/kg	5.6 U	5.5 U	6.4 U	5.8 U
SW8082	AROCLOR-1242	ug/kg	5.6 U	5.5 U	6.4 U	5.8 U
SW8082	AROCLOR-1248	ug/kg	5.6 U	5.5 U	6.4 U	5.8 U
SW8082	AROCLOR-1254	ug/kg	5.6 U	5.5 U	6.4 U	5.8 U
SW8082	AROCLOR-1260	ug/kg	5.6 U	5.5 U	6.4 U	5.8 U
SW8082	AROCLOR-1268	ug/kg	5.6 U	5.5 U	6.4 U	5.8 U
SW8082	PCBS, N.O.S.	ug/kg	5.6 U	5.5 U	6.4 U	5.8 U
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	8.2 U	8.3 U	9.9 U	1200 U
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	8.2 U	8.3 U	9.9 U	1200 U
SW8260	1,2-DICHLOROBENZENE	ug/kg	8.2 U	8.3 U	9.9 U	1200 U
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	8.2 U	8.3 U	9.9 U	1200 U
SW8260	1,3-DICHLOROBENZENE	ug/kg	8.2 U	8.3 U	9.9 U	1200 U
SW8260	1,4-DICHLOROBENZENE	ug/kg	8.2 U	8.3 U	9.9 U	1200 U
SW8260	BENZENE	ug/kg	32 J	231 J	330 J	255
SW8260	CHLOROBENZENE	ug/kg	8.2 U	0.98 J	1.2 J	1200 U
SW8260	ETHYLBENZENE	ug/kg	138 J	268 J	359 J	364
SW8260	NAPHTHALENE	ug/kg	56600 J	53000 J	69400 J	46300
SW8260	O-XYLENE	ug/kg	799	2790	3770	2550
SW8260	TOLUENE	ug/kg	101 J	2170	3150	1780
SW8260	XYLINES, M & P	ug/kg	2290	10800	14700	9110
SW8260	XYLINES, TOTAL	ug/kg	3090	13600	18400	11700
SW8270	ACENAPHTHENE	ug/kg	4.8 U	4.7 U	5.5 U	5 U
SW8270	ACENAPHTHYLENE	ug/kg	4.8 U	4.7 U	5.5 U	5 U
SW8270	ANTHRACENE	ug/kg	4.8 U	4.7 U	5.5 U	5 U
SW8270	BENZO(A)ANTHRACENE	ug/kg	13.7	4.7 U	5.5 U	5 U
SW8270	BENZO(A)PYRENE	ug/kg	4.8 U	4.7 U	5.5 U	5 U
SW8270	BENZO(B)FLUORANTHENE	ug/kg	4.8 U	4.7 U	5.5 U	5 U
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	4.8 U	4.7 U	5.5 U	5 U
SW8270	BENZO(K)FLUORANTHENE	ug/kg	4.8 U	4.7 U	5.5 U	5 U
SW8270	CHRYSENE	ug/kg	4.88	4.7 U	5.5 U	5 U
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	4.8 U	4.7 U	5.5 U	5 U
SW8270	FLUORANTHENE	ug/kg	10.5	4.7 U	5.5 U	5 U
SW8270	FLUORENE	ug/kg	7.61	4.7 U	5.5 U	5 U
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	4.8 U	4.7 U	5.5 U	5 U
SW8270	PHENANTHRENE	ug/kg	5.34	4.7 U	5.5 U	5 U
SW8270	PHENOL	ug/kg	48 U	47 U	55 U	50 U
SW8270	PYRENE	ug/kg	12	4.7 U	5.5 U	5 U
SW9045	pH	S.U.	11.74	10.99	11.05	10.9

TABLE 3
SUMMARY OF VIBRACORE SEDIMENT ANALYTICAL RESULTS

		Location	OL-VC-30123	OL-VC-30123	OL-VC-30124	OL-VC-30124	OL-VC-30124	OL-VC-30124	OL-VC-30124	OL-VC-30124
	Sample Depth		6-7 Ft	7-8 Ft	0-1 Ft	1-2 Ft	2-3 Ft	3-4 Ft	4-5 Ft	
	Field Sample ID		OL-0859-17	OL-0859-18	OL-0859-19	OL-0859-20	OL-0860-01	OL-0860-02	OL-0860-03	
	Sample Date		8/3/2009	8/3/2009	8/3/2009	8/3/2009	8/3/2009	8/3/2009	8/3/2009	
	Sample Delivery Group		JA24639	JA24639	JA24639	JA24639	JA24640	JA24640	JA24640	
	Matrix	SOIL								
	Sample Purpose	Regular sample								
	Sample Type	Sediment								
Method	Parameter Name	Units								
ASTM D4643-00	SOLIDS, PERCENT	%								
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	6750	8760	5000 J	6800 J	7260	6550	7750	
SM2540G	PERCENT MOISTURE	%								
SM2540G	SOLIDS, PERCENT	%	64	55.9	40.9	40.4	56.1	59	53.4	
SW7471	MERCURY	mg/kg	0.028 J	0.022 U	0.06 J	0.044 J	0.023 U	0.019 U	0.021 U	
SW8082	AROCLOR-1016	ug/kg	5.2 U	6 U	8.1 UJ	8.3 UJ	5.9 U	5.6 U	6.2 U	
SW8082	AROCLOR-1221	ug/kg	5.2 U	6 U	8.1 UJ	8.3 UJ	5.9 U	5.6 U	6.2 U	
SW8082	AROCLOR-1232	ug/kg	5.2 U	6 U	8.1 UJ	8.3 UJ	5.9 U	5.6 U	6.2 U	
SW8082	AROCLOR-1242	ug/kg	5.2 U	6 U	8.1 UJ	8.3 UJ	5.9 U	5.6 U	6.2 U	
SW8082	AROCLOR-1248	ug/kg	5.2 U	6 U	8.1 UJ	8.3 UJ	5.9 U	5.6 U	6.2 U	
SW8082	AROCLOR-1254	ug/kg	5.2 U	6 U	8.1 UJ	8.3 UJ	5.9 U	5.6 U	6.2 U	
SW8082	AROCLOR-1260	ug/kg	5.2 U	6 U	8.1 UJ	8.3 UJ	5.9 U	5.6 U	6.2 U	
SW8082	AROCLOR-1268	ug/kg	5.2 U	6 U	8.1 UJ	8.3 UJ	5.9 U	5.6 U	6.2 U	
SW8082	PCBS, N.O.S.	ug/kg	5.2 U	6 U	8.1 UJ	8.3 UJ	5.9 U	5.6 U	6.2 U	
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	510 U	9.1 UJ	4900 UJ	2000 UJ	630 U	570 U	660 U	
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	510 U	9.1 UJ	4900 UJ	2000 UJ	630 U	570 U	660 U	
SW8260	1,2-DICHLOROBENZENE	ug/kg	510 U	9.1 UJ	4900 UJ	2000 UJ	630 U	570 U	660 U	
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	510 U	9.1 UJ	4900 UJ	2000 UJ	630 U	570 U	660 U	
SW8260	1,3-DICHLOROBENZENE	ug/kg	510 U	9.1 UJ	4900 UJ	2000 UJ	630 U	570 U	660 U	
SW8260	1,4-DICHLOROBENZENE	ug/kg	510 U	9.1 UJ	4900 UJ	2000 UJ	630 U	570 U	660 U	
SW8260	BENZENE	ug/kg	300	870	1990 J	1030 J	778	668	689	
SW8260	CHLOROBENZENE	ug/kg	510 U	1 J	4900 UJ	2000 UJ	630 U	570 U	660 U	
SW8260	ETHYLBENZENE	ug/kg	382	224 J	1830 J	1000 J	667	527	585	
SW8260	NAPHTHALENE	ug/kg	49100	33400 J	99200 J	69600 J	62100	48100	62000	
SW8260	O-XYLENE	ug/kg	2460	2750	10900 J	6220 J	4380	3580	3950	
SW8260	TOLUENE	ug/kg	1920	3570	8520 J	4360 J	3330	2700	2870	
SW8260	XYLENES, M & P	ug/kg	9140	10600	43800 J	23600 J	16000	12800	14400	
SW8260	XYLENES, TOTAL	ug/kg	11600	13400	54700 J	29800 J	20400	16300	18300	
SW8270	ACENAPHTHENE	ug/kg	4.5 U	5.1 U	7 UJ	7.1 UJ	5.1 U	4.8 U	5.4 U	
SW8270	ACENAPHTHYLENE	ug/kg	4.5 U	5.1 U	7 UJ	7.1 UJ	5.1 U	4.8 U	5.4 U	
SW8270	ANTHRACENE	ug/kg	4.5 U	5.1 U	7 UJ	7.1 UJ	5.1 U	4.8 U	5.4 U	
SW8270	BENZO(A)ANTHRACENE	ug/kg	4.5 U	5.1 U	10 J	12.9 J	5.1 U	4.8 U	5.4 U	
SW8270	BENZO(A)PYRENE	ug/kg	4.5 U	5.1 U	7 UJ	11.3 J	5.1 U	4.8 U	5.4 U	
SW8270	BENZO(B)FLUORANTHENE	ug/kg	4.5 U	5.1 U	7 UJ	20.2 J	5.1 U	4.8 U	5.4 U	
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	4.5 U	5.1 U	7 UJ	8.59 J	5.1 U	4.8 U	5.4 U	
SW8270	BENZO(K)FLUORANTHENE	ug/kg	4.5 U	5.1 U	7 UJ	5.18 J	5.1 U	4.8 U	5.4 U	
SW8270	CHRYSENE	ug/kg	4.5 U	5.1 U	8.75 J	11.9 J	5.1 U	4.8 U	5.4 U	
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	4.5 U	5.1 U	7 UJ	7.1 UJ	5.1 U	4.8 U	5.4 U	
SW8270	FLUORANTHENE	ug/kg	4.5 U	5.1 U	23.9 J	7.1 UJ	5.1 U	4.8 U	5.4 U	
SW8270	FLUORENE	ug/kg	4.5 U	5.1 U	19.2 J	14.4 J	5.1 U	4.8 U	5.4 U	
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	4.5 U	5.1 U	7 UJ	7.1 UJ	5.1 U	4.8 U	5.4 U	
SW8270	PHENANTHRENE	ug/kg	4.5 U	5.1 U	32 J	7.1 UJ	5.1 U	4.8 U	5.4 U	
SW8270	PHENOL	ug/kg	45 U	157	189 J	195 J	147	168	178	
SW8270	PYRENE	ug/kg	4.5 U	5.1 U	19.6 J	8.54 J	5.1 U	4.8 U	5.4 U	
SW9045	pH	S.U.	10.74	10.98	11.53 J	11.35 J	11.51	11.6	11.69	

TABLE 3
SUMMARY OF VIBRACORE SEDIMENT ANALYTICAL RESULTS

		Location	OL-VC-30124	OL-VC-30124	OL-VC-30124	OL-VC-30125
Method	Parameter Name	Units				
ASTM D4643-00	SOLIDIS, PERCENT	%				
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	5720	6170	6450	16600 J
SM2540G	PERCENT MOISTURE	%				
SM2540G	SOLIDIS, PERCENT	%	60.6	57.6	59.4	31.4
SW7471	MERCURY	mg/kg	0.02 U	0.02 U	0.021 U	0.15 J
SW8082	AROCLOR-1016	ug/kg	5.4 U	5.8 U	5.5 U	21 UJ
SW8082	AROCLOR-1221	ug/kg	5.4 U	5.8 U	5.5 U	21 UJ
SW8082	AROCLOR-1232	ug/kg	5.4 U	5.8 U	5.5 U	21 UJ
SW8082	AROCLOR-1242	ug/kg	5.4 U	5.8 U	5.5 U	21 UJ
SW8082	AROCLOR-1248	ug/kg	5.4 U	5.8 U	5.5 U	21 UJ
SW8082	AROCLOR-1254	ug/kg	5.4 U	5.8 U	5.5 U	21 UJ
SW8082	AROCLOR-1260	ug/kg	5.4 U	5.8 U	5.5 U	21 UJ
SW8082	AROCLOR-1268	ug/kg	5.4 U	5.8 U	5.5 U	21 UJ
SW8082	PCBS, N.O.S.	ug/kg	5.4 U	5.8 U	5.5 U	21 UJ
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	540 U	600 U	570 U	1300 UJ
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	540 U	600 U	570 U	1300 UJ
SW8260	1,2-DICHLOROBENZENE	ug/kg	540 U	600 U	570 U	1300 UJ
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	540 U	600 U	570 U	1300 UJ
SW8260	1,3-DICHLOROBENZENE	ug/kg	540 U	600 U	570 U	1300 UJ
SW8260	1,4-DICHLOROBENZENE	ug/kg	540 U	600 U	570 U	1300 UJ
SW8260	BENZENE	ug/kg	648	568	911	2130 J
SW8260	CHLOROBENZENE	ug/kg	540 U	600 U	570 U	1300 UJ
SW8260	ETHYLBENZENE	ug/kg	470	400	516	1210 J
SW8260	NAPHTHALENE	ug/kg	48900	44000	32600	81700 J
SW8260	O-XYLENE	ug/kg	3180	2790	3430	7560 J
SW8260	TOLUENE	ug/kg	2620	2100	3070	10200 J
SW8260	XYLEMES, M & P	ug/kg	11500	10200	12400	26900 J
SW8260	XYLEMES, TOTAL	ug/kg	14700	12900	15800	34400 J
SW8270	ACENAPHTHENE	ug/kg	4.7 U	4.9 U	4.8 U	9.1 UJ
SW8270	ACENAPHTHYLENE	ug/kg	4.7 U	4.9 U	4.8 U	78.3 J
SW8270	ANTHRACENE	ug/kg	4.7 U	4.9 U	4.8 U	39.6 J
SW8270	BENZO(A)ANTHRACENE	ug/kg	4.7 U	4.9 U	4.8 U	158 J
SW8270	BENZO(A)PYRENE	ug/kg	4.7 U	4.9 U	4.8 U	143 J
SW8270	BENZO(B)FLUORANTHENE	ug/kg	4.7 U	4.9 U	4.8 U	194 J
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	4.7 U	4.9 U	4.8 U	84.6 J
SW8270	BENZO(K)FLUORANTHENE	ug/kg	4.7 U	4.9 U	4.8 U	74.3 J
SW8270	CHRYSENE	ug/kg	4.7 U	4.9 U	4.8 U	161 J
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	4.7 U	4.9 U	4.8 U	25.2 J
SW8270	FLUORANTHENE	ug/kg	4.7 U	4.9 U	4.8 U	141 J
SW8270	FLUORENE	ug/kg	4.7 U	4.9 U	4.8 U	16.7 J
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	4.7 U	4.9 U	4.8 U	77.4 J
SW8270	PHENANTHRENE	ug/kg	4.7 U	4.9 U	4.8 U	23.4 J
SW8270	PHENOL	ug/kg	176	223	166	324 J
SW8270	PYRENE	ug/kg	4.7 U	4.9 U	4.8 U	224 J
SW9045	pH	S.U.	11.45	11.55	11.16	11.6 J

TABLE 3
SUMMARY OF VIBRACORE SEDIMENT ANALYTICAL RESULTS

		Location	OL-VC-30125							
		Sample Depth	1-2 Ft	2-3 Ft	3-4 Ft	4-5 Ft	5-6 Ft	6-7 Ft	6-7 Ft	6-7 Ft
		Field Sample ID	OL-0857-18	OL-0857-19	OL-0857-20	OL-0858-01	OL-0858-02	OL-0858-03	OL-0858-04	
		Sample Date	7/31/2009	7/31/2009	7/31/2009	7/31/2009	7/31/2009	7/31/2009	7/31/2009	7/31/2009
		Sample Delivery Group	JA24578	JA24578	JA24578	JA24576	JA24576	JA24576	JA24576	JA24576
		Matrix	SOIL							
		Sample Purpose	Regular sample	Field duplicate						
		Sample Type	Sediment							
Method	Parameter Name	Units								
ASTM D4643-00	SOLIDS, PERCENT	%								
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	10500	9530	10200	10400	9170	7410	7520	
SM2540G	PERCENT MOISTURE	%								
SM2540G	SOLIDS, PERCENT	%	55.5	56.2	51.8	61	55.2	61.2	61.3	
SW7471	MERCURY	mg/kg	0.028 J	0.024 J	0.024 U	0.02 U	0.021 U	0.02 U	0.023 J	
SW8082	AROCLOR-1016	ug/kg	6 U	5.9 U	6.4 U	5.4 U	6 U	5.3 U	5.4 U	
SW8082	AROCLOR-1221	ug/kg	6 U	5.9 U	6.4 U	5.4 U	6 U	5.3 U	5.4 U	
SW8082	AROCLOR-1232	ug/kg	6 U	5.9 U	6.4 U	5.4 U	6 U	5.3 U	5.4 U	
SW8082	AROCLOR-1242	ug/kg	6 U	5.9 U	6.4 U	5.4 U	6 U	5.3 U	5.4 U	
SW8082	AROCLOR-1248	ug/kg	6 U	5.9 U	6.4 U	18.4	6 U	5.3 U	5.4 U	
SW8082	AROCLOR-1254	ug/kg	6 U	5.9 U	6.4 U	12.1	6 U	5.3 U	5.4 U	
SW8082	AROCLOR-1260	ug/kg	6 U	5.9 U	6.4 U	5.4 U	6 U	5.3 U	5.4 U	
SW8082	AROCLOR-1268	ug/kg	6 U	5.9 U	6.4 U	5.4 U	6 U	5.3 U	5.4 U	
SW8082	PCBS, N.O.S.	ug/kg	6 U	5.9 U	6.4 U	30.5	6 U	5.3 U	5.4 U	
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	650 U	640 U	720 U	570 U	660 U	570 U	570 U	
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	650 U	640 U	720 U	570 U	660 U	570 U	570 U	
SW8260	1,2-DICHLOROBENZENE	ug/kg	650 U	640 U	720 U	570 U	660 U	570 U	570 U	
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	650 U	640 U	720 U	570 U	660 U	570 U	570 U	
SW8260	1,3-DICHLOROBENZENE	ug/kg	650 U	640 U	720 U	570 U	660 U	570 U	570 U	
SW8260	1,4-DICHLOROBENZENE	ug/kg	650 U	640 U	720 U	570 U	660 U	570 U	570 U	
SW8260	BENZENE	ug/kg	520	773	1160	174	505	553	660	
SW8260	CHLOROBENZENE	ug/kg	650 U	640 U	720 U	570 U	660 U	570 U	570 U	
SW8260	ETHYLBENZENE	ug/kg	521	500	789	211	388	381	343	
SW8260	NAPHTHALENE	ug/kg	67900	50400	76800	35200	53300	34600	36100	
SW8260	O-XYLENE	ug/kg	3620	3320	5140	1580	2820	2650	2290	
SW8260	TOLUENE	ug/kg	3520	4150	6160	1240	2970	3210	3250	
SW8260	XYLENES, M & P	ug/kg	12000	11300	17500	5220	8960	8720	7720	
SW8260	XYLENES, TOTAL	ug/kg	15700	14600	22700	6800	11800	11400	10000	
SW8270	ACENAPHTHENE	ug/kg	5.1 U	5.1 U	5.5 U	4.7 U	5.2 U	4.7 U	4.7 U	
SW8270	ACENAPHTHYLENE	ug/kg	5.1 U	5.1 U	5.5 U	4.7 U	5.2 U	4.7 U	4.7 U	
SW8270	ANTHRACENE	ug/kg	5.1 U	5.1 U	5.5 U	4.7 U	5.2 U	4.7 U	4.7 U	
SW8270	BENZO(A)ANTHRACENE	ug/kg	5.1 U	5.1 U	5.5 U	4.7 U	5.2 U	4.7 U	4.7 U	
SW8270	BENZO(A)PYRENE	ug/kg	5.1 U	5.1 U	5.5 U	4.7 U	5.2 U	4.7 U	4.7 U	
SW8270	BENZO(B)FLUORANTHENE	ug/kg	5.1 U	5.1 U	5.5 U	4.7 U	5.2 U	4.7 U	4.7 U	
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	5.1 U	5.1 U	5.5 U	4.7 U	5.2 U	4.7 U	4.7 U	
SW8270	BENZO(K)FLUORANTHENE	ug/kg	5.1 U	5.1 U	5.5 U	4.7 U	5.2 U	4.7 U	4.7 U	
SW8270	CHRYSENE	ug/kg	5.1 U	5.1 U	5.5 U	4.7 U	5.2 U	4.7 U	4.7 U	
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	5.1 U	5.1 U	5.5 U	4.7 U	5.2 U	4.7 U	4.7 U	
SW8270	FLUORANTHENE	ug/kg	6.58	5.1 U	5.5 U	4.7 U	5.2 U	4.7 U	4.7 U	
SW8270	FLUORENE	ug/kg	5.1 U	5.1 U	5.5 U	4.7 U	5.2 U	4.7 U	4.7 U	
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	5.1 U	5.1 U	5.5 U	4.7 U	5.2 U	4.7 U	4.7 U	
SW8270	PHENANTHRENE	ug/kg	5.1 U	5.1 U	5.5 U	4.7 U	5.2 U	4.7 U	4.7 U	
SW8270	PHENOL	ug/kg	156 J	142	156	76.1	144	113	160	
SW8270	PYRENE	ug/kg	9.64	5.1 U	5.5 U	4.7 U	5.2 U	4.7 U	4.7 U	
SW9045	pH	S.U.	11.55	11.5	11.71	11.5	11.49	11.47	11.41	

TABLE 3
SUMMARY OF VIBRACORE SEDIMENT ANALYTICAL RESULTS

		Location	OL-VC-30125	OL-VC-30126-A	OL-VC-30126-A	OL-VC-30126
Method	Parameter Name	Units				
ASTM D4643-00	SOLIDS, PERCENT	%				
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	8110	31000 J	43800 J	62100 J
SM2540G	PERCENT MOISTURE	%		63.3	63.1	
SM2540G	SOLIDS, PERCENT	%	57.5			28.6
SW7471	MERCURY	mg/kg	0.032 J	1.87 J	3.42 J	15.9 J
SW8082	AROCLOR-1016	ug/kg	5.8 U	23 UJ	460 UJ	58 UJ
SW8082	AROCLOR-1221	ug/kg	5.8 U	23 UJ	460 UJ	58 UJ
SW8082	AROCLOR-1232	ug/kg	5.8 U	23 UJ	460 UJ	58 UJ
SW8082	AROCLOR-1242	ug/kg	5.8 U	23 UJ	460 UJ	58 UJ
SW8082	AROCLOR-1248	ug/kg	5.8 U	230 J	1900 J	1540 J
SW8082	AROCLOR-1254	ug/kg	5.8 U	200 J	1300 J	821 J
SW8082	AROCLOR-1260	ug/kg	5.8 U	100 J	720 J	258 J
SW8082	AROCLOR-1268	ug/kg	5.8 U	23 UJ	460 UJ	58 UJ
SW8082	PCBS, N.O.S.	ug/kg	5.8 U	530 J	3900 J	2620 J
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	620 U	14 UJ	14 UJ	18 UJ
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	620 U	14 UJ	14 UJ	18 UJ
SW8260	1,2-DICHLOROBENZENE	ug/kg	620 U	4 J	7 J	18 UJ
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	620 U	14 UJ	5 J	18 UJ
SW8260	1,3-DICHLOROBENZENE	ug/kg	620 U	3 J	27 J	3.3 J
SW8260	1,4-DICHLOROBENZENE	ug/kg	620 U	13 J	67 J	8 J
SW8260	BENZENE	ug/kg	281	14 UJ	14 UJ	3.6 UJ
SW8260	CHLOROBENZENE	ug/kg	620 U	9 J	48 J	11.7 J
SW8260	ETHYLBENZENE	ug/kg	260	14 UJ	14 UJ	3.6 UJ
SW8260	NAPHTHALENE	ug/kg	18500	14 UJ	14 UJ	17.2 J
SW8260	O-XYLENE	ug/kg	1730	14 UJ	8 J	3.6 UJ
SW8260	TOLUENE	ug/kg	1920	14 UJ	14 UJ	3.6 UJ
SW8260	XYLEMES, M & P	ug/kg	5760	14 UJ	8 J	7.1 UJ
SW8260	XYLEMES, TOTAL	ug/kg	7490	14 UJ	16 J	7.1 UJ
SW8270	ACENAPHTHENE	ug/kg	5 U	45 UJ	38 J	309 J
SW8270	ACENAPHTHYLENE	ug/kg	5 U	45 UJ	32 J	257 J
SW8270	ANTHRACENE	ug/kg	5 U	64 J	87 J	572 J
SW8270	BENZO(A)ANTHRACENE	ug/kg	5 U	96 J	300 J	577 J
SW8270	BENZO(A)PYRENE	ug/kg	5 U	360 J	330 J	610 J
SW8270	BENZO(B)FLUORANTHENE	ug/kg	5 U	560 J	510 J	594 J
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	5 U	57 J	180 J	421 J
SW8270	BENZO(K)FLUORANTHENE	ug/kg	5 U	81 J	190 J	616 J
SW8270	CHRYSENE	ug/kg	5 U	360 J	450 J	1020 J
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	5 U	71 J	57 J	135 J
SW8270	FLUORANTHENE	ug/kg	5 U	580 J	770 J	1400 J
SW8270	FLUORENE	ug/kg	5 U	45 UJ	60 J	5390 J
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	5 U	61 J	190 J	384 J
SW8270	PHENANTHRENE	ug/kg	5 U	76 J	330 J	1330 J
SW8270	PHENOL	ug/kg	97.7			
SW8270	PYRENE	ug/kg	5 U	620 J	780 J	1580 J
SW9045	pH	S.U.	10.97	7.89 J	7.93 J	7.95 J

TABLE 3
SUMMARY OF VIBRACORE SEDIMENT ANALYTICAL RESULTS

		Location	OL-VC-30126	OL-VC-30126	OL-VC-30126	OL-VC-30126	OL-VC-30126	OL-VC-30126	OL-VC-30126	OL-VC-30127	
		Sample Depth	1.0-2.0 Ft	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	0-1 Ft		
		Field Sample ID	OL-0837-08	OL-0837-09	OL-0837-10	OL-0837-11	OL-0837-12	OL-0837-13	OL-0848-06		
		Sample Date	7/22/2009	7/22/2009	7/22/2009	7/22/2009	7/22/2009	7/22/2009	7/22/2009	7/28/2009	
		Sample Delivery Group	JA23768	JA23768	JA23768	JA23768	JA23768	JA23768	JA23768	JA24182	
		Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	
		Sample Purpose	Regular sample	Field duplicate	Regular sample						
		Sample Type	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	
Method	Parameter Name	Units									
ASTM D4643-00	SOLIDS, PERCENT	%									
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	34600 J	10100 J	13900 J	12800 J	13800 J	10300 J	36100 J		
SM2540G	PERCENT MOISTURE	%									
SM2540G	SOLIDS, PERCENT	%	34.3	36.5	28.5	29.4	35.8	27.5	33.5		
SW7471	MERCURY	mg/kg	10.4 J	4.4 J	0.2 J	0.47 J	0.44 J	0.046 J	14 J		
SW8082	AROCLOR-1016	ug/kg	9.7 J	9 J	11 J	11 J	9.2 J	12 J	9.8 J		
SW8082	AROCLOR-1221	ug/kg	9.7 J	9 J	11 J	11 J	9.2 J	12 J	9.8 J		
SW8082	AROCLOR-1232	ug/kg	9.7 J	9 J	11 J	11 J	9.2 J	12 J	9.8 J		
SW8082	AROCLOR-1242	ug/kg	9.7 J	9 J	11 J	11 J	9.2 J	12 J	232 J		
SW8082	AROCLOR-1248	ug/kg	57 J	129 J	11 J	11 J	9.2 J	12 J	9.8 J		
SW8082	AROCLOR-1254	ug/kg	81 J	105 J	11 J	11 J	9.2 J	12 J	214 J		
SW8082	AROCLOR-1260	ug/kg	33 J	40.4 J	11 J	11 J	9.2 J	12 J	59.8 J		
SW8082	AROCLOR-1268	ug/kg	9.7 J	9 J	11 J	11 J	9.2 J	12 J	9.8 J		
SW8082	PCBS, N.O.S.	ug/kg	171 J	274 J	11 J	11 J	9.2 J	12 J	506 J		
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	13 J	14 J	18 J	17 J	15 J	17 J	14 J		
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	13 J	14 J	18 J	17 J	15 J	17 J	14 J		
SW8260	1,2-DICHLOROBENZENE	ug/kg	13 J	1.4 J	18 J	17 J	2.6 J	17 J	4.7 J		
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	3.3 J	14 J	18 J	17 J	15 J	17 J	6.1 J		
SW8260	1,3-DICHLOROBENZENE	ug/kg	13 J	14 J	18 J	17 J	15 J	17 J	4.9 J		
SW8260	1,4-DICHLOROBENZENE	ug/kg	13 J	2.7 J	18 J	17 J	4.8 J	17 J	12.3 J		
SW8260	BENZENE	ug/kg		4.4 J	5.9 J	8.3 J	7.1 J	7.7 J	4.4 J	5.1 J	
SW8260	CHLOROBENZENE	ug/kg		5.3 J	2 J	18 J	17 J	15 J	17 J	7.5 J	
SW8260	ETHYLBENZENE	ug/kg		2.7 J	2.7 J	2 J	3.1 J	5.7 J	3.5 J	2.1 J	
SW8260	NAPHTHALENE	ug/kg		28.8 J	65.2 J	422 J	625 J	2220 J	188 J	20.2 J	
SW8260	O-XYLENE	ug/kg		6.4 J	5.8 J	8.2 J	12.5 J	21.8 J	5.2 J	3.9 J	
SW8260	TOLUENE	ug/kg		2.7 J	2.7 J	6.2 J	7.4 J	10.4 J	3.6 J	2.4 J	
SW8260	XYLENES, M & P	ug/kg		6.1 J	5.6 J	12.3 J	21.4 J	41.5 J	9 J	5 J	
SW8260	XYLENES, TOTAL	ug/kg		12.4 J	11.4 J	20.6 J	33.8 J	63.3 J	14.2 J	8.9 J	
SW8270	ACENAPHTHENE	ug/kg		145 J	107 J	20 J	36.3 J	16 J	21 J	29.3 J	
SW8270	ACENAPHTHYLENE	ug/kg		250 J	164 J	20 J	71 J	153 J	21 J	91.3 J	
SW8270	ANTHRACENE	ug/kg		440 J	237 J	20 J	69.5 J	214 J	22.1 J	176 J	
SW8270	BENZO(A)ANTHRACENE	ug/kg		736 J	359 J	64.4 J	141 J	333 J	49 J	232 J	
SW8270	BENZO(A)PYRENE	ug/kg		605 J	315 J	32.7 J	123 J	269 J	31.8 J	180 J	
SW8270	BENZO(B)FLUORANTHENE	ug/kg		542 J	322 J	67 J	107 J	424 J	61.3 J	418 J	
SW8270	BENZO(G,H,I)PERYLENE	ug/kg		385 J	227 J	30.9 J	87.5 J	163 J	26.9 J	126 J	
SW8270	BENZO(K)FLUORANTHENE	ug/kg		633 J	292 J	20 J	136 J	243 J	21 J	79.6 J	
SW8270	CHRYSENE	ug/kg		1720 J	573 J	47.4 J	214 J	426 J	39.9 J	271 J	
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg		128 J	67.2 J	20 J	43.5 J	64.3 J	21 J	72.4 J	
SW8270	FLUORANTHENE	ug/kg		1040 J	689 J	213 J	287 J	512 J	82 J	476 J	
SW8270	FLUORENE	ug/kg		1160 J	744 J	22.9 J	326 J	167 J	23.4 J	1030 J	
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg		364 J	205 J	34.8 J	112 J	145 J	30.3 J	114 J	
SW8270	PHENANTHRENE	ug/kg		1050 J	664 J	74.6 J	240 J	507 J	84.2 J	299 J	
SW8270	PHENOL	ug/kg									
SW8270	PYRENE	ug/kg		1480 J	1020 J	192 J	348 J	806 J	94.6 J	493 J	
SW9045	pH	S.U.		9.51 J	9.72 J	10.79 J	11.05 J	10.94 J	10.99 J	9.18 J	

TABLE 3
SUMMARY OF VIBRACORE SEDIMENT ANALYTICAL RESULTS

		Location	OL-VC-30127	OL-VC-30127	OL-VC-30127	OL-VC-30127
	Sample Depth		1-2 Ft	1-2 Ft	2-3 Ft	3-4 Ft
	Field Sample ID		OL-0848-07	OL-0848-08	OL-0848-09	OL-0848-10
	Sample Date		7/28/2009	7/28/2009	7/28/2009	7/28/2009
	Sample Delivery Group		JA24182	JA24182	JA24182	JA24182
	Matrix		SOIL	SOIL	SOIL	SOIL
	Sample Purpose		Regular sample	Field duplicate	Regular sample	Regular sample
	Sample Type		Sediment	Sediment	Sediment	Sediment
Method	Parameter Name	Units				
ASTM D4643-00	SOLIDS, PERCENT	%				
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	12700 J	7290 J	13000 J	6960 J
SM2540G	PERCENT MOISTURE	%				
SM2540G	SOLIDS, PERCENT	%	38.3	37.1	37.9	22.2
SW7471	MERCURY	mg/kg	0.46 J	0.15 J	0.33 J	0.41 J
SW8082	AROCLOR-1016	ug/kg	8.7	8.8 UJ	8.8 UJ	15 UJ
SW8082	AROCLOR-1221	ug/kg	8.7	8.8 UJ	8.8 UJ	15 UJ
SW8082	AROCLOR-1232	ug/kg	8.7	8.8 UJ	8.8 UJ	15 UJ
SW8082	AROCLOR-1242	ug/kg	8.7	8.8 UJ	8.8 UJ	15 UJ
SW8082	AROCLOR-1248	ug/kg	13.3 J	8.8 UJ	14.1 J	15 UJ
SW8082	AROCLOR-1254	ug/kg	10.6 J	8.8 UJ	9.3 J	15 UJ
SW8082	AROCLOR-1260	ug/kg	8.7	8.8 UJ	8.8 UJ	15 UJ
SW8082	AROCLOR-1268	ug/kg	8.7	8.8 UJ	8.8 UJ	15 UJ
SW8082	PCBS, N.O.S.	ug/kg	23.9 J	8.8 UJ	23.4 J	15 UJ
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	13	12 UJ	12 UJ	25 UJ
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	13	12 UJ	12 UJ	25 UJ
SW8260	1,2-DICHLOROBENZENE	ug/kg	0.88 J	12 UJ	2 J	2.3 J
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	0.59 J	12 UJ	12 UJ	25 UJ
SW8260	1,3-DICHLOROBENZENE	ug/kg	13	12 UJ	12 UJ	25 UJ
SW8260	1,4-DICHLOROBENZENE	ug/kg	1.5 J	0.88 J	2.8 J	3.7 J
SW8260	BENZENE	ug/kg	11.2 J	10.8 J	11.9 J	35.9 J
SW8260	CHLOROBENZENE	ug/kg	13	12 UJ	12 UJ	2 J
SW8260	ETHYLBENZENE	ug/kg	2.6	2.5 UJ	2.7 J	3.3 J
SW8260	NAPHTHALENE	ug/kg	18.9 J	14.7 J	142 J	292 J
SW8260	O-XYLENE	ug/kg	1.8 J	1.3 J	7.1 J	11.6 J
SW8260	TOLUENE	ug/kg	4.1 J	4 J	9.2 J	21.6 J
SW8260	XYLEMES, M & P	ug/kg	2.7 J	1.9 J	11.5 J	22.7 J
SW8260	XYLEMES, TOTAL	ug/kg	4.5 J	3.3 J	18.6 J	34.3 J
SW8270	ACENAPHTHENE	ug/kg	15	15 UJ	30.8 J	21.3 J
SW8270	ACENAPHTHYLENE	ug/kg	7.9 J	9.29 J	105 J	118 J
SW8270	ANTHRACENE	ug/kg	11.2 J	13.5 J	98.2 J	138 J
SW8270	BENZO(A)ANTHRACENE	ug/kg	24.4 J	22.2 J	228 J	316 J
SW8270	BENZO(A)PYRENE	ug/kg	17.7 J	21.2 J	169 J	198 J
SW8270	BENZO(B)FLUORANTHENE	ug/kg	38.5 J	34.7 J	385 J	342 J
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	13.5 J	14.2 J	116 J	142 J
SW8270	BENZO(K)FLUORANTHENE	ug/kg	9.27 J	16.4 J	71.3 J	77.2 J
SW8270	CHRYSENE	ug/kg	17.4 J	23.3 J	249 J	218 J
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	15	15 UJ	68.4 J	33.4 J
SW8270	FLUORANTHENE	ug/kg	51.9 J	58.6 J	407 J	497 J
SW8270	FLUORENE	ug/kg	51.8 J	51.2 J	430 J	218 J
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	9.73 J	11.6 J	118 J	115 J
SW8270	PHENANTHRENE	ug/kg	39.1 J	42.4 J	288 J	446 J
SW8270	PHENOL	ug/kg				
SW8270	PYRENE	ug/kg	59.7 J	65.6 J	445 J	573 J
SW9045	pH	S.U.	10.71 J	10.87 J	11.04 J	11.35 J

TABLE 3
SUMMARY OF VIBRACORE SEDIMENT ANALYTICAL RESULTS

		Location	OL-VC-30127	OL-VC-30127	OL-VC-30128	OL-VC-30128	OL-VC-30128	OL-VC-30128	OL-VC-30128	OL-VC-30128
		Sample Depth	4-5 Ft	5-6 Ft	0-1 Ft	1-2 Ft	2-3 Ft	3-4 Ft	4-5 Ft	
		Field Sample ID	OL-0848-11	OL-0848-12	OL-0847-20	OL-0848-01	OL-0848-02	OL-0848-03	OL-0848-04	
		Sample Date	7/28/2009	7/28/2009	7/28/2009	7/28/2009	7/28/2009	7/28/2009	7/28/2009	
		Sample Delivery Group	JA24182	JA24182	JA24181	JA24182	JA24182	JA24182	JA24182	
		Matrix	SOIL							
		Sample Purpose	Regular sample							
		Sample Type	Sediment							
Method	Parameter Name	Units								
ASTM D4643-00	SOLIDS, PERCENT	%			33.7					
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	6550 J	7960 J	35000 J	74200 J	8050 J	7520 J	3310	
SM2540G	PERCENT MOISTURE	%								
SM2540G	SOLIDS, PERCENT	%	20.4	18.1		27.5	24.9	21.3	19.4	
SW7471	MERCURY	mg/kg	0.2 J	0.36 J	4.2 J	13.5 J	0.39 J	0.49 J	0.23	
SW8082	AROCLOR-1016	ug/kg	16 UJ	18 UJ	9.9 UJ	12 UJ	13 UJ	16 UJ	17	
SW8082	AROCLOR-1221	ug/kg	16 UJ	18 UJ	9.9 UJ	12 UJ	13 UJ	16 UJ	17	
SW8082	AROCLOR-1232	ug/kg	16 UJ	18 UJ	9.9 UJ	12 UJ	13 UJ	16 UJ	17	
SW8082	AROCLOR-1242	ug/kg	16 UJ	18 UJ	9.9 UJ	12 UJ	13 UJ	16 UJ	17	
SW8082	AROCLOR-1248	ug/kg	16 UJ	68.8 J	580 J	540 J	23 J	28.9 J	17	
SW8082	AROCLOR-1254	ug/kg	16 UJ	58.5 J	331 J	452 J	20.2 J	16 UJ	17	
SW8082	AROCLOR-1260	ug/kg	16 UJ	22 J	143 J	166 J	13 UJ	16 UJ	17	
SW8082	AROCLOR-1268	ug/kg	16 UJ	18 UJ	9.9 UJ	12 UJ	13 UJ	16 UJ	17	
SW8082	PCBS, N.O.S.	ug/kg	16 UJ	149 J	1050 J	1160 J	43.2 J	28.9 J	17	
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	25 UJ	29 UJ	14 UJ	17 UJ	21 UJ	22 UJ	24	
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	25 UJ	29 UJ	14 UJ	17 UJ	21 UJ	22 UJ	24	
SW8260	1,2-DICHLOROBENZENE	ug/kg	1.9 J	1.7 J	3.6 J	6.2 J	2.2 J	3.2 J	2.4	
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	25 UJ	29 UJ	14 UJ	8 J	21 UJ	22 UJ	24	
SW8260	1,3-DICHLOROBENZENE	ug/kg	25 UJ	29 UJ	7 J	5.5 J	21 UJ	22 UJ	24	
SW8260	1,4-DICHLOROBENZENE	ug/kg	3.5 J	3.1 J	14.9 J	12.9 J	2.4 J	3.7 J	2.7	
SW8260	BENZENE	ug/kg	39.4 J	38.4 J	2.9 UJ	9.4 J	23.9 J	31.1 J	49.6	
SW8260	CHLOROBENZENE	ug/kg	2.1 J	29 UJ	17 J	9.2 J	1.6 J	2.1 J	2.7	
SW8260	ETHYLBENZENE	ug/kg	3 J	2.9 J	2.9 UJ	2 J	3 J	4.4 J	4.3	
SW8260	NAPHTHALENE	ug/kg	232 J	244 J	14 UJ	46.1 J	210 J	489 J	317	
SW8260	O-XYLENE	ug/kg	11.4 J	10 J	4.2 J	10.1 J	11.6 J	18.1 J	19.3	
SW8260	TOLUENE	ug/kg	24.1 J	22.8 J	2.9 UJ	3.8 J	13.5 J	20.4 J	29.5	
SW8260	XYLENES, M & P	ug/kg	23.8 J	22.7 J	2.8 J	11.1 J	23.8 J	35.8 J	38.8	
SW8260	XYLENES, TOTAL	ug/kg	35.2 J	32.7 J	7 J	21.2 J	35.4 J	53.9 J	58.1	
SW8270	ACENAPHTHENE	ug/kg	28 UJ	32 UJ	16.6 J	130 J	45.6 J	36.9 J	29	
SW8270	ACENAPHTHYLENE	ug/kg	28 UJ	32 UJ	48 J	288 J	87.7 J	125 J	26.9	
SW8270	ANTHRACENE	ug/kg	18.5 J	23.5 J	61.4 J	392 J	179 J	181 J	62.7	
SW8270	BENZO(A)ANTHRACENE	ug/kg	26.8 J	44.4 J	160 J	659 J	246 J	252 J	61.1	
SW8270	BENZO(A)PYRENE	ug/kg	20.8 J	46.3 J	143 J	470 J	156 J	142 J	61.3	
SW8270	BENZO(B)FLUORANTHENE	ug/kg	37.6 J	76.7 J	369 J	851 J	317 J	210 J	85.7	
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	28 UJ	40.2 J	99.4 J	285 J	135 J	82.6 J	39.2	
SW8270	BENZO(K)FLUORANTHENE	ug/kg	11.5 J	31.3 J	84.8 J	236 J	69.6 J	56.4 J	42.5	
SW8270	CHRYSENE	ug/kg	29.1 J	42.7 J	184 J	818 J	186 J	184 J	46.5	
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	28 UJ	32 UJ	70.3 J	127 J	31.3 J	20.5 J	29	
SW8270	FLUORANTHENE	ug/kg	87.3 J	123 J	343 J	1630 J	516 J	441 J	127	
SW8270	FLUORENE	ug/kg	44.9 J	64.5 J	568 J	3680 J	472 J	298 J	23.1	
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	28 UJ	32.1 J	90 J	296 J	106 J	63.9 J	34.1	
SW8270	PHENANTHRENE	ug/kg	87.7 J	86.1 J	200 J	1680 J	535 J	621 J	143	
SW8270	PHENOL	ug/kg								
SW8270	PYRENE	ug/kg	90.2 J	122 J	312 J	1650 J	530 J	651 J	171	
SW9045	pH	S.U.	11.92 J	11.85 J	7.87 J	8.81 J	10.9 J	11.15 J	11.52	

TABLE 3
SUMMARY OF VIBRACORE SEDIMENT ANALYTICAL RESULTS

		Location	OL-VC-30128	OL-VC-30144	OL-VC-30144	OL-VC-30144
	Sample Depth		5-6 Ft	0.00-0.50 Ft	0.50-1.00 Ft	1.00-2.00 Ft
	Field Sample ID		OL-0848-05	OL-1025-17	OL-1025-18	OL-1025-19
	Sample Date		7/28/2009	9/23/2009	9/23/2009	9/23/2009
	Sample Delivery Group		JA24182	OLS05	OLS05	OLS05
	Matrix		SOIL	SOIL	SOIL	SOIL
	Sample Purpose		Regular sample	Regular sample	Regular sample	Regular sample
	Sample Type		Sediment	Sediment	Sediment	Sediment
Method	Parameter Name	Units				
ASTM D4643-00	SOLIDS, PERCENT	%				
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	J	5370 J	25900 J	24000 J
SM2540G	PERCENT MOISTURE	%			57.8	55.1
SM2540G	SOLIDS, PERCENT	%		17.1		61.7
SW7471	MERCURY	mg/kg	J	0.23 J	1.56 J	1.93 J
SW8082	AROCLOR-1016	ug/kg	UJ	19 UJ	20 UJ	19 UJ
SW8082	AROCLOR-1221	ug/kg	UJ	19 UJ	20 UJ	19 UJ
SW8082	AROCLOR-1232	ug/kg	UJ	19 UJ	20 UJ	19 UJ
SW8082	AROCLOR-1242	ug/kg	UJ	19 UJ	20 UJ	19 UJ
SW8082	AROCLOR-1248	ug/kg	UJ	19 UJ	63 J	67 J
SW8082	AROCLOR-1254	ug/kg	UJ	19 UJ	37 J	42 J
SW8082	AROCLOR-1260	ug/kg	UJ	19 UJ	25 J	23 J
SW8082	AROCLOR-1268	ug/kg	UJ	19 UJ	20 UJ	19 UJ
SW8082	PCBS, N.O.S.	ug/kg	UJ	19 UJ	120 J	130 J
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	UJ	31 UJ	12 J	11 UJ
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	UJ	2.9 J	12 UJ	11 UJ
SW8260	1,2-DICHLOROBENZENE	ug/kg	J	5.8 J	12 UJ	11 UJ
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	UJ	31 UJ	12 UJ	11 UJ
SW8260	1,3-DICHLOROBENZENE	ug/kg	UJ	31 UJ	12 UJ	11 UJ
SW8260	1,4-DICHLOROBENZENE	ug/kg	J	8.6 J	4 J	4 J
SW8260	BENZENE	ug/kg	J	54.9 J	12 UJ	11 UJ
SW8260	CHLOROBENZENE	ug/kg	J	4.9 J	12 UJ	2 J
SW8260	ETHYLBENZENE	ug/kg	J	8 J	12 UJ	11 UJ
SW8260	NAPHTHALENE	ug/kg	J	758 J	12 UJ	11 UJ
SW8260	O-XYLENE	ug/kg	J	38.7 J	12 UJ	11 UJ
SW8260	TOLUENE	ug/kg	J	40.9 J	12 UJ	11 UJ
SW8260	XYLEMES, M & P	ug/kg	J	81.5 J	12 UJ	11 UJ
SW8260	XYLEMES, TOTAL	ug/kg	J	120 J	12 UJ	11 UJ
SW8270	ACENAPHTHENE	ug/kg	UJ	33 UJ	39 UJ	37 UJ
SW8270	ACENAPHTHYLENE	ug/kg	J	33 UJ	11 J	11 J
SW8270	ANTHRACENE	ug/kg	J	36 J	25 J	25 J
SW8270	BENZO(A)ANTHRACENE	ug/kg	J	27.7 J	230 J	170 J
SW8270	BENZO(A)PYRENE	ug/kg	J	21.8 J	270 J	200 J
SW8270	BENZO(B)FLUORANTHENE	ug/kg	J	32.9 J	410 J	320 J
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	J	33 UJ	160 J	120 J
SW8270	BENZO(K)FLUORANTHENE	ug/kg	J	13.2 J	170 J	130 J
SW8270	CHRYSENE	ug/kg	J	18.8 J	280 J	250 J
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	UJ	33 UJ	49 J	35 J
SW8270	FLUORANTHENE	ug/kg	J	52.9 J	610 J	450 J
SW8270	FLUORENE	ug/kg	J	68 J	17 J	15 J
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	J	33 UJ	160 J	120 J
SW8270	PHENANTHRENE	ug/kg	J	99.6 J	150 J	130 J
SW8270	PHENOL	ug/kg			160 UJ	150 UJ
SW8270	PYRENE	ug/kg	J	80.5 J	520 J	400 J
SW9045	pH	S.U.	J	11.49 J	7.5 J	7.59 J
						7.78 J

TABLE 3
SUMMARY OF VIBRACORE SEDIMENT ANALYTICAL RESULTS

		Location	OL-VC-30144	OL-VC-30144	OL-VC-30145	OL-VC-30145	OL-VC-30145	OL-VC-30145	OL-VC-30145	OL-VC-30145
		Sample Depth	2.00-3.00 Ft	3.00-4.00 Ft	0.00-0.50 Ft	0.50-1.00 Ft	1.00-2.00 Ft	2.00-3.00 Ft	3.00-4.00 Ft	
		Field Sample ID	OL-1025-20	OL-1026-01	OL-1025-12	OL-1025-13	OL-1025-14	OL-1025-15	OL-1025-16	
		Sample Date	9/23/2009	9/23/2009	9/23/2009	9/23/2009	9/23/2009	9/23/2009	9/23/2009	
		Sample Delivery Group	OLS05	OLS06	OLS05	OLS05	OLS05	OLS05	OLS05	
		Matrix	SOIL							
		Sample Purpose	Regular sample							
		Sample Type	Sediment							
Method	Parameter Name	Units								
ASTM D4643-00	SOLIDS, PERCENT	%								
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	34300 J	31100 J	6070	19200	23500	30500	31800	
SM2540G	PERCENT MOISTURE	%	56.7	56.7	35.4	37.4	45.1	47.2	48.3	
SM2540G	SOLIDS, PERCENT	%								
SW7471	MERCURY	mg/kg	16.4 J	2.52 J	1.02 J	2.12 J	9.69 J	5.75 J	0.248 J	
SW8082	AROCLOR-1016	ug/kg	390 UJ	20 UJ	13 U	14 U	150 U	16 U	16 U	
SW8082	AROCLOR-1221	ug/kg	390 UJ	20 UJ	13 U	14 U	150 U	16 U	16 U	
SW8082	AROCLOR-1232	ug/kg	390 UJ	20 UJ	13 U	14 U	150 U	16 U	16 U	
SW8082	AROCLOR-1242	ug/kg	390 UJ	20 UJ	13 U	14 U	150 U	16 U	16 U	
SW8082	AROCLOR-1248	ug/kg	960 J	73 J	16	170	540	36	23	
SW8082	AROCLOR-1254	ug/kg	620 J	170 J	7.4 J	120	300	130	67	
SW8082	AROCLOR-1260	ug/kg	390 UJ	77 J	4.6 J	55	150 U	44	36	
SW8082	AROCLOR-1268	ug/kg	240 J	20 UJ	13 U	14 U	150 J	16 U	16 U	
SW8082	PCBS, N.O.S.	ug/kg	1800 J	320 J	28	340	990	210	130	
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	12 UJ	11 UJ	8 U	8 U	9 U	10 U	9 U	
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	12 UJ	11 UJ	8 U	8 U	9 U	10 U	9 U	
SW8260	1,2-DICHLOROBENZENE	ug/kg	4 J	11 UJ	8 U	8 U	9 U	10 U	9 U	
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	2 J	11 UJ	8 U	8 U	9 U	10 U	9 U	
SW8260	1,3-DICHLOROBENZENE	ug/kg	26 J	11 UJ	8 U	4 J	9 U	10 U	9 U	
SW8260	1,4-DICHLOROBENZENE	ug/kg	16 J	11 UJ	8 U	5 J	2 J	10 U	9 U	
SW8260	BENZENE	ug/kg	1 J	2 J	8 U	2 J	4 J	5 J	3 J	
SW8260	CHLOROBENZENE	ug/kg	8 J	11 UJ	8 U	3 J	9 U	10 U	9 U	
SW8260	ETHYLBENZENE	ug/kg	12 UJ	11 UJ	8 U	8 U	9 U	10 U	9 U	
SW8260	NAPHTHALENE	ug/kg	12 UJ	11 UJ	8 U	2 J	2 J	5 J	2 J	
SW8260	O-XYLENE	ug/kg	9 J	11 UJ	8 U	8 U	9 U	10 U	9 U	
SW8260	TOLUENE	ug/kg	12 UJ	11 UJ	8 U	8 U	9 U	10 U	9 U	
SW8260	XYLENES, M & P	ug/kg	9 J	11 UJ	8 U	2 J	9 U	10 U	9 U	
SW8260	XYLENES, TOTAL	ug/kg	21 J	11 UJ	8 U	2 J	9 U	10 U	9 U	
SW8270	ACENAPHTHENE	ug/kg	83 J	38 UJ	26 U	27 U	30 U	18 J	43	
SW8270	ACENAPHTHYLENE	ug/kg	51 J	23 J	26 U	12 J	13 J	23 J	58 J	
SW8270	ANTHRACENE	ug/kg	160 J	34 J	5.3 J	18 J	32	34	57	
SW8270	BENZO(A)ANTHRACENE	ug/kg	490 J	130 J	35	140	120	160	260	
SW8270	BENZO(A)PYRENE	ug/kg	430 J	120 J	40	100	79	110	200	
SW8270	BENZO(B)FLUORANTHENE	ug/kg	700 J	170 J	76	180	140	170	280	
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	220 J	80 J	20 J	55	29 J	43	85	
SW8270	BENZO(K)FLUORANTHENE	ug/kg	320 J	75 J	20 J	57	39	71	130	
SW8270	CHRYSENE	ug/kg	830 J	200 J	40	210	190	250	420	
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	61 J	16 J	26 U	18 J	30 U	15 J	22 J	
SW8270	FLUORANTHENE	ug/kg	1500 J	360 J	96	370	360	510	870	
SW8270	FLUORENE	ug/kg	160 J	33 J	26 U	18 J	24 J	34	76	
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	200 J	70 J	27	53	36	43	79	
SW8270	PHENANTHRENENE	ug/kg	1100 J	200 J	31	120	180	250	580	
SW8270	PHENOL	ug/kg	150 UJ	150 UJ	100 U	110 U	120 U	130 U	130 U	
SW8270	PYRENE	ug/kg	1600 J	420 J	87	380	350	570	1100	
SW9045	pH	S.U.	7.75 J	7.74 J	7.4	7.39	7.16	7.13	7.12	

TABLE 3
SUMMARY OF VIBRACORE SEDIMENT ANALYTICAL RESULTS

		Location	OL-VC-30146	OL-VC-30146	OL-VC-30146	OL-VC-30146
Method	Parameter Name	Units				
ASTM D4643-00	SOLIDIS, PERCENT	%				
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	13100 J	18700 J	30100 J	22700 J
SM2540G	PERCENT MOISTURE	%	69.8	66.9	82.2	80
SM2540G	SOLIDIS, PERCENT	%				
SW7471	MERCURY	mg/kg	0.0868 J	0.124 J	0.061 UJ	0.102 J
SW8082	AROCLOR-1016	ug/kg	28 UJ	26 UJ	32 UJ	28 UJ
SW8082	AROCLOR-1221	ug/kg	28 UJ	26 UJ	32 UJ	28 UJ
SW8082	AROCLOR-1232	ug/kg	28 UJ	26 UJ	32 UJ	28 UJ
SW8082	AROCLOR-1242	ug/kg	28 UJ	26 UJ	32 UJ	28 UJ
SW8082	AROCLOR-1248	ug/kg	28 UJ	8.8 J	32 UJ	28 UJ
SW8082	AROCLOR-1254	ug/kg	28 UJ	24 J	29 J	7.3 J
SW8082	AROCLOR-1260	ug/kg	28 UJ	14 J	11 J	15 J
SW8082	AROCLOR-1268	ug/kg	28 UJ	26 UJ	32 UJ	28 UJ
SW8082	PCBS, N.O.S.	ug/kg	28 UJ	47 J	40 J	23 J
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	16 UJ	16 UJ	30 UJ	27 UJ
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	16 UJ	16 UJ	30 UJ	27 UJ
SW8260	1,2-DICHLOROBENZENE	ug/kg	16 UJ	16 UJ	30 UJ	27 UJ
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	16 UJ	16 UJ	30 UJ	27 UJ
SW8260	1,3-DICHLOROBENZENE	ug/kg	16 UJ	16 UJ	30 UJ	27 UJ
SW8260	1,4-DICHLOROBENZENE	ug/kg	16 UJ	16 UJ	30 UJ	27 UJ
SW8260	BENZENE	ug/kg	7 J	9 J	24 J	22 J
SW8260	CHLOROBENZENE	ug/kg	16 UJ	16 UJ	30 UJ	27 UJ
SW8260	ETHYLBENZENE	ug/kg	16 UJ	16 UJ	30 UJ	27 UJ
SW8260	NAPHTHALENE	ug/kg	8 J	16 J	41 J	49 J
SW8260	O-XYLENE	ug/kg	16 UJ	3 J	8 J	8 J
SW8260	TOLUENE	ug/kg	4 J	6 J	15 J	14 J
SW8260	XYLENES, M & P	ug/kg	16 UJ	3 J	8 J	9 J
SW8260	XYLENES, TOTAL	ug/kg	16 UJ	7 J	16 J	19 J
SW8270	ACENAPHTHENE	ug/kg	55 UJ	50 UJ	94 UJ	83 UJ
SW8270	ACENAPHTHYLENE	ug/kg	55 UJ	12 J	94 UJ	18 J
SW8270	ANTHRACENE	ug/kg	55 UJ	50 UJ	25 J	31 J
SW8270	BENZO(A)ANTHRACENE	ug/kg	55 UJ	60 J	95 J	52 J
SW8270	BENZO(A)PYRENE	ug/kg	55 UJ	68 J	39 J	57 J
SW8270	BENZO(B)FLUORANTHENE	ug/kg	55 UJ	100 J	78 J	51 J
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	55 UJ	48 J	94 UJ	83 UJ
SW8270	BENZO(K)FLUORANTHENE	ug/kg	55 UJ	26 J	94 UJ	83 UJ
SW8270	CHRYSENE	ug/kg	55 UJ	110 J	96 J	91 J
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	55 UJ	22 J	94 UJ	83 UJ
SW8270	FLUORANTHENE	ug/kg	260 J	230 J	210 J	170 J
SW8270	FLUORENE	ug/kg	55 UJ	50 UJ	94 UJ	83 UJ
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	55 UJ	48 J	94 UJ	83 UJ
SW8270	PHENANTHRENE	ug/kg	23 J	120 J	130 J	130 J
SW8270	PHENOL	ug/kg	3900 J	3500 J	12000 J	8800 J
SW8270	PYRENE	ug/kg	170 J	170 J	190 J	170 J
SW9045	pH	S.U.	11.6 J	11.5 J	11.9 J	12 J

TABLE 3
SUMMARY OF VIBRACORE SEDIMENT ANALYTICAL RESULTS

		Location	OL-VC-30146	OL-VC-30147	OL-VC-30147	OL-VC-30147	OL-VC-30147	OL-VC-30147	OL-VC-30147	OL-VC-30148
		Sample Depth	3.00-4.00 Ft	0.00-0.50 Ft	0.50-1.00 Ft	1.00-2.00 Ft	2.00-3.00 Ft	3.00-4.00 Ft	0.00-0.50 Ft	
		Field Sample ID	OL-1030-05	OL-1030-06	OL-1030-07	OL-1030-08	OL-1030-09	OL-1030-10	OL-1028-06	
		Sample Date	9/28/2009	9/28/2009	9/28/2009	9/28/2009	9/28/2009	9/28/2009	9/24/2009	
		Sample Delivery Group	OLS10	OLS08						
		Matrix	SOIL							
		Sample Purpose	Regular sample							
		Sample Type	Sediment							
Method	Parameter Name	Units								
ASTM D4643-00	SOLIDS, PERCENT	%								
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	18500 J	28100 J	34200 J	39000 J	20400 J	23600 J	15000	
SM2540G	PERCENT MOISTURE	%	74.7	58.9	55.6	66.2	76.4	62.4	65.4	
SM2540G	SOLIDS, PERCENT	%								
SW7471	MERCURY	mg/kg	0.0426 UJ	3.06 J	3.4 J	21.4 J	0.498 J	0.577 J	0.131	
SW8082	AROCLOR-1016	ug/kg	22 UJ	21 UJ	380 UJ	500 UJ	24 UJ	23 UJ	25	
SW8082	AROCLOR-1221	ug/kg	22 UJ	21 UJ	380 UJ	500 UJ	24 UJ	23 UJ	25	
SW8082	AROCLOR-1232	ug/kg	22 UJ	21 UJ	380 UJ	500 UJ	24 UJ	23 UJ	25	
SW8082	AROCLOR-1242	ug/kg	22 UJ	21 UJ	380 UJ	500 UJ	24 UJ	23 UJ	25	
SW8082	AROCLOR-1248	ug/kg	22 UJ	34 J	790 J	1400 J	21 J	14 J	25	
SW8082	AROCLOR-1254	ug/kg	5.9 J	36 J	540 J	910 J	38 J	41 J	25	
SW8082	AROCLOR-1260	ug/kg	22 UJ	16 J	240 J	340 J	9.2 J	16 J	7.2	
SW8082	AROCLOR-1268	ug/kg	22 UJ	21 UJ	380 UJ	500 UJ	24 UJ	23 UJ	25	
SW8082	PCBS, N.O.S.	ug/kg	22 UJ	86 J	1600 J	2700 J	68 J	71 J	25	
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	21 UJ	12 UJ	11 UJ	14 UJ	20 UJ	13 UJ	15	
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	21 UJ	12 UJ	11 UJ	14 UJ	20 UJ	13 UJ	15	
SW8260	1,2-DICHLOROBENZENE	ug/kg	21 UJ	2 J	3 J	7 J	20 UJ	13 UJ	3	
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	21 UJ	12 UJ	3 J	7 J	20 UJ	13 UJ	15	
SW8260	1,3-DICHLOROBENZENE	ug/kg	21 UJ	12 UJ	23 J	8 J	20 UJ	13 UJ	15	
SW8260	1,4-DICHLOROBENZENE	ug/kg	21 UJ	6 J	41 J	31 J	20 UJ	3 J	5	
SW8260	BENZENE	ug/kg	20 J	12 UJ	11 UJ	9 J	15 J	9 J	9	
SW8260	CHLOROBENZENE	ug/kg	21 UJ	3 J	17 J	8 J	20 UJ	13 UJ	15	
SW8260	ETHYLBENZENE	ug/kg	21 UJ	12 UJ	11 UJ	14 UJ	20 UJ	13 UJ	15	
SW8260	NAPHTHALENE	ug/kg	24 J	12 UJ	11 UJ	5 J	14 J	12 J	44	
SW8260	O-XYLENE	ug/kg	6 J	12 UJ	3 J	6 J	20 UJ	13 UJ	5	
SW8260	TOLUENE	ug/kg	11 J	12 UJ	11 UJ	5 J	7 J	6 J	10	
SW8260	XYLENES, M & P	ug/kg	6 J	12 UJ	4 J	8 J	20 UJ	3 J	9	
SW8260	XYLENES, TOTAL	ug/kg	11 J	12 UJ	7 J	14 J	20 UJ	3 J	15	
SW8270	ACENAPHTHENE	ug/kg	66 UJ	41 UJ	41 J	56 J	710 UJ	44 UJ	9.2	
SW8270	ACENAPHTHYLENE	ug/kg	66 UJ	20 J	51 J	81 J	710 UJ	17 J	17	
SW8270	ANTHRACENE	ug/kg	66 UJ	34 J	88 J	180 J	8.6 J	26 J	25	
SW8270	BENZO(A)ANTHRACENE	ug/kg	9.9 J	170 J	390 J	490 J	710 UJ	97 J	80	
SW8270	BENZO(A)PYRENE	ug/kg	66 UJ	220 J	370 J	470 J	710 UJ	93 J	81	
SW8270	BENZO(B)FLUORANTHENE	ug/kg	7.4 J	320 J	610 J	760 J	710 UJ	150 J	130	
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	66 UJ	160 J	290 J	380 J	8.5 J	77 J	49	
SW8270	BENZO(K)FLUORANTHENE	ug/kg	66 UJ	110 J	170 J	260 J	710 UJ	47 J	42	
SW8270	CHRYSENE	ug/kg	66 UJ	190 J	530 J	750 J	710 UJ	140 J	92	
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	66 UJ	69 J	71 J	110 J	710 UJ	23 J	19	
SW8270	FLUORANTHENE	ug/kg	66 UJ	330 J	920 J	1400 J	76 J	320 J	180	
SW8270	FLUORENE	ug/kg	66 UJ	23 J	90 J	120 J	710 UJ	32 J	17	
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	66 UJ	160 J	270 J	300 J	8.4 J	67 J	47	
SW8270	PHENANTHRENE	ug/kg	66 UJ	110 J	350 J	900 J	710 UJ	170 J	93	
SW8270	PHENOL	ug/kg	5800 J	160 UJ	150 UJ	3000 J	16000 J	6400 J	2500	
SW8270	PYRENE	ug/kg	66 UJ	330 J	840 J	1300 J	710 UJ	260 J	160	
SW9045	pH	S.U.	12 J	8.04 J	7.97 J	9.35 J	11 J	11.3 J	11.4	

TABLE 3
SUMMARY OF VIBRACORE SEDIMENT ANALYTICAL RESULTS

		Location	OL-VC-30148	OL-VC-30148	OL-VC-30148	OL-VC-30148
Method	Parameter Name	Units				
ASTM D4643-00	SOLIDS, PERCENT	%				
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	J	16700 J	17200 J	20600 J
SM2540G	PERCENT MOISTURE	%		71.9	72.9	78.4
SM2540G	SOLIDS, PERCENT	%				75.9
SW7471	MERCURY	mg/kg	J	0.336 J	0.0398 J	0.227 J
SW8082	AROCLOR-1016	ug/kg	UJ	20 UJ	21 UJ	26 UJ
SW8082	AROCLOR-1221	ug/kg	UJ	20 UJ	21 UJ	26 UJ
SW8082	AROCLOR-1232	ug/kg	UJ	20 UJ	21 UJ	26 UJ
SW8082	AROCLOR-1242	ug/kg	UJ	20 UJ	21 UJ	26 UJ
SW8082	AROCLOR-1248	ug/kg	UJ	20 UJ	21 UJ	26 UJ
SW8082	AROCLOR-1254	ug/kg	UJ	20 UJ	21 UJ	26 UJ
SW8082	AROCLOR-1260	ug/kg	J	20 UJ	21 UJ	26 UJ
SW8082	AROCLOR-1268	ug/kg	UJ	20 UJ	21 UJ	26 UJ
SW8082	PCBS, N.O.S.	ug/kg	UJ	20 UJ	21 UJ	26 UJ
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	UJ	19 UJ	20 UJ	23 UJ
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	UJ	19 UJ	20 UJ	23 UJ
SW8260	1,2-DICHLOROBENZENE	ug/kg	J	19 UJ	20 UJ	23 UJ
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	UJ	19 UJ	20 UJ	23 UJ
SW8260	1,3-DICHLOROBENZENE	ug/kg	UJ	19 UJ	20 UJ	23 UJ
SW8260	1,4-DICHLOROBENZENE	ug/kg	J	19 UJ	20 UJ	7 J
SW8260	BENZENE	ug/kg	J	16 J	18 J	31 J
SW8260	CHLOROBENZENE	ug/kg	UJ	19 UJ	20 UJ	23 UJ
SW8260	ETHYLBENZENE	ug/kg	UJ	19 UJ	20 UJ	23 UJ
SW8260	NAPHTHALENE	ug/kg	J	36 J	39 J	91 J
SW8260	O-XYLENE	ug/kg	J	5 J	6 J	11 J
SW8260	TOLUENE	ug/kg	J	14 J	16 J	32 J
SW8260	XYLENES, M & P	ug/kg	J	9 J	9 J	22 J
SW8260	XYLENES, TOTAL	ug/kg	J	15 J	16 J	33 J
SW8270	ACENAPHTHENE	ug/kg	J	59 UJ	9.3 J	8.1 J
SW8270	ACENAPHTHYLENE	ug/kg	J	21 J	15 J	9.6 J
SW8270	ANTHRACENE	ug/kg	J	38 J	37 J	31 J
SW8270	BENZO(A)ANTHRACENE	ug/kg	J	110 J	93 J	69 J
SW8270	BENZO(A)PYRENE	ug/kg	J	90 J	78 J	45 J
SW8270	BENZO(B)FLUORANTHENE	ug/kg	J	160 J	75 J	59 J
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	J	57 J	40 J	19 J
SW8270	BENZO(K)FLUORANTHENE	ug/kg	J	64 J	45 J	25 J
SW8270	CHRYSENE	ug/kg	J	130 J	99 J	72 J
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	J	59 UJ	9.1 J	7.7 UJ
SW8270	FLUORANTHENE	ug/kg	J	270 J	250 J	170 J
SW8270	FLUORENE	ug/kg	J	59 UJ	16 J	7.4 J
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	J	56 J	42 J	21 J
SW8270	PHENANTHRENE	ug/kg	J	150 J	120 J	110 J
SW8270	PHENOL	ug/kg	J	4400 J	3200 J	1800 J
SW8270	PYRENE	ug/kg	J	250 J	260 J	160 J
SW9045	pH	S.U.	J	11.8 J	12.1 J	12.1 J

TABLE 3
SUMMARY OF VIBRACORE SEDIMENT ANALYTICAL RESULTS

		Location	OL-VC-30148	OL-VC-30149						
		Sample Depth	3.00-4.00 Ft	0.00-0.50 Ft	0.50-1.00 Ft	1.00-2.00 Ft	2.00-3.00 Ft	3.00-4.00 Ft	0.00-0.50 Ft	
		Field Sample ID	OL-1028-11	OL-1029-01	OL-1029-02	OL-1029-03	OL-1029-04	OL-1029-05	OL-1030-11	
		Sample Date	9/24/2009	9/25/2009	9/25/2009	9/25/2009	9/25/2009	9/25/2009	9/28/2009	
		Sample Delivery Group	OLS08	OLS09	OLS09	OLS09	OLS09	OLS09	OLS09	OLS10
		Matrix	SOIL							
		Sample Purpose	Regular sample							
		Sample Type	Sediment							
Method	Parameter Name	Units								
ASTM D4643-00	SOLIDS, PERCENT	%								
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	17900 J	15500 J	13700 J	30400 J	16600 J	16100 J	18600	
SM2540G	PERCENT MOISTURE	%	77.6	67.9	72.4	82.3	73.3	74.8	65.2	
SM2540G	SOLIDS, PERCENT	%								
SW7471	MERCURY	mg/kg	0.118 J	0.2 J	0.039 UJ	0.0638 UJ	0.267 J	0.146 J	0.507	
SW8082	AROCLOR-1016	ug/kg	25 UJ	26 UJ	21 UJ	32 UJ	21 UJ	22 UJ	24	
SW8082	AROCLOR-1221	ug/kg	25 UJ	26 UJ	21 UJ	32 UJ	21 UJ	22 UJ	24	
SW8082	AROCLOR-1232	ug/kg	25 UJ	26 UJ	21 UJ	32 UJ	21 UJ	22 UJ	24	
SW8082	AROCLOR-1242	ug/kg	25 UJ	26 UJ	21 UJ	32 UJ	21 UJ	22 UJ	24	
SW8082	AROCLOR-1248	ug/kg	25 UJ	26 UJ	21 UJ	32 UJ	21 UJ	22 UJ	14	
SW8082	AROCLOR-1254	ug/kg	25 UJ	7.3 J	21 UJ	32 UJ	21 UJ	22 UJ	29	
SW8082	AROCLOR-1260	ug/kg	25 UJ	6.8 J	21 UJ	32 UJ	21 UJ	22 UJ	23	
SW8082	AROCLOR-1268	ug/kg	25 UJ	26 UJ	21 UJ	32 UJ	21 UJ	22 UJ	24	
SW8082	PCBS, N.O.S.	ug/kg	25 UJ	14 J	21 UJ	32 UJ	21 UJ	22 UJ	67	
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	22 UJ	17 UJ	18 UJ	27 UJ	20 UJ	21 UJ	15	
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	22 UJ	17 UJ	18 UJ	27 UJ	20 UJ	21 UJ	15	
SW8260	1,2-DICHLOROBENZENE	ug/kg	22 UJ	17 UJ	18 UJ	27 UJ	4 J	21 UJ	15	
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	22 UJ	17 UJ	18 UJ	27 UJ	20 UJ	21 UJ	15	
SW8260	1,3-DICHLOROBENZENE	ug/kg	22 UJ	17 UJ	18 UJ	27 UJ	20 UJ	21 UJ	15	
SW8260	1,4-DICHLOROBENZENE	ug/kg	22 UJ	4 J	18 UJ	27 UJ	6 J	5 J	15	
SW8260	BENZENE	ug/kg	11 J	6 J	9 J	24 J	14 J	23 J	7	
SW8260	CHLOROBENZENE	ug/kg	22 UJ	17 UJ	18 UJ	27 UJ	20 UJ	21 UJ	15	
SW8260	ETHYLBENZENE	ug/kg	22 UJ	17 UJ	18 UJ	27 UJ	20 UJ	21 UJ	15	
SW8260	NAPHTHALENE	ug/kg	24 J	25 J	23 J	47 J	48 J	70 J	10	
SW8260	O-XYLENE	ug/kg	22 UJ	17 UJ	18 UJ	7 J	6 J	8 J	15	
SW8260	TOLUENE	ug/kg	10 J	7 J	9 J	24 J	16 J	23 J	4	
SW8260	XYLENES, M & P	ug/kg	5 J	5 J	5 J	11 J	9 J	16 J	15	
SW8260	XYLENES, TOTAL	ug/kg	5 J	5 J	5 J	18 J	16 J	24 J	15	
SW8270	ACENAPHTHENE	ug/kg	37 UJ	15 J	8 J	94 UJ	62 UJ	66 UJ	48	
SW8270	ACENAPHTHYLENE	ug/kg	8.4 J	26 J	9.1 J	37 J	16 J	9.7 J	25	
SW8270	ANTHRACENE	ug/kg	29 J	50 J	31 J	97 J	45 J	34 J	54	
SW8270	BENZO(A)ANTHRACENE	ug/kg	55 J	130 J	69 J	160 J	200 J	59 J	120	
SW8270	BENZO(A)PYRENE	ug/kg	43 J	140 J	60 UJ	85 J	200 J	39 J	72	
SW8270	BENZO(B)FLUORANTHENE	ug/kg	64 J	170 J	61 J	110 J	240 J	52 J	83	
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	26 J	70 J	60 UJ	94 UJ	70 J	66 UJ	28	
SW8270	BENZO(K)FLUORANTHENE	ug/kg	32 J	64 J	60 UJ	94 UJ	91 J	66 UJ	32	
SW8270	CHRYSENE	ug/kg	65 J	150 J	73 J	170 J	170 J	69 J	160	
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	6.7 J	16 J	60 UJ	94 UJ	62 UJ	66 UJ	48	
SW8270	FLUORANTHENE	ug/kg	150 J	290 J	99 J	430 J	260 J	160 J	280	
SW8270	FLUORENE	ug/kg	15 J	33 J	8.2 J	94 UJ	62 UJ	66 UJ	48	
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	26 J	66 J	60 UJ	94 UJ	84 J	66 UJ	32	
SW8270	PHENANTHRENE	ug/kg	130 J	170 J	54 J	270 J	140 J	130 J	150	
SW8270	PHENOL	ug/kg	2100 J	1500 J	4300 J	6700 J	2900 J	1600 J	6400	
SW8270	PYRENE	ug/kg	120 J	300 J	96 J	500 J	240 J	160 J	330	
SW9045	pH	S.U.	12.2 J	11.4 J	11.9 J	12 J	12.2 J	12.2 J	11.2	

TABLE 3
SUMMARY OF VIBRACORE SEDIMENT ANALYTICAL RESULTS

		Location	OL-VC-30150	OL-VC-30150	OL-VC-30150	OL-VC-30150
Method	Parameter Name	Units				
ASTM D4643-00	SOLIDS, PERCENT	%				
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	J	21300 J	23000 J	23100 J
SM2540G	PERCENT MOISTURE	%		64.3	76.4	73.9
SM2540G	SOLIDS, PERCENT	%				84.4
SW7471	MERCURY	mg/kg	J	0.546 J	0.136 J	0.26 J
SW8082	AROCLOR-1016	ug/kg	UJ	24 UJ	24 UJ	22 UJ
SW8082	AROCLOR-1221	ug/kg	UJ	24 UJ	24 UJ	22 UJ
SW8082	AROCLOR-1232	ug/kg	UJ	24 UJ	24 UJ	22 UJ
SW8082	AROCLOR-1242	ug/kg	UJ	24 UJ	24 UJ	22 UJ
SW8082	AROCLOR-1248	ug/kg	J	13 J	24 UJ	8.7 J
SW8082	AROCLOR-1254	ug/kg	J	44 J	24 UJ	22 UJ
SW8082	AROCLOR-1260	ug/kg	J	23 J	24 UJ	22 UJ
SW8082	AROCLOR-1268	ug/kg	UJ	24 UJ	24 UJ	22 UJ
SW8082	PCBS, N.O.S.	ug/kg	J	80 J	24 UJ	8.7 J
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	UJ	14 UJ	21 UJ	21 UJ
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	UJ	14 UJ	21 UJ	21 UJ
SW8260	1,2-DICHLOROBENZENE	ug/kg	UJ	14 UJ	21 UJ	21 UJ
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	UJ	14 UJ	21 UJ	21 UJ
SW8260	1,3-DICHLOROBENZENE	ug/kg	UJ	14 UJ	21 UJ	21 UJ
SW8260	1,4-DICHLOROBENZENE	ug/kg	UJ	3 J	4 J	6 J
SW8260	BENZENE	ug/kg	J	7 J	14 J	12 J
SW8260	CHLOROBENZENE	ug/kg	UJ	14 UJ	21 UJ	21 UJ
SW8260	ETHYLBENZENE	ug/kg	UJ	14 UJ	21 UJ	21 UJ
SW8260	NAPHTHALENE	ug/kg	J	12 J	27 J	29 J
SW8260	O-XYLENE	ug/kg	UJ	14 UJ	21 UJ	4 J
SW8260	TOLUENE	ug/kg	J	5 J	12 J	11 J
SW8260	XYLENES, M & P	ug/kg	UJ	14 UJ	6 J	6 J
SW8260	XYLENES, TOTAL	ug/kg	UJ	14 UJ	6 J	6 J
SW8270	ACENAPHTHENE	ug/kg	UJ	47 UJ	36 J	62 J
SW8270	ACENAPHTHYLENE	ug/kg	J	23 J	40 J	81 J
SW8270	ANTHRACENE	ug/kg	J	46 J	120 J	190 J
SW8270	BENZO(A)ANTHRACENE	ug/kg	J	160 J	280 J	420 J
SW8270	BENZO(A)PYRENE	ug/kg	J	140 J	250 J	340 J
SW8270	BENZO(B)FLUORANTHENE	ug/kg	J	150 J	270 J	410 J
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	J	93 J	140 J	180 J
SW8270	BENZO(K)FLUORANTHENE	ug/kg	J	120 J	150 J	240 J
SW8270	CHRYSENE	ug/kg	J	210 J	310 J	500 J
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	UJ	31 J	50 J	69 J
SW8270	FLUORANTHENE	ug/kg	J	400 J	680 J	980 J
SW8270	FLUORENE	ug/kg	UJ	39 J	70 J	98 J
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	J	74 J	120 J	180 J
SW8270	PHENANTHRENE	ug/kg	J	210 J	350 J	610 J
SW8270	PHENOL	ug/kg	J	2000 J	8900 J	5200 J
SW8270	PYRENE	ug/kg	J	410 J	610 J	990 J
SW9045	pH	S.U.	J	10.7 J	11.6 J	11.6 J
						12 J

TABLE 3
SUMMARY OF VIBRACORE SEDIMENT ANALYTICAL RESULTS

		Location	OL-VC-30150	OL-VC-30151	OL-VC-30151	OL-VC-30151	OL-VC-30151	OL-VC-30151	OL-VC-30151	OL-VC-30151
		Sample Depth	3.00-4.00 Ft	0.00-0.50 Ft	0.50-1.00 Ft	1.00-2.00 Ft	1.00-2.00 Ft	2.00-3.00 Ft	2.00-3.00 Ft	3.00-4.00 Ft
		Field Sample ID	OL-1030-16	OL-1029-06	OL-1029-07	OL-1029-08	OL-1029-09	OL-1029-10	OL-1029-11	
		Sample Date	9/28/2009	9/25/2009	9/25/2009	9/25/2009	9/25/2009	9/25/2009	9/25/2009	9/25/2009
		Sample Delivery Group	OLS10	OLS09	OLS09	OLS09	OLS09	OLS09	OLS09	OLS09
		Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Field duplicate	Regular sample	Regular sample	Regular sample
		Sample Type	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment
Method	Parameter Name	Units								
ASTM D4643-00	SOLIDS, PERCENT	%								
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	20800 J	23200	27300	32400 J	24200 J	21900 J	30000 J	
SM2540G	PERCENT MOISTURE	%	80.4	41	49.7	72.2	66.9	73.5	73.5	
SM2540G	SOLIDS, PERCENT	%								
SW7471	MERCURY	mg/kg	0.143 J	4.16	2.25	0.42 J	0.821 J	0.326 J	0.201 J	
SW8082	AROCLOR-1016	ug/kg	29 UJ	14 U	17 U	20 UJ	26 UJ	21 UJ	32 UJ	
SW8082	AROCLOR-1221	ug/kg	29 UJ	14 U	17 U	20 UJ	26 UJ	21 UJ	32 UJ	
SW8082	AROCLOR-1232	ug/kg	29 UJ	14 U	17 U	20 UJ	26 UJ	21 UJ	32 UJ	
SW8082	AROCLOR-1242	ug/kg	29 UJ	14 U	17 U	20 UJ	26 UJ	21 UJ	32 UJ	
SW8082	AROCLOR-1248	ug/kg	29 UJ	140	44	20 UJ	26 UJ	21 UJ	32 UJ	
SW8082	AROCLOR-1254	ug/kg	29 UJ	130	74	4 J	5.2 J	21 UJ	32 UJ	
SW8082	AROCLOR-1260	ug/kg	29 UJ	42	26	20 UJ	26 UJ	21 UJ	32 UJ	
SW8082	AROCLOR-1268	ug/kg	29 UJ	14 U	17 U	20 UJ	26 UJ	21 UJ	32 UJ	
SW8082	PCBS, N.O.S.	ug/kg	29 UJ	310	140	20 UJ	26 UJ	21 UJ	32 UJ	
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	28 UJ	9 UJ	10 UJ	980 UJ	780 UJ	920 UJ	960 UJ	
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	28 UJ	9 UJ	10 UJ	980 UJ	780 UJ	920 UJ	960 UJ	
SW8260	1,2-DICHLOROBENZENE	ug/kg	28 UJ	3 J	3 J	980 UJ	780 UJ	920 UJ	960 UJ	
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	28 UJ	9 UJ	10 UJ	20 UJ	16 UJ	19 UJ	20 UJ	
SW8260	1,3-DICHLOROBENZENE	ug/kg	28 UJ	9 UJ	10 UJ	980 UJ	780 UJ	920 UJ	960 UJ	
SW8260	1,4-DICHLOROBENZENE	ug/kg	8 J	5 J	5 J	980 UJ	780 UJ	920 UJ	960 UJ	
SW8260	BENZENE	ug/kg	17 J	94 J	390 J	1800 J	890 J	2300 J	2600 J	
SW8260	CHLOROBENZENE	ug/kg	28 UJ	9 UJ	10 UJ	980 UJ	780 UJ	920 UJ	960 UJ	
SW8260	ETHYLBENZENE	ug/kg	28 UJ	9 UJ	2 J	980 UJ	780 UJ	920 UJ	960 UJ	
SW8260	NAPHTHALENE	ug/kg	50 J	11 J	26 J	980 UJ	780 UJ	920 UJ	960 UJ	
SW8260	O-XYLENE	ug/kg	7 J	9 UJ	4 J	980 UJ	780 UJ	920 UJ	960 UJ	
SW8260	TOLUENE	ug/kg	19 J	5 J	11 J	980 UJ	780 UJ	920 UJ	960 UJ	
SW8260	XYLENES, M & P	ug/kg	11 J	3 J	6 J	980 UJ	8 J	920 UJ	960 UJ	
SW8260	XYLENES, TOTAL	ug/kg	17 J	3 J	11 J	980 UJ	780 UJ	920 UJ	960 UJ	
SW8270	ACENAPHTHENE	ug/kg	85 UJ	31	33	29 J	22 J	310 UJ	9.8 J	
SW8270	ACENAPHTHYLENE	ug/kg	85 UJ	45	58	33 J	23 J	310 UJ	9.1 J	
SW8270	ANTHRACENE	ug/kg	85 UJ	37	56	69 J	70 J	46 J	35 J	
SW8270	BENZO(A)ANTHRACENE	ug/kg	85 UJ	360	260	130 J	79 J	91 J	94 J	
SW8270	BENZO(A)PYRENE	ug/kg	85 UJ	360	240	94 J	54 J	60 J	67 J	
SW8270	BENZO(B)FLUORANTHENE	ug/kg	85 UJ	470	330	120 J	80 J	67 J	79 J	
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	85 UJ	170	100	43 J	23 J	310 UJ	25 J	
SW8270	BENZO(K)FLUORANTHENE	ug/kg	85 UJ	180	120	39 J	23 J	310 UJ	31 J	
SW8270	CHRYSENE	ug/kg	34 J	460	380	180 J	98 J	94 J	94 J	
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	85 UJ	56	35	60 UJ	7.6 J	7 J	63 UJ	
SW8270	FLUORANTHENE	ug/kg	110 J	520	550	350 J	230 J	250 J	260 J	
SW8270	FLUORENE	ug/kg	85 UJ	50	80	76 J	46 J	310 UJ	63 UJ	
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	85 UJ	150	99	44 J	24 J	310 UJ	63 UJ	
SW8270	PHENANTHRENE	ug/kg	100 J	220	340	400 J	280 J	240 J	160 J	
SW8270	PHENOL	ug/kg	3900 J	490	1400	8100 J	5700 J	6500 J	6300 J	
SW8270	PYRENE	ug/kg	65 J	600	760	400 J	310 J	240 J	210 J	
SW9045	pH	S.U.	12.1 J	10	10.5	11.7 J	11.6 J	12 J	12 J	

TABLE 3
SUMMARY OF VIBRACORE SEDIMENT ANALYTICAL RESULTS

		Location	OL-VC-30152	OL-VC-30152
	Sample Depth	0.00-0.50 Ft	0.50-1.00 Ft	
	Field Sample ID	OL-1030-17	OL-1030-18	
	Sample Date	9/28/2009	9/28/2009	
Method	Parameter Name	Units		
ASTM D4643-00	SOLIDS, PERCENT	%		
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	25300 J	28800 J
SM2540G	PERCENT MOISTURE	%	68.2	63.6
SM2540G	SOLIDS, PERCENT	%		
SW7471	MERCURY	mg/kg	1.01 J	24.7 J
SW8082	AROCLOR-1016	ug/kg	27 UJ	120 UJ
SW8082	AROCLOR-1221	ug/kg	27 UJ	120 UJ
SW8082	AROCLOR-1232	ug/kg	27 UJ	120 UJ
SW8082	AROCLOR-1242	ug/kg	27 UJ	120 UJ
SW8082	AROCLOR-1248	ug/kg	26 J	320 J
SW8082	AROCLOR-1254	ug/kg	70 J	510 J
SW8082	AROCLOR-1260	ug/kg	45 J	190 J
SW8082	AROCLOR-1268	ug/kg	27 UJ	120 UJ
SW8082	PCBS, N.O.S.	ug/kg	140 J	1000 J
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	15 UJ	14 UJ
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	15 UJ	14 UJ
SW8260	1,2-DICHLOROBENZENE	ug/kg	7 J	14 UJ
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	6 J	14 UJ
SW8260	1,3-DICHLOROBENZENE	ug/kg	13 J	14 UJ
SW8260	1,4-DICHLOROBENZENE	ug/kg	26 J	4 J
SW8260	BENZENE	ug/kg	8 J	10 J
SW8260	CHLOROBENZENE	ug/kg	9 J	14 UJ
SW8260	ETHYLBENZENE	ug/kg	15 UJ	14 UJ
SW8260	NAPHTHALENE	ug/kg	15 J	21 J
SW8260	O-XYLENE	ug/kg	5 J	14 UJ
SW8260	TOLUENE	ug/kg	4 J	5 J
SW8260	XYLEMES, M & P	ug/kg	6 J	3 J
SW8260	XYLEMES, TOTAL	ug/kg	11 J	3 J
SW8270	ACENAPHTHENE	ug/kg	41 J	78 J
SW8270	ACENAPHTHYLENE	ug/kg	35 J	95 J
SW8270	ANTHRACENE	ug/kg	53 J	200 J
SW8270	BENZO(A)ANTHRACENE	ug/kg	230 J	700 J
SW8270	BENZO(A)PYRENE	ug/kg	200 J	660 J
SW8270	BENZO(B)FLUORANTHENE	ug/kg	330 J	890 J
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	130 J	400 J
SW8270	BENZO(K)FLUORANTHENE	ug/kg	110 J	290 J
SW8270	CHRYSENE	ug/kg	340 J	1100 J
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	46 J	120 J
SW8270	FLUORANTHENE	ug/kg	630 J	1700 J
SW8270	FLUORENE	ug/kg	79 J	140 J
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	140 J	370 J
SW8270	PHENANTHRENE	ug/kg	360 J	940 J
SW8270	PHENOL	ug/kg	2700 J	240 J
SW8270	PYRENE	ug/kg	690 J	1900 J
SW9045	pH	S.U.	10.7 J	8.84 J

TABLE 3
SUMMARY OF VIBRACORE SEDIMENT ANALYTICAL RESULTS

		Location	OL-VC-30152	OL-VC-30152	OL-VC-30152	OL-VC-30153	OL-VC-30153	OL-VC-30153	OL-VC-30153
		Sample Depth	1.00-2.00 Ft	2.00-3.00 Ft	3.00-4.00 Ft	0.00-0.50 Ft	0.50-1.00 Ft	1.00-2.00 Ft	2.00-3.00 Ft
		Field Sample ID	OL-1030-19	OL-1030-20	OL-1031-01	OL-1027-01	OL-1027-02	OL-1027-03	OL-1027-04
		Sample Date	9/28/2009	9/28/2009	9/28/2009	9/24/2009	9/24/2009	9/24/2009	9/24/2009
		Sample Delivery Group	OLS10	OLS10	OLS11	OLS07	OLS07	OLS07	OLS07
		Matrix	SOIL						
		Sample Purpose	Regular sample						
		Sample Type	Sediment						
Method	Parameter Name	Units							
ASTM D4643-00	SOLIDS, PERCENT	%							
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	19100 J	26200 J	15300 J	15300 J	21400 J	15900 J	23200
SM2540G	PERCENT MOISTURE	%	62.1	76	71.5	69.1	65.8	66.4	66.4
SM2540G	SOLIDS, PERCENT	%							
SW7471	MERCURY	mg/kg	0.0888 J	0.106 J	0.202 J	0.198 J	0.176 J	0.109 J	0.114
SW8082	AROCLOR-1016	ug/kg	22 J	24 UJ	20 UJ	28 UJ	25 UJ	25 UJ	25
SW8082	AROCLOR-1221	ug/kg	22 UJ	24 UJ	20 UJ	28 UJ	25 UJ	25 UJ	25
SW8082	AROCLOR-1232	ug/kg	22 UJ	24 UJ	20 UJ	28 UJ	25 UJ	25 UJ	25
SW8082	AROCLOR-1242	ug/kg	22 UJ	24 UJ	20 UJ	28 UJ	25 UJ	25 UJ	25
SW8082	AROCLOR-1248	ug/kg	15 J	24 UJ	20 UJ	28 UJ	25 UJ	25 UJ	25
SW8082	AROCLOR-1254	ug/kg	10 J	24 UJ	20 UJ	28 UJ	25 UJ	25 UJ	25
SW8082	AROCLOR-1260	ug/kg	6 J	24 UJ	20 UJ	28 UJ	25 UJ	25 UJ	25
SW8082	AROCLOR-1268	ug/kg	22 UJ	24 UJ	20 UJ	28 UJ	25 UJ	25 UJ	25
SW8082	PCBS, N.O.S.	ug/kg	31 J	24 UJ	20 UJ	28 UJ	25 UJ	25 UJ	25
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	13 UJ	20 UJ	18 UJ	850 UJ	720 UJ	680 UJ	720
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	13 UJ	20 UJ	18 UJ	850 UJ	720 UJ	680 UJ	720
SW8260	1,2-DICHLOROBENZENE	ug/kg	13 UJ	20 UJ	18 UJ	850 UJ	720 UJ	680 UJ	720
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	13 UJ	20 UJ	18 UJ	850 UJ	720 UJ	680 UJ	720
SW8260	1,3-DICHLOROBENZENE	ug/kg	13 UJ	20 UJ	18 UJ	850 UJ	720 UJ	680 UJ	720
SW8260	1,4-DICHLOROBENZENE	ug/kg	4 J	20 UJ	18 UJ	850 UJ	720 UJ	680 UJ	720
SW8260	BENZENE	ug/kg	10 J	18 J	11 J	980 J	970 J	2300 J	2300
SW8260	CHLOROBENZENE	ug/kg	13 UJ	20 UJ	18 UJ	850 UJ	720 UJ	680 UJ	720
SW8260	ETHYLBENZENE	ug/kg	13 UJ	20 UJ	18 UJ	850 UJ	720 UJ	680 UJ	720
SW8260	NAPHTHALENE	ug/kg	36 J	72 J	72 J	850 UJ	720 UJ	680 UJ	720
SW8260	O-XYLENE	ug/kg	13 UJ	20 UJ	18 UJ	850 UJ	9 J	680 UJ	720
SW8260	TOLUENE	ug/kg	6 J	10 J	8 J	850 UJ	720 UJ	410 J	470
SW8260	XYLENES, M & P	ug/kg	4 J	7 J	6 J	9 J	720 UJ	680 UJ	720
SW8260	XYLENES, TOTAL	ug/kg	4 J	7 J	6 J	850 UJ	720 UJ	680 UJ	720
SW8270	ACENAPHTHENE	ug/kg	48 J	54 J	7.2 J	54 UJ	49 UJ	50 UJ	50
SW8270	ACENAPHTHYLENE	ug/kg	74 J	70 J	58 UJ	14 J	27 J	7.1 J	6.9
SW8270	ANTHRACENE	ug/kg	100 J	99 J	58 UJ	120 J	72 J	28 J	24
SW8270	BENZO(A)ANTHRACENE	ug/kg	410 J	350 J	58 UJ	260 J	400 J	21 J	55
SW8270	BENZO(A)PYRENE	ug/kg	420 J	360 J	58 UJ	190 J	280 J	50 UJ	27
SW8270	BENZO(B)FLUORANTHENE	ug/kg	530 J	560 J	58 UJ	230 J	340 J	50 UJ	35
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	220 J	230 J	8 J	120 J	180 J	50 UJ	50
SW8270	BENZO(K)FLUORANTHENE	ug/kg	160 J	83 J	58 UJ	95 J	78 J	6.2 J	21
SW8270	CHRYSENE	ug/kg	490 J	420 J	58 UJ	300 J	410 J	26 J	54
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	67 J	59 J	58 UJ	37 J	51 J	50 UJ	50
SW8270	FLUORANTHENE	ug/kg	870 J	770 J	69 J	780 J	950 J	94 J	140
SW8270	FLUORENE	ug/kg	110 J	95 J	7.6 J	38 J	41 J	7.6 J	50
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	190 J	180 J	8.7 J	95 J	170 J	50 UJ	50
SW8270	PHENANTHRENE	ug/kg	470 J	360 J	62 J	450 J	470 J	120 J	92
SW8270	PHENOL	ug/kg	5500 J	5500 J	5600 J	3000 J	3600 J	3600 J	4300
SW8270	PYRENE	ug/kg	860 J	750 J	59 J	510 J	600 J	61 J	89
SW9045	pH	S.U.	11.1 J	11.6 J	11.8 J	11.7 J	11.9 J	12 J	12

TABLE 3
SUMMARY OF VIBRACORE SEDIMENT ANALYTICAL RESULTS

		Location	OL-VC-30153	OL-VC-30154	OL-VC-30154	OL-VC-30154
Method	Parameter Name	Units				
ASTM D4643-00	SOLIDS, PERCENT	%				
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	J	20300 J	14400 J	13400 J
SM2540G	PERCENT MOISTURE	%		64.9	68.9	69.3
SM2540G	SOLIDS, PERCENT	%				70.2
SW7471	MERCURY	mg/kg	J	0.0912 J	0.105 J	0.12 J
SW8082	AROCLOR-1016	ug/kg	UJ	24 UJ	27 UJ	28 UJ
SW8082	AROCLOR-1221	ug/kg	UJ	24 UJ	27 UJ	28 UJ
SW8082	AROCLOR-1232	ug/kg	UJ	24 UJ	27 UJ	28 UJ
SW8082	AROCLOR-1242	ug/kg	UJ	24 UJ	27 UJ	28 UJ
SW8082	AROCLOR-1248	ug/kg	UJ	24 UJ	27 UJ	28 UJ
SW8082	AROCLOR-1254	ug/kg	UJ	24 UJ	27 UJ	28 UJ
SW8082	AROCLOR-1260	ug/kg	UJ	24 UJ	27 UJ	28 UJ
SW8082	AROCLOR-1268	ug/kg	UJ	24 UJ	27 UJ	28 UJ
SW8082	PCBS, N.O.S.	ug/kg	UJ	24 UJ	27 UJ	28 UJ
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	UJ	730 UJ	770 UJ	810 UJ
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	UJ	730 UJ	770 UJ	810 UJ
SW8260	1,2-DICHLOROBENZENE	ug/kg	UJ	730 UJ	770 UJ	810 UJ
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	UJ	730 UJ	770 UJ	810 UJ
SW8260	1,3-DICHLOROBENZENE	ug/kg	UJ	730 UJ	770 UJ	810 UJ
SW8260	1,4-DICHLOROBENZENE	ug/kg	UJ	730 UJ	770 UJ	810 UJ
SW8260	BENZENE	ug/kg	J	2600 J	2400 J	2600 J
SW8260	CHLOROBENZENE	ug/kg	UJ	730 UJ	770 UJ	810 UJ
SW8260	ETHYLBENZENE	ug/kg	UJ	730 UJ	9 J	810 UJ
SW8260	NAPHTHALENE	ug/kg	UJ	75 J	770 UJ	810 UJ
SW8260	O-XYLENE	ug/kg	UJ	730 UJ	89 J	810 UJ
SW8260	TOLUENE	ug/kg	J	750 J	490 J	540 J
SW8260	XYLEMES, M & P	ug/kg	UJ	730 UJ	770 UJ	810 UJ
SW8260	XYLEMES, TOTAL	ug/kg	UJ	730 UJ	770 UJ	810 UJ
SW8270	ACENAPHTHENE	ug/kg	UJ	5 J	54 UJ	54 UJ
SW8270	ACENAPHTHYLENE	ug/kg	J	7.1 J	6.1 J	54 UJ
SW8270	ANTHRACENE	ug/kg	J	35 J	36 J	33 J
SW8270	BENZO(A)ANTHRACENE	ug/kg	J	33 J	63 J	66 J
SW8270	BENZO(A)PYRENE	ug/kg	J	47 UJ	50 J	45 J
SW8270	BENZO(B)FLUORANTHENE	ug/kg	J	47 UJ	45 J	51 J
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	UJ	5.8 J	31 J	54 UJ
SW8270	BENZO(K)FLUORANTHENE	ug/kg	J	7.9 J	54 UJ	54 UJ
SW8270	CHRYSENE	ug/kg	J	32 J	69 J	67 J
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	UJ	47 UJ	54 UJ	54 UJ
SW8270	FLUORANTHENE	ug/kg	J	93 J	210 J	200 J
SW8270	FLUORENE	ug/kg	UJ	47 UJ	54 UJ	54 UJ
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	UJ	9.8 J	54 UJ	54 UJ
SW8270	PHENANTHRENE	ug/kg	J	89 J	130 J	74 J
SW8270	PHENOL	ug/kg	J	4800 J	3000 J	3700 J
SW8270	PYRENE	ug/kg	J	80 J	150 J	88 J
SW9045	pH	S.U.	J	12 J	11.8 J	11.9 J
						12 J

TABLE 3
SUMMARY OF VIBRACORE SEDIMENT ANALYTICAL RESULTS

		Location	OL-VC-30154	OL-VC-30154	OL-VC-30154	OL-VC-30155	OL-VC-30155	OL-VC-30155	OL-VC-30155
		Sample Depth	1.00-2.00 Ft	2.00-3.00 Ft	3.00-4.00 Ft	0.00-0.50 Ft	0.50-1.00 Ft	1.00-2.00 Ft	1.00-2.00 Ft
		Field Sample ID	OL-1027-09	OL-1027-10	OL-1027-11	OL-1023-11	OL-1023-12	OL-1023-13	OL-1023-14
		Sample Date	9/24/2009	9/24/2009	9/24/2009	9/22/2009	9/22/2009	9/22/2009	9/22/2009
		Sample Delivery Group	OLS07	OLS07	OLS07	OLS01 OLS03	OLS01 OLS03	OLS01 OLS03	OLS01 OLS03
		Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
		Sample Purpose	Field duplicate	Regular sample	Field duplicate				
		Sample Type	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment
Method	Parameter Name	Units							
ASTM D4643-00	SOLIDS, PERCENT	%							
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	17300 J	20600 J	18400 J	43100 J	27400 J	17900 J	35500 J
SM2540G	PERCENT MOISTURE	%	70.7	67.3	65.8	64.6	71.1	75	75.7
SM2540G	SOLIDS, PERCENT	%							
SW7471	MERCURY	mg/kg	0.179 J	0.116 J	0.309 J	0.829 J	0.232 J	0.362 J	0.231 J
SW8082	AROCLOR-1016	ug/kg	19 UJ	26 UJ	25 UJ	24 UJ	29 UJ	34 UJ	35 UJ
SW8082	AROCLOR-1221	ug/kg	19 UJ	26 UJ	30 J	24 UJ	29 UJ	34 UJ	35 UJ
SW8082	AROCLOR-1232	ug/kg	19 UJ	26 UJ	25 UJ	24 UJ	29 UJ	34 UJ	35 UJ
SW8082	AROCLOR-1242	ug/kg	19 UJ	26 UJ	25 UJ	24 UJ	29 UJ	34 UJ	35 UJ
SW8082	AROCLOR-1248	ug/kg	19 UJ	26 UJ	25 UJ	69 J	21 J	12 J	16 J
SW8082	AROCLOR-1254	ug/kg	19 UJ	26 UJ	25 UJ	120 J	36 J	14 J	15 J
SW8082	AROCLOR-1260	ug/kg	19 UJ	26 UJ	25 UJ	63 J	34 J	16 J	25 J
SW8082	AROCLOR-1268	ug/kg	19 UJ	26 UJ	25 UJ	24 UJ	29 UJ	34 UJ	35 UJ
SW8082	PCBS, N.O.S.	ug/kg	19 UJ	26 UJ	30 J	250 J	91 J	42 J	56 J
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	820 UJ	730 UJ	760 UJ	15 UJ	18 UJ	20 UJ	20 UJ
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	820 UJ	730 UJ	760 UJ	15 UJ	18 UJ	20 UJ	20 UJ
SW8260	1,2-DICHLOROBENZENE	ug/kg	820 UJ	730 UJ	8 J	6 J	4 J	20 UJ	7 J
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	820 UJ	730 UJ	760 UJ	15 UJ	18 UJ	20 UJ	20 UJ
SW8260	1,3-DICHLOROBENZENE	ug/kg	820 UJ	730 UJ	760 UJ	15 UJ	18 UJ	20 UJ	20 UJ
SW8260	1,4-DICHLOROBENZENE	ug/kg	820 UJ	730 UJ	760 UJ	12 J	6 J	20 UJ	11 J
SW8260	BENZENE	ug/kg	3100 J	2600 J	3700 J	390 J	210 J	450 J	610 J
SW8260	CHLOROBENZENE	ug/kg	820 UJ	730 UJ	9 J	5 J	18 UJ	20 UJ	20 UJ
SW8260	ETHYLBENZENE	ug/kg	9 J	9 J	760 UJ	77 J	6 J	20 UJ	5 J
SW8260	NAPHTHALENE	ug/kg	270 J	250 J	500 J	130 J	79 J	64 J	170 J
SW8260	O-XYLENE	ug/kg	93 J	74 J	91 J	5 J	7 J	5 J	13 J
SW8260	TOLUENE	ug/kg	850 J	870 J	1800 J	6 J	11 J	12 J	22 J
SW8260	XYLENES, M & P	ug/kg	820 UJ	730 UJ	760 UJ	240 J	18 J	8 J	20 J
SW8260	XYLENES, TOTAL	ug/kg	820 UJ	730 UJ	760 UJ	250 J	24 J	13 J	33 J
SW8270	ACENAPHTHENE	ug/kg	57 UJ	3.1 J	49 UJ	38 J	19 J	8.5 J	10 J
SW8270	ACENAPHTHYLENE	ug/kg	57 UJ	4.2 J	9.8 J	47 J	31 J	19 J	23 J
SW8270	ANTHRACENE	ug/kg	19 J	31 J	18 J	84 J	31 J	24 J	36 J
SW8270	BENZO(A)ANTHRACENE	ug/kg	31 J	56 J	31 J	380 J	160 J	76 J	110 J
SW8270	BENZO(A)PYRENE	ug/kg	57 UJ	16 J	49 UJ	370 J	140 J	56 J	85 J
SW8270	BENZO(B)FLUORANTHENE	ug/kg	57 UJ	21 J	49 UJ	580 J	210 J	82 J	130 J
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	6.7 J	8.2 J	49 UJ	190 J	72 J	23 J	39 J
SW8270	BENZO(K)FLUORANTHENE	ug/kg	7.8 J	9.1 J	49 UJ	190 J	74 J	38 J	32 J
SW8270	CHRYSENE	ug/kg	30 J	41 J	26 J	450 J	200 J	94 J	140 J
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	57 UJ	3 J	49 UJ	56 J	22 J	8.8 J	13 J
SW8270	FLUORANTHENE	ug/kg	87 J	98 J	79 J	620 J	340 J	200 J	310 J
SW8270	FLUORENE	ug/kg	6.6 J	7.6 J	49 UJ	90 J	45 J	24 J	26 J
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	6.7 J	7.8 J	49 UJ	170 J	69 J	26 J	39 J
SW8270	PHENANTHRENE	ug/kg	78 J	96 J	68 J	430 J	240 J	120 J	170 J
SW8270	PHENOL	ug/kg	3700 J	3300 J	2300 J				
SW8270	PYRENE	ug/kg	69 J	80 J	62 J	950 J	500 J	250 J	260 J
SW9045	pH	S.U.	12 J	12 J	11.9 J	10.1 J	10.8 J	11.3 J	11.2 J

TABLE 3
SUMMARY OF VIBRACORE SEDIMENT ANALYTICAL RESULTS

		Location	OL-VC-30155	OL-VC-30155	OL-VC-30156	OL-VC-30156
	Sample Depth	2.00-3.00 Ft	3.00-4.00 Ft	0.00-0.50 Ft	0.50-1.00 Ft	
	Field Sample ID	OL-1023-15	OL-1023-16	OL-1023-17	OL-1023-18	
	Sample Date	9/22/2009	9/22/2009	9/22/2009	9/22/2009	
	Sample Delivery Group	OLS01 OLS03	OLS01 OLS03	OLS01 OLS03	OLS01 OLS03	
	Matrix	SOIL	SOIL	SOIL	SOIL	
	Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	
	Sample Type	Sediment	Sediment	Sediment	Sediment	
Method	Parameter Name	Units				
ASTM D4643-00	SOLIDIS, PERCENT	%				
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	22600 J	27700 J	28700 J	33000 J
SM2540G	PERCENT MOISTURE	%	81.4	73.7	61.4	60
SM2540G	SOLIDIS, PERCENT	%				
SW7471	MERCURY	mg/kg	0.0945 J	0.216 J	2.07 J	2.02 J
SW8082	AROCLOR-1016	ug/kg	46 UJ	32 UJ	44 UJ	43 UJ
SW8082	AROCLOR-1221	ug/kg	46 UJ	32 UJ	44 UJ	43 UJ
SW8082	AROCLOR-1232	ug/kg	46 UJ	32 UJ	44 UJ	43 UJ
SW8082	AROCLOR-1242	ug/kg	46 UJ	32 UJ	44 UJ	43 UJ
SW8082	AROCLOR-1248	ug/kg	46 UJ	32 UJ	170 J	200 J
SW8082	AROCLOR-1254	ug/kg	46 UJ	32 UJ	170 J	150 J
SW8082	AROCLOR-1260	ug/kg	12 J	23 J	90 J	93 J
SW8082	AROCLOR-1268	ug/kg	46 UJ	32 UJ	44 UJ	43 UJ
SW8082	PCBS, N.O.S.	ug/kg	46 UJ	23 J	430 J	450 J
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	27 UJ	20 UJ	12 UJ	14 UJ
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	27 UJ	20 UJ	12 UJ	14 UJ
SW8260	1,2-DICHLOROBENZENE	ug/kg	27 UJ	6 J	5 J	5 J
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	27 UJ	20 UJ	12 UJ	14 UJ
SW8260	1,3-DICHLOROBENZENE	ug/kg	27 UJ	20 UJ	3 J	4 J
SW8260	1,4-DICHLOROBENZENE	ug/kg	27 UJ	8 J	14 J	17 J
SW8260	BENZENE	ug/kg	960 J	980 J	4 J	2 J
SW8260	CHLOROBENZENE	ug/kg	27 UJ	20 UJ	9 J	15 J
SW8260	ETHYLBENZENE	ug/kg	27 UJ	5 J	12 UJ	14 UJ
SW8260	NAPHTHALENE	ug/kg	88 J	180 J	3 J	14 UJ
SW8260	O-XYLENE	ug/kg	8 J	15 J	12 UJ	14 UJ
SW8260	TOLUENE	ug/kg	21 J	25 J	12 UJ	14 UJ
SW8260	XYLEMES, M & P	ug/kg	10 J	21 J	6 J	3 J
SW8260	XYLEMES, TOTAL	ug/kg	18 J	36 J	6 J	3 J
SW8270	ACENAPHTHENE	ug/kg	5.2 J	16 J	43 UJ	25 J
SW8270	ACENAPHTHYLENE	ug/kg	6.9 J	32 J	20 J	40 J
SW8270	ANTHRACENE	ug/kg	18 J	69 J	38 J	66 J
SW8270	BENZO(A)ANTHRACENE	ug/kg	44 J	290 J	200 J	340 J
SW8270	BENZO(A)PYRENE	ug/kg	27 J	170 J	230 J	400 J
SW8270	BENZO(B)FLUORANTHENE	ug/kg	34 J	260 J	350 J	620 J
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	13 J	76 J	160 J	240 J
SW8270	BENZO(K)FLUORANTHENE	ug/kg	13 J	73 J	110 J	180 J
SW8270	CHRYSENE	ug/kg	48 J	290 J	220 J	410 J
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	4.3 J	25 J	48 J	67 J
SW8270	FLUORANTHENE	ug/kg	140 J	790 J	370 J	760 J
SW8270	FLUORENE	ug/kg	13 J	42 J	20 J	46 J
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	12 J	83 J	140 J	230 J
SW8270	PHENANTHRENE	ug/kg	82 J	260 J	140 J	220 J
SW8270	PHENOL	ug/kg				
SW8270	PYRENE	ug/kg	110 J	610 J	370 J	640 J
SW9045	pH	S.U.	11.5 J	11.4 J	8.04 J	7.9 J

TABLE 3
SUMMARY OF VIBRACORE SEDIMENT ANALYTICAL RESULTS

		Location	OL-VC-30156	OL-VC-30156	OL-VC-30156	OL-VC-40213	OL-VC-40213	OL-VC-40213	OL-VC-40213
	Sample Depth	1.00-2.00 Ft	2.00-3.00 Ft	3.00-4.00 Ft	0-1 Ft	1-2 Ft	1-2 Ft	1-2 Ft	2-3 Ft
	Field Sample ID	OL-1023-19	OL-1023-20	OL-1024-01	OL-0856-01	OL-0856-02	OL-0856-03	OL-0856-04	
	Sample Date	9/22/2009	9/22/2009	9/22/2009	7/31/2009	7/31/2009	7/31/2009	7/31/2009	7/31/2009
	Sample Delivery Group	OLS01 OLS03	OLS01 OLS03	OLS02 OLS04	JA24577	JA24577	JA24577	JA24577	
	Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	Sample Purpose	Regular sample	Field duplicate		Regular sample				
	Sample Type	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment
Method	Parameter Name	Units							
ASTM D4643-00	SOLIDIS, PERCENT	%							
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	46100 J	46300 J	30800 J	10300	9760	9950	7270
SM2540G	PERCENT MOISTURE	%	57.9	62.5	64.2				
SM2540G	SOLIDIS, PERCENT	%				50.7	55.5	56	60.3
SW7471	MERCURY	mg/kg	16.9 J	7.44 J	0.247 J	0.039 J	0.022 U	0.021 U	0.019 U
SW8082	AROCLOR-1016	ug/kg	200 UJ	110 UJ	24 UJ	5.8 U	6 U	6 U	5.5 U
SW8082	AROCLOR-1221	ug/kg	200 UJ	110 UJ	24 UJ	5.8 U	6 U	6 U	5.5 U
SW8082	AROCLOR-1232	ug/kg	200 UJ	110 UJ	24 UJ	5.8 U	6 U	6 U	5.5 U
SW8082	AROCLOR-1242	ug/kg	200 UJ	110 UJ	24 UJ	5.8 U	6 U	6 U	5.5 U
SW8082	AROCLOR-1248	ug/kg	1800 J	260 J	18 J	32.4	6 U	6 U	5.5 U
SW8082	AROCLOR-1254	ug/kg	1100 J	310 J	36 J	17.5	6 U	6 U	5.5 U
SW8082	AROCLOR-1260	ug/kg	480 J	150 J	47 J	5.8 U	6 U	6 U	5.5 U
SW8082	AROCLOR-1268	ug/kg	200 UJ	110 UJ	24 UJ	5.8 U	6 U	6 U	5.5 U
SW8082	PCBS, N.O.S.	ug/kg	3300 J	720 J	100 J	49.9	6 U	6 U	5.5 U
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	13 UJ	13 UJ	14 UJ	9.7 U	8.7 U	8.3 U	7.7 U
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	13 UJ	13 UJ	14 UJ	9.7 U	8.7 U	8.3 U	7.7 U
SW8260	1,2-DICHLOROBENZENE	ug/kg	6 J	13 J	14 UJ	9.7 U	8.7 U	8.3 U	7.7 U
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	8 J	8 J	14 UJ	9.7 U	8.7 U	8.3 U	7.7 UJ
SW8260	1,3-DICHLOROBENZENE	ug/kg	33 J	9 J	14 UJ	9.7 U	8.7 U	8.3 U	7.7 U
SW8260	1,4-DICHLOROBENZENE	ug/kg	71 J	32 J	4 J	9.7 U	8.7 U	8.3 U	7.7 U
SW8260	BENZENE	ug/kg	6 J	24 J	12 J	1.9 U	1.7 U	1.7 U	1.5 U
SW8260	CHLOROBENZENE	ug/kg	48 J	17 J	14 UJ	9.7 U	8.7 U	8.3 U	7.7 U
SW8260	ETHYLBENZENE	ug/kg	2 J	6 J	14 UJ	1.9 U	1.7 U	1.7 U	1.5 U
SW8260	NAPHTHALENE	ug/kg	3 J	42 J	44 J	9.7 U	8.7 U	8.3 U	7.7 U
SW8260	O-XYLENE	ug/kg	10 J	18 J	6 J	1.9 U	1.7 U	1.7 U	1.5 U
SW8260	TOLUENE	ug/kg	13 UJ	8 J	6 J	1.9 U	1.7 U	1.7 U	1.5 U
SW8260	XYLEMES, M & P	ug/kg	14 J	22 J	7 J	3.9 U	3.5 U	3.3 U	3.1 U
SW8260	XYLEMES, TOTAL	ug/kg	24 J	40 J	13 J	3.9 U	3.5 U	3.3 U	3.1 U
SW8270	ACENAPHTHENE	ug/kg	65 J	130 J	47 UJ	5.6 U	10 U	10 U	9.5 U
SW8270	ACENAPHTHYLENE	ug/kg	46 J	99 J	24 J	5.6 U	10 U	10 U	9.5 U
SW8270	ANTHRACENE	ug/kg	160 J	250 J	41 J	5.6 U	10 U	10 U	9.5 U
SW8270	BENZO(A)ANTHRACENE	ug/kg	540 J	780 J	70 J	5.6 U	10 U	10 U	9.5 U
SW8270	BENZO(A)PYRENE	ug/kg	470 J	660 J	70 J	5.6 U	10 U	10 U	9.5 U
SW8270	BENZO(B)FLUORANTHENE	ug/kg	820 J	1000 J	88 J	5.6 U	10 U	10 U	9.5 U
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	260 J	290 J	75 J	5.6 U	10 U	10 U	9.5 U
SW8270	BENZO(K)FLUORANTHENE	ug/kg	200 J	310 J	56 J	5.6 U	10 U	10 U	9.5 U
SW8270	CHRYSENE	ug/kg	700 J	950 J	87 J	5.6 U	10 U	10 U	9.5 U
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	71 J	94 J	47 UJ	5.6 U	10 U	10 U	9.5 U
SW8270	FLUORANTHENE	ug/kg	1200 J	1700 J	360 J	5.6 U	10 U	10 U	9.5 U
SW8270	FLUORENE	ug/kg	130 J	240 J	47 UJ	5.6 U	10 U	10 U	9.5 U
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	260 J	280 J	71 J	5.6 U	10 U	10 U	9.5 U
SW8270	PHENANTHRENE	ug/kg	770 J	1300 J	99 J	5.6 U	10 U	10 U	9.5 U
SW8270	PHENOL	ug/kg				56 U	51 U	51 U	47 U
SW8270	PYRENE	ug/kg	1300 J	1900 J	360 J	5.6 U	10 U	10 U	9.5 U
SW9045	pH	S.U.	7.93 J	8.5 J	9.45 J	7.6	7.46	7.43	7.6

TABLE 3
SUMMARY OF VIBRACORE SEDIMENT ANALYTICAL RESULTS

		Location	OL-VC-40213	OL-VC-40214	OL-VC-40214	OL-VC-40214
	Sample Depth		3-4 Ft	0-1 Ft	1-2 Ft	2-3 Ft
	Field Sample ID		OL-0856-05	OL-0856-06	OL-0856-07	OL-0856-08
	Sample Date		7/31/2009	7/31/2009	7/31/2009	7/31/2009
	Sample Delivery Group		JA24577	JA24577	JA24577	JA24577
	Matrix	SOIL	SOIL	SOIL	SOIL	SOIL
	Sample Purpose	Regular sample				
	Sample Type	Sediment	Sediment	Sediment	Sediment	Sediment
Method	Parameter Name	Units				
ASTM D4643-00	SOLIDS, PERCENT	%				
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	14600	7480	5910	6420
SM2540G	PERCENT MOISTURE	%				
SM2540G	SOLIDS, PERCENT	%	61.3	56.8	63.2	53.2
SW7471	MERCURY	mg/kg	0.019 U	0.022 U	0.019 U	0.022 U
SW8082	AROCLOR-1016	ug/kg	5.4 U	5.8 U	5.2 U	6.2 U
SW8082	AROCLOR-1221	ug/kg	5.4 U	5.8 U	5.2 U	6.2 U
SW8082	AROCLOR-1232	ug/kg	5.4 U	5.8 U	5.2 U	6.2 U
SW8082	AROCLOR-1242	ug/kg	5.4 U	5.8 U	5.2 U	6.2 U
SW8082	AROCLOR-1248	ug/kg	5.4 U	5.8 U	5.2 U	6.2 U
SW8082	AROCLOR-1254	ug/kg	5.4 U	5.8 U	5.2 U	6.2 U
SW8082	AROCLOR-1260	ug/kg	5.4 U	5.8 U	5.2 U	6.2 U
SW8082	AROCLOR-1268	ug/kg	5.4 U	5.8 U	5.2 U	6.2 U
SW8082	PCBS, N.O.S.	ug/kg	5.4 U	5.8 U	5.2 U	6.2 U
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	7.7 U	8.6 U	7.6 U	9.4 U
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	7.7 U	8.6 U	7.6 U	9.4 U
SW8260	1,2-DICHLOROBENZENE	ug/kg	7.7 U	8.6 U	7.6 U	9.4 U
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	7.7 U	8.6 U	7.6 U	9.4 U
SW8260	1,3-DICHLOROBENZENE	ug/kg	7.7 U	8.6 U	7.6 U	9.4 U
SW8260	1,4-DICHLOROBENZENE	ug/kg	7.7 U	8.6 U	7.6 U	9.4 U
SW8260	BENZENE	ug/kg	1.5 U	1.7 U	1.5 U	1.9 U
SW8260	CHLOROBENZENE	ug/kg	7.7 U	8.6 U	7.6 U	9.4 U
SW8260	ETHYLBENZENE	ug/kg	1.5 U	1.7 U	1.5 U	1.9 U
SW8260	NAPHTHALENE	ug/kg	7.7 U	8.6 U	7.6 U	9.4 U
SW8260	O-XYLENE	ug/kg	1.5 U	1.7 U	1.5 U	1.9 U
SW8260	TOLUENE	ug/kg	1.5 U	1.7 U	1.5 U	1.9 U
SW8260	XYLENES, M & P	ug/kg	3.1 U	3.5 U	3 U	3.8 U
SW8260	XYLENES, TOTAL	ug/kg	3.1 U	3.5 U	3 U	3.8 U
SW8270	ACENAPHTHENE	ug/kg	9.3 U	10 U	4.5 U	11 U
SW8270	ACENAPHTHYLENE	ug/kg	9.3 U	10 U	4.5 U	11 U
SW8270	ANTHRACENE	ug/kg	9.3 U	10 U	4.5 U	11 U
SW8270	BENZO(A)ANTHRACENE	ug/kg	9.3 U	10 U	4.5 U	11 U
SW8270	BENZO(A)PYRENE	ug/kg	9.3 U	10 U	4.5 U	11 U
SW8270	BENZO(B)FLUORANTHENE	ug/kg	9.3 U	10 U	4.5 U	11 U
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	9.3 U	10 U	4.5 U	11 U
SW8270	BENZO(K)FLUORANTHENE	ug/kg	9.3 U	10 U	4.5 U	11 U
SW8270	CHRYSENE	ug/kg	9.3 U	10 U	4.5 U	11 U
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	9.3 U	10 U	4.5 U	11 U
SW8270	FLUORANTHENE	ug/kg	9.3 U	10 U	4.5 U	11 U
SW8270	FLUORENE	ug/kg	9.3 U	10 U	4.5 U	11 U
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	9.3 U	10 U	4.5 U	11 U
SW8270	PHENANTHRENE	ug/kg	9.3 U	10 U	4.5 U	11 U
SW8270	PHENOL	ug/kg	47 U	50 U	45 U	54 U
SW8270	PYRENE	ug/kg	9.3 U	10 U	4.5 U	11 U
SW9045	pH	S.U.	7.59	7.67	7.78	7.61

TABLE 3
SUMMARY OF VIBRACORE SEDIMENT ANALYTICAL RESULTS

		Location	OL-VC-40214	OL-VC-40215						
	Sample Depth		3-4 Ft	0-1 Ft	1-2 Ft	2-3 Ft	3-4 Ft	4-5 Ft	5-6 Ft	
	Field Sample ID		OL-0856-09	OL-0882-10	OL-0882-11	OL-0882-12	OL-0882-13	OL-0882-14	OL-0882-15	
	Sample Date		7/31/2009	8/13/2009	8/13/2009	8/13/2009	8/13/2009	8/13/2009	8/13/2009	8/13/2009
	Sample Delivery Group		JA24577	JA25599						
	Matrix		SOIL							
	Sample Purpose		Regular sample							
	Sample Type		Sediment							
Method	Parameter Name	Units								
ASTM D4643-00	SOLIDS, PERCENT	%								
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	3020	6860	5770	9500	13200	16200	15900	J
SM2540G	PERCENT MOISTURE	%								
SM2540G	SOLIDS, PERCENT	%	55.9	56.8	58.4	55.5	53.5	52.8	48.8	
SW7471	MERCURY	mg/kg	0.021 U	11.1	50.6	0.03 J	0.031 J	0.022 U	0.022 UJ	
SW8082	AROCLOR-1016	ug/kg	6 U	5.8 U	5.6 U	5.9 U	6.1 U	6.2 U	6.7 UJ	
SW8082	AROCLOR-1221	ug/kg	6 U	5.8 U	5.6 U	5.9 U	6.1 U	6.2 U	6.7 UJ	
SW8082	AROCLOR-1232	ug/kg	6 U	5.8 U	5.6 U	5.9 U	6.1 U	6.2 U	6.7 UJ	
SW8082	AROCLOR-1242	ug/kg	6 U	5.8 U	5.6 U	5.9 U	6.1 U	6.2 U	6.7 UJ	
SW8082	AROCLOR-1248	ug/kg	6 U	24.1	20.9	5.9 U	6.1 U	6.2 U	6.7 UJ	
SW8082	AROCLOR-1254	ug/kg	6 U	15.9	7.1 J	5.9 U	6.1 U	6.2 U	6.7 UJ	
SW8082	AROCLOR-1260	ug/kg	6 U	5.8 U	5.6 U	5.9 U	6.1 U	6.2 U	6.7 UJ	
SW8082	AROCLOR-1268	ug/kg	6 U	5.8 U	33.5	5.9 U	6.1 U	6.2 U	6.7 UJ	
SW8082	PCBS, N.O.S.	ug/kg	6 U	40	61.5	5.9 U	6.1 U	6.2 U	6.7 UJ	
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	8.6 U	9.2 U	8.1 U	9.2 U	9.7 U	9.1 U	9.5 UJ	
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	8.6 U	2.7 J	8.1 U	9.2 U	9.7 U	9.1 U	9.5 UJ	
SW8260	1,2-DICHLOROBENZENE	ug/kg	8.6 U	64	8 J	1.5 J	9.7 U	9.1 U	9.5 UJ	
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	8.6 U	13	0.78 J	9.2 U	9.7 U	9.1 U	9.5 UJ	
SW8260	1,3-DICHLOROBENZENE	ug/kg	8.6 U	43.1	54.2	16.1	9.7 U	9.1 U	9.5 UJ	
SW8260	1,4-DICHLOROBENZENE	ug/kg	8.6 U	90.7	68.5	15.9	9.7 U	9.1 U	9.5 UJ	
SW8260	BENZENE	ug/kg	1.7 U	3.1	5.9	3.9	2.3	1.8 U	1.9 UJ	
SW8260	CHLOROBENZENE	ug/kg	8.6 U	354	655	281	71.4	5.8 J	1.1 J	
SW8260	ETHYLBENZENE	ug/kg	1.7 U	34.4	16.6	0.82 J	1.9 U	1.8 U	1.9 UJ	
SW8260	NAPHTHALENE	ug/kg	8.6 U	6.7 J	7.4 J	4.9 J	9.7 U	9.1 U	9.5 UJ	
SW8260	O-XYLENE	ug/kg	1.7 U	96.4	157	55.4	1.9 U	1.8 U	1.9 UJ	
SW8260	TOLUENE	ug/kg	1.7 U	1.2 J	1.7	1.8 U	1.9 U	1.8 U	1.9 UJ	
SW8260	XYLEMES, M & P	ug/kg	3.4 U	854	2050	36.1	3.9 U	3.6 U	3.8 UJ	
SW8260	XYLEMES, TOTAL	ug/kg	3.4 U	950	2210	91.5	3.9 U	3.6 U	3.8 UJ	
SW8270	ACENAPHTHENE	ug/kg	10 U	5 U	4.9 U	5.1 U	5.3 U	5.4 U	5.9 UJ	
SW8270	ACENAPHTHYLENE	ug/kg	10 U	5 U	4.9 U	5.1 U	5.3 U	5.4 U	5.9 UJ	
SW8270	ANTHRACENE	ug/kg	10 U	5 U	9.01	5.1 U	5.3 U	5.4 U	5.9 UJ	
SW8270	BENZO(A)ANTHRACENE	ug/kg	10 U	29.2	31.9	5.1 U	5.3 U	5.4 U	5.9 UJ	
SW8270	BENZO(A)PYRENE	ug/kg	10 U	11.5	15.9	5.1 U	5.3 U	5.4 U	5.9 UJ	
SW8270	BENZO(B)FLUORANTHENE	ug/kg	10 U	23.8	40.8	5.1 U	5.3 U	5.4 U	5.9 UJ	
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	10 U	10.5	20.5	5.1 U	5.3 U	5.4 U	5.9 UJ	
SW8270	BENZO(K)FLUORANTHENE	ug/kg	10 U	9.08	11.7	5.1 U	5.3 U	5.4 U	5.9 UJ	
SW8270	CHRYSENE	ug/kg	10 U	13.3	18.6	5.1 U	5.3 U	5.4 U	5.9 UJ	
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	10 U	12.4	4.9 U	5.1 U	5.3 U	5.4 U	5.9 UJ	
SW8270	FLUORANTHENE	ug/kg	10 U	31.9	48.4	5.1 U	5.3 U	5.4 U	5.9 UJ	
SW8270	FLUORENE	ug/kg	10 U	5 U	10.4	5.1 U	5.3 U	5.4 U	5.9 UJ	
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	10 U	9.35	16.6	5.1 U	5.3 U	5.4 U	5.9 UJ	
SW8270	PHENANTHRENE	ug/kg	10 U	29.3	47.2	5.1 U	5.3 U	5.4 U	5.9 UJ	
SW8270	PHENOL	ug/kg	51 U	50 U	49 U	51 U	53 U	54 U	59 UJ	
SW8270	PYRENE	ug/kg	10 U	5 U	92.8	5.1 U	5.3 U	5.4 U	5.9 UJ	
SW9045	pH	S.U.	7.53	9.46	8.71	7.56	7.46	7.42	7.56 J	

TABLE 3
SUMMARY OF VIBRACORE SEDIMENT ANALYTICAL RESULTS

		Location	OL-VC-40215	OL-VC-40215	OL-VC-40215	OL-VC-40215
Method	Parameter Name	Units				
ASTM D4643-00	SOLIDIS, PERCENT	%				
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	9980	10400	18900	18900
SM2540G	PERCENT MOISTURE	%				
SM2540G	SOLIDIS, PERCENT	%	56.5	58.1	56	58
SW7471	MERCURY	mg/kg	0.021 U	0.019 U	0.019 U	0.019 U
SW8082	AROCLOR-1016	ug/kg	5.8 U	5.7 U	5.9 U	5.6 U
SW8082	AROCLOR-1221	ug/kg	5.8 U	5.7 U	5.9 U	5.6 U
SW8082	AROCLOR-1232	ug/kg	5.8 U	5.7 U	5.9 U	5.6 U
SW8082	AROCLOR-1242	ug/kg	5.8 U	5.7 U	5.9 U	5.6 U
SW8082	AROCLOR-1248	ug/kg	5.8 U	5.7 U	5.9 U	5.6 U
SW8082	AROCLOR-1254	ug/kg	5.8 U	5.7 U	5.9 U	5.6 U
SW8082	AROCLOR-1260	ug/kg	5.8 U	5.7 U	5.9 U	5.6 U
SW8082	AROCLOR-1268	ug/kg	5.8 U	5.7 U	5.9 U	5.6 U
SW8082	PCBS, N.O.S.	ug/kg	5.8 U	5.7 U	5.9 U	5.6 U
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	8.3 U	9.2 U	9.7 U	9 U
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	8.3 U	9.2 U	9.7 U	9 U
SW8260	1,2-DICHLOROBENZENE	ug/kg	8.3 U	9.2 U	9.7 U	9 U
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	8.3 U	9.2 UJ	9.7 U	9 U
SW8260	1,3-DICHLOROBENZENE	ug/kg	8.3 U	9.2 U	9.7 U	9 U
SW8260	1,4-DICHLOROBENZENE	ug/kg	8.3 U	9.2 U	9.7 U	9 U
SW8260	BENZENE	ug/kg	1.7 U	1.8 U	1.9 U	1.8 U
SW8260	CHLOROBENZENE	ug/kg	8.3 U	9.2 U	9.7 U	9 U
SW8260	ETHYLBENZENE	ug/kg	1.7 U	1.8 U	1.9 U	1.8 U
SW8260	NAPHTHALENE	ug/kg	8.3 U	9.2 U	9.7 U	9 U
SW8260	O-XYLENE	ug/kg	1.7 U	1.8 U	1.9 U	1.8 U
SW8260	TOLUENE	ug/kg	1.7 U	1.8 U	1.9 U	1.8 U
SW8260	XYLEMES, M & P	ug/kg	3.3 U	3.7 U	3.9 U	3.6 U
SW8260	XYLEMES, TOTAL	ug/kg	3.3 U	3.7 U	3.9 U	3.6 U
SW8270	ACENAPHTHENE	ug/kg	5 U	4.9 U	5.1 U	4.9 U
SW8270	ACENAPHTHYLENE	ug/kg	5 U	4.9 U	5.1 U	4.9 U
SW8270	ANTHRACENE	ug/kg	5 U	4.9 U	5.1 U	4.9 U
SW8270	BENZO(A)ANTHRACENE	ug/kg	5 U	4.9 U	5.1 U	4.9 U
SW8270	BENZO(A)PYRENE	ug/kg	5 U	4.9 U	5.1 U	4.9 U
SW8270	BENZO(B)FLUORANTHENE	ug/kg	5 U	4.9 U	5.1 U	4.9 U
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	5 U	4.9 U	5.1 U	4.9 U
SW8270	BENZO(K)FLUORANTHENE	ug/kg	5 U	4.9 U	5.1 U	4.9 U
SW8270	CHRYSENE	ug/kg	5 U	4.9 U	5.1 U	4.9 U
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	5 U	4.9 U	5.1 U	4.9 U
SW8270	FLUORANTHENE	ug/kg	5 U	4.9 U	5.1 U	4.9 U
SW8270	FLUORENE	ug/kg	5 U	4.9 U	5.1 U	4.9 U
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	5 U	4.9 U	5.1 U	4.9 U
SW8270	PHENANTHRENE	ug/kg	5 U	4.9 U	5.1 U	13.7
SW8270	PHENOL	ug/kg	50 U	49 U	51 U	49 U
SW8270	PYRENE	ug/kg	5 U	4.9 U	5.1 U	4.9 U
SW9045	pH	S.U.	7.27	7.67	7.36	7.39

TABLE 3
SUMMARY OF VIBRACORE SEDIMENT ANALYTICAL RESULTS

		Location	OL-VC-40216	OL-VC-40216	OL-VC-40216	OL-VC-40216	OL-VC-40216	OL-VC-40216	OL-VC-40216	OL-VC-40216
	Sample Depth	0-1 Ft		1-2 Ft	2-3 Ft	3-4 Ft	4-5 Ft	5-6 Ft	6-7 Ft	
	Field Sample ID	OL-0882-20		OL-0883-01	OL-0883-02	OL-0883-03	OL-0883-04	OL-0883-05	OL-0883-06	
	Sample Date	8/13/2009		8/13/2009	8/13/2009	8/13/2009	8/13/2009	8/13/2009	8/13/2009	
	Sample Delivery Group	JA25599		JA25600	JA25600	JA25600	JA25600	JA25600	JA25600	
	Matrix	SOIL		SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	
	Sample Purpose	Regular sample		Regular sample						
	Sample Type	Sediment		Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	
Method	Parameter Name	Units								
ASTM D4643-00	SOLIDS, PERCENT	%								
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	12900	7160	8860	8020	8370	7870	7340	
SM2540G	PERCENT MOISTURE	%								
SM2540G	SOLIDS, PERCENT	%	57.8	56.6	52.7	57.9	58.7	57.3	54.5	
SW7471	MERCURY	mg/kg	5.8	0.15	0.02 U	0.022 U				
SW8082	AROCLOR-1016	ug/kg	5.7 U	5.8 U	6.3 U	5.8 U	5.7 U	5.7 U	5.7 U	6 U
SW8082	AROCLOR-1221	ug/kg	5.7 U	5.8 U	6.3 U	5.8 U	5.7 U	5.7 U	5.7 U	6 U
SW8082	AROCLOR-1232	ug/kg	5.7 U	5.8 U	6.3 U	5.8 U	5.7 U	5.7 U	5.7 U	6 U
SW8082	AROCLOR-1242	ug/kg	5.7 U	5.8 U	6.3 U	5.8 U	5.7 U	5.7 U	5.7 U	6 U
SW8082	AROCLOR-1248	ug/kg	17.8	5.8 U	6.3 U	5.8 U	5.7 U	5.7 U	5.7 U	6 U
SW8082	AROCLOR-1254	ug/kg	8.4	5.8 U	6.3 U	5.8 U	5.7 U	5.7 U	5.7 U	6 U
SW8082	AROCLOR-1260	ug/kg	5.7 U	5.8 U	6.3 U	5.8 U	5.7 U	5.7 U	5.7 U	6 U
SW8082	AROCLOR-1268	ug/kg	6.9	5.8 U	6.3 U	5.8 U	5.7 U	5.7 U	5.7 U	6 U
SW8082	PCBS, N.O.S.	ug/kg	33.1 J	5.8 U	6.3 U	5.8 U	5.7 U	5.7 U	5.7 U	6 U
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	8.5 U	8.3 U	9.5 U	8.1 U	8.2 U	8.2 U	8.2 U	8.8 U
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	8.5 U	8.3 U	9.5 U	8.1 U	8.2 U	8.2 U	8.2 U	8.8 U
SW8260	1,2-DICHLOROBENZENE	ug/kg	8.5 U	0.5 J	9.5 U	8.1 U	8.2 U	8.2 U	8.2 U	8.8 U
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	2.2 J	0.45 J	9.5 U	8.1 U	8.2 U	8.2 U	8.2 U	8.8 U
SW8260	1,3-DICHLOROBENZENE	ug/kg	2.2 J	0.89 J	9.5 U	8.1 U	8.2 U	8.2 U	8.2 U	8.8 U
SW8260	1,4-DICHLOROBENZENE	ug/kg	1 J	0.72 J	9.5 U	8.1 U	8.2 U	8.2 U	8.2 U	8.8 U
SW8260	BENZENE	ug/kg	1.7 U	1.7 U	1.9 U	1.6 U	1.6 U	1.6 U	1.6 U	1.8 U
SW8260	CHLOROBENZENE	ug/kg	8.5 U	0.57 J	9.5 U	8.1 U	8.2 U	8.2 U	8.2 U	8.8 U
SW8260	ETHYLBENZENE	ug/kg	1.7 U	1.7 U	1.9 U	1.6 U	1.6 U	1.6 U	1.6 U	1.8 U
SW8260	NAPHTHALENE	ug/kg	8.5 U	8.3 U	9.5 U	8.1 U	8.2 U	8.2 U	8.2 U	8.8 U
SW8260	O-XYLENE	ug/kg	1.7 U	1.7 U	1.9 U	1.6 U	1.6 U	1.6 U	1.6 U	1.8 U
SW8260	TOLUENE	ug/kg	1.7 U	1.7 U	1.9 U	1.6 U	1.6 U	1.6 U	1.6 U	1.8 U
SW8260	XYLEMES, M & P	ug/kg	3.4 U	3.3 U	3.8 U	3.3 U	3.3 U	3.3 U	3.3 U	3.5 U
SW8260	XYLEMES, TOTAL	ug/kg	3.4 U	3.3 U	3.8 U	3.3 U	3.3 U	3.3 U	3.3 U	3.5 U
SW8270	ACENAPHTHENE	ug/kg	4.9 U	5 U	5.4 U	4.9 U	4.9 U	5 U	5.2 U	
SW8270	ACENAPHTHYLENE	ug/kg	4.9 U	5 U	5.4 U	4.9 U	4.9 U	5 U	5.2 U	
SW8270	ANTHRACENE	ug/kg	4.9 U	5 U	5.4 U	4.9 U	4.9 U	5 U	5.2 U	
SW8270	BENZO(A)ANTHRACENE	ug/kg	15.1	5 U	5.4 U	4.9 U	4.9 U	5 U	5.2 U	
SW8270	BENZO(A)PYRENE	ug/kg	6.21	5 U	5.4 U	4.9 U	4.9 U	5 U	5.2 U	
SW8270	BENZO(B)FLUORANTHENE	ug/kg	15.7	5 U	5.4 U	4.9 U	4.9 U	5 U	5.2 U	
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	6.66	5 U	5.4 U	4.9 U	4.9 U	5 U	5.2 U	
SW8270	BENZO(K)FLUORANTHENE	ug/kg	4.31 J	5 U	5.4 U	4.9 U	4.9 U	5 U	5.2 U	
SW8270	CHRYSENE	ug/kg	7.69	5 U	5.4 U	4.9 U	4.9 U	5 U	5.2 U	
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	4.9 U	5 U	5.4 U	4.9 U	4.9 U	5 U	5.2 U	
SW8270	FLUORANTHENE	ug/kg	14.3	5 U	5.4 U	4.9 U	4.9 U	5 U	5.2 U	
SW8270	FLUORENE	ug/kg	4.9 U	5 U	5.4 U	4.9 U	4.9 U	5 U	5.2 U	
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	5.26	5 U	5.4 U	4.9 U	4.9 U	5 U	5.2 U	
SW8270	PHENANTHRENE	ug/kg	13.5	5 U	5.4 U	4.9 U	4.9 U	5 U	5.2 U	
SW8270	PHENOL	ug/kg	49 U	50 U	54 U	49 U	49 U	50 U	52 U	
SW8270	PYRENE	ug/kg	46.2	5 U	5.4 U	4.9 U	4.9 U	5 U	5.2 U	
SW9045	pH	S.U.	7.1	7.84	7.78	7.77	7.84	7.76	7.65	

TABLE 3
SUMMARY OF VIBRACORE SEDIMENT ANALYTICAL RESULTS

		Location	OL-VC-40216	OL-VC-40216	OL-VC-40217	OL-VC-40217
Method	Parameter Name	Units				
ASTM D4643-00	SOLIDS, PERCENT	%				
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	7960	7150	8230	5000 J
SM2540G	PERCENT MOISTURE	%				
SM2540G	SOLIDS, PERCENT	%	58.3	61.7	54.9	44.5
SW7471	MERCURY	mg/kg	0.019 U	0.019 U	6.3	20.7 J
SW8082	AROCLOR-1016	ug/kg	5.6 U	5.4 U	6.1 U	7.5 UJ
SW8082	AROCLOR-1221	ug/kg	5.6 U	5.4 U	6.1 U	7.5 UJ
SW8082	AROCLOR-1232	ug/kg	5.6 U	5.4 U	6.1 U	7.5 UJ
SW8082	AROCLOR-1242	ug/kg	5.6 U	5.4 U	6.1 U	7.5 UJ
SW8082	AROCLOR-1248	ug/kg	5.6 U	5.4 U	31.3	51.6 J
SW8082	AROCLOR-1254	ug/kg	5.6 U	5.4 U	30.2	28.3 J
SW8082	AROCLOR-1260	ug/kg	5.6 U	5.4 U	6.1 U	16.9 J
SW8082	AROCLOR-1268	ug/kg	5.6 U	5.4 U	43.5	7.5 UJ
SW8082	PCBS, N.O.S.	ug/kg	5.6 U	5.4 U	105	96.8 J
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	7.8 U	7.4 U	9.5 U	11 UJ
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	7.8 U	7.4 U	9.5 U	11 UJ
SW8260	1,2-DICHLOROBENZENE	ug/kg	7.8 U	7.4 U	1.7 J	6.7 J
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	7.8 U	7.4 U	9.5 U	0.75 J
SW8260	1,3-DICHLOROBENZENE	ug/kg	7.8 U	7.4 U	4.1 J	15.3 J
SW8260	1,4-DICHLOROBENZENE	ug/kg	7.8 U	7.4 U	2.2 J	4.9 J
SW8260	BENZENE	ug/kg	1.6 U	1.5 U	1.9 U	2 J
SW8260	CHLOROBENZENE	ug/kg	7.8 U	7.4 U	7.2 J	36.9 J
SW8260	ETHYLBENZENE	ug/kg	1.6 U	1.5 U	0.75 J	5.5 J
SW8260	NAPHTHALENE	ug/kg	7.8 U	7.4 U	4.2 J	5.1 J
SW8260	O-XYLENE	ug/kg	1.6 U	1.5 U	2	13.1 J
SW8260	TOLUENE	ug/kg	1.6 U	1.5 U	1.9 U	1.8 J
SW8260	XYLEMES, M & P	ug/kg	3.1 U	2.9 U	15.5	99.8 J
SW8260	XYLEMES, TOTAL	ug/kg	3.1 U	2.9 U	17.5	113 J
SW8270	ACENAPHTHENE	ug/kg	4.9 U	4.6 U	5.2 U	6.4 UJ
SW8270	ACENAPHTHYLENE	ug/kg	4.9 U	4.6 U	5.2 U	6.4 UJ
SW8270	ANTHRACENE	ug/kg	4.9 U	4.6 U	5.2 U	6.4 UJ
SW8270	BENZO(A)ANTHRACENE	ug/kg	4.9 U	4.6 U	25.7	6.4 UJ
SW8270	BENZO(A)PYRENE	ug/kg	4.9 U	4.6 U	22.3	6.4 UJ
SW8270	BENZO(B)FLUORANTHENE	ug/kg	4.9 U	4.6 U	37	6.4 UJ
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	4.9 U	4.6 U	16.1	6.4 UJ
SW8270	BENZO(K)FLUORANTHENE	ug/kg	4.9 U	4.6 U	14.1	6.4 UJ
SW8270	CHRYSENE	ug/kg	4.9 U	4.6 U	18.2	6.4 UJ
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	4.9 U	4.6 U	5.2 U	6.4 UJ
SW8270	FLUORANTHENE	ug/kg	4.9 U	4.6 U	52.9	15.4 J
SW8270	FLUORENE	ug/kg	4.9 U	4.6 U	5.2 U	6.4 UJ
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	4.9 U	4.6 U	13.2	6.4 UJ
SW8270	PHENANTHRENE	ug/kg	4.9 U	4.6 U	28.9	8.76 J
SW8270	PHENOL	ug/kg	49 U	46 U	52 U	64 UJ
SW8270	PYRENE	ug/kg	4.9 U	4.6 U	39.8	12.1 J
SW9045	pH	S.U.	7.84	7.82	8.16	8.63 J

TABLE 3
SUMMARY OF VIBRACORE SEDIMENT ANALYTICAL RESULTS

		Location	OL-VC-40217	OL-VC-40217						
		Sample Depth	2-3 Ft	3-4 Ft	4-5 Ft	5-6 Ft	6-7 Ft	7-8 Ft	8-9.2 Ft	
		Field Sample ID	OL-0859-03	OL-0859-04	OL-0859-05	OL-0859-06	OL-0859-07	OL-0859-08	OL-0859-09	
		Sample Date	8/3/2009	8/3/2009	8/3/2009	8/3/2009	8/3/2009	8/3/2009	8/3/2009	
		Sample Delivery Group	JA24639							
		Matrix	SOIL							
		Sample Purpose	Regular sample							
		Sample Type	Sediment							
Method	Parameter Name	Units								
ASTM D4643-00	SOLIDS, PERCENT	%								
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	6660	21900	10000	11200	7800	16700	8320	
SM2540G	PERCENT MOISTURE	%								
SM2540G	SOLIDS, PERCENT	%	50.4	51.4	52.1	56.1	56.8	58.9	54.2	
SW7471	MERCURY	mg/kg	27	50	116	2.4	72.7	0.79	0.024	U
SW8082	AROCLOR-1016	ug/kg	6.6 U	6.5 U	6.4 U	5.9 U	5.9 U	5.6 U	6.2 U	
SW8082	AROCLOR-1221	ug/kg	6.6 U	6.5 U	6.4 U	5.9 U	5.9 U	5.6 U	6.2 U	
SW8082	AROCLOR-1232	ug/kg	6.6 U	6.5 U	6.4 U	5.9 U	5.9 U	5.6 U	6.2 U	
SW8082	AROCLOR-1242	ug/kg	6.6 U	6.5 U	6.4 U	5.9 U	5.9 U	5.6 U	6.2 U	
SW8082	AROCLOR-1248	ug/kg	45.6	104 J	90	5.9 U	74.5	5.6 U	6.2 U	
SW8082	AROCLOR-1254	ug/kg	18.3	43 J	61.7 J	5.9 U	27.3 J	5.6 U	6.2 U	
SW8082	AROCLOR-1260	ug/kg	6.6 U	6.5 U	6.4 U	5.9 U	5.9 U	5.6 U	6.2 U	
SW8082	AROCLOR-1268	ug/kg	6.6 U	96.9 J	52.1 J	7.4	84.4 J	5.6 U	6.2 U	
SW8082	PCBS, N.O.S.	ug/kg	63.9	244 J	204 J	7.4	186	5.6 U	6.2 U	
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	9.7 U	9.9 U	9.6 U	8.6 U	8.3 U	8 U	9 U	
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	9.7 U	9.9 U	9.6 U	8.6 U	8.3 U	8 U	9 U	
SW8260	1,2-DICHLOROBENZENE	ug/kg	9.5 J	10.5	7 J	1.6 J	0.7 J	8 U	9 U	
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	9.7 U	1.3 J	9.6 U	8.6 U	8.3 U	8 U	9 U	
SW8260	1,3-DICHLOROBENZENE	ug/kg	12.7	66.8	202	78.2	28.2	5.6 J	9 U	
SW8260	1,4-DICHLOROBENZENE	ug/kg	8.4 J	13.3	18.9	5.4 J	3.4 J	0.79 J	9 U	
SW8260	BENZENE	ug/kg	3.9	7.2	11.5	4.5	1.1 J	1.6 U	1.8 U	
SW8260	CHLOROBENZENE	ug/kg	75.5	105	105	51.5	7.7 J	1.2 J	9 U	
SW8260	ETHYLBENZENE	ug/kg	13.5	28.5	31.2	11.9	2.9	0.94 J	1.8 U	
SW8260	NAPHTHALENE	ug/kg	5.6 J	7.6 J	102	11.8	6.9 J	5 J	5.2 J	
SW8260	O-XYLENE	ug/kg	33.5	70.1	92.3	34.6	5.6	0.81 J	1.8 U	
SW8260	TOLUENE	ug/kg	3.2	4.3	24.9	1.2 J	1.2 J	0.59 J	1.8 U	
SW8260	XYLENES, M & P	ug/kg	230	452	478	176	21	1.4 J	0.96 J	
SW8260	XYLENES, TOTAL	ug/kg	263	522	570	211	26.6	2.2 J	0.96 J	
SW8270	ACENAPHTHENE	ug/kg	5.7 U	5.6 U	5.5 U	5.1 U	5 U	4.9 U	5.3 U	
SW8270	ACENAPHTHYLENE	ug/kg	5.7 U	5.6 U	5.5 U	5.1 U	5 U	4.9 U	5.3 U	
SW8270	ANTHRACENE	ug/kg	5.7 U	8.03	5.5 U	5.1 U	9.34	4.9 U	5.3 U	
SW8270	BENZO(A)ANTHRACENE	ug/kg	15.2	13.6	9.57	12.5	18.5	4.9 U	5.3 U	
SW8270	BENZO(A)PYRENE	ug/kg	5.7 U	11.7	5.5 U	5.1 U	13.8	4.9 U	5.3 U	
SW8270	BENZO(B)FLUORANTHENE	ug/kg	5.7 U	25	5.5 U	5.1 U	21.9	4.9 U	5.3 U	
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	5.7 U	7.44	5.5 U	5.1 U	9.03	4.9 U	5.3 U	
SW8270	BENZO(K)FLUORANTHENE	ug/kg	5.7 U	5.64	5.5 U	5.1 U	10.2	4.9 U	5.3 U	
SW8270	CHRYSENE	ug/kg	7.46	14.9	7.43	5.5	12.9	4.9 U	5.3 U	
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	5.7 U	5.6 U	5.5 U	5.1 U	5 U	4.9 U	5.3 U	
SW8270	FLUORANTHENE	ug/kg	22.7	43.3	22.3	11	42.2	4.9 U	5.3 U	
SW8270	FLUORENE	ug/kg	5.7 U	20.5	8.46	5.1 U	5.85	4.9 U	5.3 U	
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	5.7 U	6.5	5.5 U	5.1 U	7.79	4.9 U	5.3 U	
SW8270	PHENANTHRENE	ug/kg	18.3	36.8	13.9	9.02	35	4.9 U	5.3 U	
SW8270	PHENOL	ug/kg	57 U	56 U	55 U	51 U	50 U	49 U	53 U	
SW8270	PYRENE	ug/kg	19.5	35.1	20.1	9.43	51.1	4.9 U	5.3 U	
SW9045	pH	S.U.	8.47	7.88	7.68	7.72	7.19	7.31	6.89	

TABLE 3
SUMMARY OF VIBRACORE SEDIMENT ANALYTICAL RESULTS

		Location	OL-VC-40218	OL-VC-40218	OL-VC-40218	OL-VC-40218
	Sample Depth		0-1 Ft	1-2 Ft	2-3 Ft	3-4 Ft
	Field Sample ID		OL-0898-12	OL-0898-13	OL-0898-14	OL-0898-15
	Sample Date		8/20/2009	8/20/2009	8/20/2009	8/20/2009
	Sample Delivery Group		JA26131	JA26131	JA26131	JA26131
	Matrix	SOIL	SOIL	SOIL	SOIL	SOIL
	Sample Purpose	Regular sample				
	Sample Type	Sediment	Sediment	Sediment	Sediment	Sediment
Method	Parameter Name	Units				
ASTM D4643-00	SOLIDS, PERCENT	%				
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	11200	11100	9300	13200
SM2540G	PERCENT MOISTURE	%				
SM2540G	SOLIDS, PERCENT	%	52.7	52.3	51.4	52.6
SW7471	MERCURY	mg/kg	33.1	45.9	38.8	81
SW8082	AROCLOR-1016	ug/kg	6.2 U	6.2 U	6.4 U	6.3 U
SW8082	AROCLOR-1221	ug/kg	6.2 U	6.2 U	6.4 U	6.3 U
SW8082	AROCLOR-1232	ug/kg	6.2 U	6.2 U	6.4 U	6.3 U
SW8082	AROCLOR-1242	ug/kg	6.2 U	6.2 U	6.4 U	6.3 U
SW8082	AROCLOR-1248	ug/kg	25.4 J	18.7 J	20.9 J	37
SW8082	AROCLOR-1254	ug/kg	25.2	18.2	16.9	21.2
SW8082	AROCLOR-1260	ug/kg	6.2 U	6.2 U	6.4 U	6.3 U
SW8082	AROCLOR-1268	ug/kg	28	6.2 U	6.4 U	14.3
SW8082	PCBS, N.O.S.	ug/kg	78.6	36.9 J	37.8 J	72.5
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	670 U	670 U	670 U	690 U
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	670 U	670 U	670 U	690 U
SW8260	1,2-DICHLOROBENZENE	ug/kg	670 U	670 U	670 U	690 U
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	670 U	670 U	104 J	160 J
SW8260	1,3-DICHLOROBENZENE	ug/kg	115 J	132 J	243 J	619 J
SW8260	1,4-DICHLOROBENZENE	ug/kg	54.8 J	52 J	48.6 J	84.9 J
SW8260	BENZENE	ug/kg	130 U	130 U	130 U	140 U
SW8260	CHLOROBENZENE	ug/kg	205 J	227 J	279 J	541 J
SW8260	ETHYLBENZENE	ug/kg	479	843	926	1330
SW8260	NAPHTHALENE	ug/kg	670 U	670 U	670 U	690 U
SW8260	O-XYLENE	ug/kg	582	1220	1370	2010
SW8260	TOLUENE	ug/kg	130 U	47.3 J	49.3 J	56.4 J
SW8260	XYLENES, M & P	ug/kg	6480	10200	10300	14100
SW8260	XYLENES, TOTAL	ug/kg	7070	11400	11700	16100
SW8270	ACENAPHTHENE	ug/kg	5.4 U	5.4 U	5.6 U	5.4 U
SW8270	ACENAPHTHYLENE	ug/kg	7.3	5.4 U	5.6 U	5.4 U
SW8270	ANTHRACENE	ug/kg	12.2	6.66	7.62	6.89
SW8270	BENZO(A)ANTHRACENE	ug/kg	34.6	17.8	19	15
SW8270	BENZO(A)PYRENE	ug/kg	31.5	13.1	12.4	9.87
SW8270	BENZO(B)FLUORANTHENE	ug/kg	55.2	20.9	27.9	23.1
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	21.7	11.5	11.1	9.27
SW8270	BENZO(K)FLUORANTHENE	ug/kg	15.5	18.1	11.4	8.49
SW8270	CHRYSENE	ug/kg	40.8	23.1	22.5	19.4
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	8.95	5.4 U	5.6 U	5.4 U
SW8270	FLUORANTHENE	ug/kg	85.9	51.5	48.7	41.3
SW8270	FLUORENE	ug/kg	8.02	5.4 U	5.6 U	5.4 U
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	22.3	10.6	10.4	8.35
SW8270	PHENANTHRENE	ug/kg	45	29.9	33.5	26.3
SW8270	PHENOL	ug/kg	54 U	54 U	58.2	54 U
SW8270	PYRENE	ug/kg	79.2	41	39.6	39.8
SW9045	pH	S.U.	8.2	8.64	8.89	8.56

TABLE 3
SUMMARY OF VIBRACORE SEDIMENT ANALYTICAL RESULTS

		Location	OL-VC-40218	OL-VC-40218	OL-VC-40218	OL-VC-40218	OL-VC-40218	OL-VC-40218	OL-VC-40218	OL-VC-40219
	Sample Depth		4-5 Ft	5-6 Ft	6-7 Ft	7-8 Ft	8-9 Ft	9-10 Ft		0-1 Ft
	Field Sample ID		OL-0898-16	OL-0898-17	OL-0898-18	OL-0898-19	OL-0898-20	OL-0898-21		OL-0898-01
	Sample Date		8/20/2009	8/20/2009	8/20/2009	8/20/2009	8/20/2009	8/20/2009		8/20/2009
	Sample Delivery Group		JA26131	JA26131	JA26131	JA26131	JA26131	JA26131		JA26131
	Matrix	SOIL		SOIL						
	Sample Purpose	Regular sample		Regular sample						
	Sample Type	Sediment		Sediment						
Method	Parameter Name	Units								
ASTM D4643-00	SOLIDS, PERCENT	%								
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	21800	15900	14200	26300 J	63700 J	40800 J		7360
SM2540G	PERCENT MOISTURE	%								
SM2540G	SOLIDS, PERCENT	%	55.1	55.9	52	47.5	40.1	32.5		54.1
SW7471	MERCURY	mg/kg	86	65.6	95.7	7.9 J	0.95 J	0.83 J		31.8
SW8082	AROCLOR-1016	ug/kg	5.9 U	5.8 U	6.3 U	6.9 UJ	8.3 UJ	10 UJ		6.1 U
SW8082	AROCLOR-1221	ug/kg	5.9 U	5.8 U	6.3 U	6.9 UJ	8.3 UJ	10 UJ		6.1 U
SW8082	AROCLOR-1232	ug/kg	5.9 U	5.8 U	6.3 U	6.9 UJ	8.3 UJ	10 UJ		6.1 U
SW8082	AROCLOR-1242	ug/kg	5.9 U	5.8 U	6.3 U	6.9 UJ	8.3 UJ	10 UJ		6.1 U
SW8082	AROCLOR-1248	ug/kg	48.2	25	39.2	9.6 J	8.3 UJ	10 UJ		37.1
SW8082	AROCLOR-1254	ug/kg	57.3	23.1 J	33.6	8.4 J	8.3 UJ	10 UJ		34.3
SW8082	AROCLOR-1260	ug/kg	5.9 U	5.8 U	6.3 U	6.9 UJ	8.3 UJ	10 UJ		6.1 U
SW8082	AROCLOR-1268	ug/kg	45.1	18.3	38.7	66.7 J	8.3 UJ	10 UJ		8.7
SW8082	PCBS, N.O.S.	ug/kg	151	66.4	112	84.7 J	8.3 UJ	10 UJ		80.1
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	640 U	640 U	690 U	750 UJ	13 UJ	16 UJ		640 U
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	640 U	136 J	136 J	97.8 J	13 UJ	16 UJ		640 U
SW8260	1,2-DICHLOROBENZENE	ug/kg	71 J	69.2 J	65.6 J	82.2 J	5.7 J	16 UJ		1770
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	1260	2190	1490	486 J	13 UJ	16 UJ		640 U
SW8260	1,3-DICHLOROBENZENE	ug/kg	1580	786	244 J	85.8 J	13 UJ	16 UJ		49.6 J
SW8260	1,4-DICHLOROBENZENE	ug/kg	201 J	176 J	121 J	200 J	7.3 J	16 UJ		359 J
SW8260	BENZENE	ug/kg	130 U	130 U	140 U	150 UJ	7.2 J	4.1 J		130 U
SW8260	CHLOROBENZENE	ug/kg	1060	716	309 J	265 J	10.8 J	2.2 J		159 J
SW8260	ETHYLBENZENE	ug/kg	2620	2050	1270	937 J	19.4 J	1.2 J		1470
SW8260	NAPHTHALENE	ug/kg	500 J	640 U	690 U	750 UJ	4.7 J	16 UJ		640 U
SW8260	O-XYLENE	ug/kg	3860	3120	1880	1160 J	59.6 J	5 J		1820
SW8260	TOLUENE	ug/kg	82.4 J	89.9 J	125 J	166 J	10.8 J	1.8 J		130 U
SW8260	XYLENES, M & P	ug/kg	26500	20400	12600	8610 J	210 J	10 J		19200
SW8260	XYLENES, TOTAL	ug/kg	30300	23500	14500	9770 J	269 J	15 J		21000
SW8270	ACENAPHTHENE	ug/kg	5.2 U	7.6	5.4 U	6 UJ	7 UJ	9.6 UJ		5.3 U
SW8270	ACENAPHTHYLENE	ug/kg	7.81	12.9	7.81	10.7 J	7 UJ	11.5 J		8.01
SW8270	ANTHRACENE	ug/kg	18.4	26.3	20	13.6 J	6.6 J	22 J		13.1
SW8270	BENZO(A)ANTHRACENE	ug/kg	33.1	62.2	37.5	23.9 J	13.9 J	58.3 J		36.2
SW8270	BENZO(A)PYRENE	ug/kg	30.3	62	29.8	17.6 J	7 UJ	50.2 J		34.5
SW8270	BENZO(B)FLUORANTHENE	ug/kg	55.5	61.6	55.8	22.6 J	7 UJ	93.6 J		62.7
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	22.2	40.3	20.9	13.6 J	7 UJ	33.5 J		24.4
SW8270	BENZO(K)FLUORANTHENE	ug/kg	19.7	79.7	15	19.9 J	7 UJ	21.5 J		17.6
SW8270	CHRYSENE	ug/kg	41.7	78	45.9	27.9 J	14.9 J	50.1 J		44.5
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	12.9	17.4	8.34	6 UJ	7 UJ	9.6 UJ		10.7
SW8270	FLUORANTHENE	ug/kg	88.6	157	98.5	63.9 J	33.6 J	136 J		86.3
SW8270	FLUORENE	ug/kg	10.5	17.3	14	9.5 J	21.1 J	56.6 J		7.33
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	24.1	40.5	22.3	13.9 J	7 UJ	31.7 J		25.7
SW8270	PHENANTHRENE	ug/kg	51.6	98.9	63.2	41.3 J	28 J	108 J		43.1
SW8270	PHENOL	ug/kg	52 U	51 U	89	199 J	267 J	96 UJ		206
SW8270	PYRENE	ug/kg	73.3	146	82.6	62.3 J	32.2 J	128 J		78.2
SW9045	pH	S.U.	8.21	8.19	8.53	8.94 J	9.1 J	9.14 J		8.89

TABLE 3
SUMMARY OF VIBRACORE SEDIMENT ANALYTICAL RESULTS

		Location	OL-VC-40219	OL-VC-40219	OL-VC-40219	OL-VC-40219
	Sample Depth	1-2 Ft	2-3 Ft	2-3 Ft	3-4 Ft	
	Field Sample ID	OL-0898-03	OL-0898-02	OL-0898-04	OL-0898-05	
	Sample Date	8/20/2009	8/20/2009	8/20/2009	8/20/2009	
	Sample Delivery Group	JA26131	JA26131	JA26131	JA26131	
	Matrix	SOIL	SOIL	SOIL	SOIL	
	Sample Purpose	Regular sample	Regular sample	Field duplicate	Regular sample	
	Sample Type	Sediment	Sediment	Sediment	Sediment	
Method	Parameter Name	Units				
ASTM D4643-00	SOLIDS, PERCENT	%				
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	10300	8810	6900	14100 J
SM2540G	PERCENT MOISTURE	%				
SM2540G	SOLIDS, PERCENT	%	52.4	55.3	54.1	56.3
SW7471	MERCURY	mg/kg	28.7	39.4	41.3	145
SW8082	AROCLOR-1016	ug/kg	6.4 U	6 U	6 U	5.8 U
SW8082	AROCLOR-1221	ug/kg	6.4 U	6 U	6 U	5.8 U
SW8082	AROCLOR-1232	ug/kg	6.4 U	6 U	6 U	5.8 U
SW8082	AROCLOR-1242	ug/kg	6.4 U	6 U	6 U	5.8 U
SW8082	AROCLOR-1248	ug/kg	13.6	30.8	14.7 J	12
SW8082	AROCLOR-1254	ug/kg	12.8 J	17.8 J	10.5	8.3
SW8082	AROCLOR-1260	ug/kg	6.4 U	6 U	6 U	5.8 U
SW8082	AROCLOR-1268	ug/kg	6.6 J	21.5	6 UJ	9.6
SW8082	PCBS, N.O.S.	ug/kg	33	70.1	25.2 J	29.9
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	680 U	35 U	39 U	17 U
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	680 U	9.9 J	8.4 J	7.8 J
SW8260	1,2-DICHLOROBENZENE	ug/kg	911 J	108	109 J	19.4
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	680 U	33.6 J	29.7 J	38.4
SW8260	1,3-DICHLOROBENZENE	ug/kg	92.1 J	70.4	66.1	109
SW8260	1,4-DICHLOROBENZENE	ug/kg	188 J	32.9 J	31.8 J	19
SW8260	BENZENE	ug/kg	140 U	12.4	12.3	10.9
SW8260	CHLOROBENZENE	ug/kg	218 J	109	107 J	131
SW8260	ETHYLBENZENE	ug/kg	1370 J	367	351 J	166
SW8260	NAPHTHALENE	ug/kg	680 U	15.2 J	12.5 J	14 J
SW8260	O-XYLENE	ug/kg	1790 J	483	464 J	262
SW8260	TOLUENE	ug/kg	140 U	14.7	14.5	12.7
SW8260	XYLENES, M & P	ug/kg	17600 J	8170	8070 J	5640
SW8260	XYLENES, TOTAL	ug/kg	19300 J	8650	8530 J	5900
SW8270	ACENAPHTHENE	ug/kg	5.4 U	5.2 U	5.3 U	5.1 U
SW8270	ACENAPHTHYLENE	ug/kg	6.81 J	5.2 U	5.3 UJ	5.1 U
SW8270	ANTHRACENE	ug/kg	13.1 J	5.74	7.54 J	13.9
SW8270	BENZO(A)ANTHRACENE	ug/kg	36.9 J	13.8	17.4 J	27.1
SW8270	BENZO(A)PYRENE	ug/kg	32.2 J	8.38	11.7 J	22.5
SW8270	BENZO(B)FLUORANTHENE	ug/kg	44.6	15.5	28.2	45.1
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	23.6 J	7.5	10.1 J	16.8
SW8270	BENZO(K)FLUORANTHENE	ug/kg	35.5 J	12.7	6.7 J	11
SW8270	CHRYSENE	ug/kg	45.5 J	16.8	22 J	35.4
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	10.4 J	5.2 U	5.3 UJ	7.07
SW8270	FLUORANTHENE	ug/kg	101 J	40.3	46.7 J	73.6
SW8270	FLUORENE	ug/kg	8.8 J	5.2 U	5.3 UJ	8.94
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	24.7 J	7.25	9.26 J	18.5
SW8270	PHENANTHRENE	ug/kg	57 J	26	28.1 J	40.4
SW8270	PHENOL	ug/kg	258	220	205	61.2
SW8270	PYRENE	ug/kg	80.4 J	31.9	37 J	59.2
SW9045	pH	S.U.	8.89	8.78	8.89	8.33

TABLE 3
SUMMARY OF VIBRACORE SEDIMENT ANALYTICAL RESULTS

		Location	OL-VC-40219	OL-VC-40219						
		Sample Depth	4-5 Ft	5-6 Ft	6-7 Ft	7-8 Ft	8-9 Ft	9-10 Ft	0-1 Ft	
		Field Sample ID	OL-0898-06	OL-0898-07	OL-0898-08	OL-0898-09	OL-0898-10	OL-0898-11	OL-0890-12	
		Sample Date	8/20/2009	8/20/2009	8/20/2009	8/20/2009	8/20/2009	8/20/2009	8/18/2009	
		Sample Delivery Group	JA26131	JA26131	JA26131	JA26131	JA26131	JA26131	JA25907	
		Matrix	SOIL							
		Sample Purpose	Regular sample							
		Sample Type	Sediment							
Method	Parameter Name	Units								
ASTM D4643-00	SOLIDS, PERCENT	%								
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	18100 J	9700 J	15800 J	25500 J	37100 J	54900 J	12000	
SM2540G	PERCENT MOISTURE	%								
SM2540G	SOLIDS, PERCENT	%	41.4	49.9	47.4	34.9	49.7	36.6	62.2	
SW7471	MERCURY	mg/kg	73.3 J	45.3 J	10.4 J	8 J	1.1 J	0.79 J	110 J	
SW8082	AROCLOR-1016	ug/kg	8.1 UJ	6.5 UJ	6.9 UJ	9.4 UJ	6.6 UJ	9 UJ	5.4 U	
SW8082	AROCLOR-1221	ug/kg	8.1 UJ	6.5 UJ	6.9 UJ	9.4 UJ	6.6 UJ	9 UJ	5.4 U	
SW8082	AROCLOR-1232	ug/kg	8.1 UJ	6.5 UJ	6.9 UJ	9.4 UJ	6.6 UJ	9 UJ	5.4 U	
SW8082	AROCLOR-1242	ug/kg	8.1 UJ	6.5 UJ	6.9 UJ	9.4 UJ	6.6 UJ	9 UJ	29.2	
SW8082	AROCLOR-1248	ug/kg	29.4 JN	32.6 J	6.9 UJ	9.4 UJ	6.6 UJ	9 UJ	5.4 U	
SW8082	AROCLOR-1254	ug/kg	21.2 J	30 J	8.6 J	9.4 UJ	6.6 UJ	9 UJ	13.8 J	
SW8082	AROCLOR-1260	ug/kg	8.1 UJ	11.4 J	6.9 UJ	9.4 UJ	6.6 UJ	9 UJ	5.4 U	
SW8082	AROCLOR-1268	ug/kg	8.6 J	6.5 UJ	6.9 UJ	9.4 UJ	6.6 UJ	9 UJ	78.4	
SW8082	PCBS, N.O.S.	ug/kg	59.2 JN	74 J	8.6 J	9.4 UJ	6.6 UJ	9 UJ	122	
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	13 UJ	10 UJ	11 UJ	15 UJ	9.7 UJ	14 UJ	7.6 U	
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	2.5 J	10 UJ	11 UJ	15 UJ	9.7 UJ	14 UJ	7.6 U	
SW8260	1,2-DICHLOROBENZENE	ug/kg	4.9 J	2.5 J	1.2 J	1.1 J	0.91 J	2.2 J	0.93 J	
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	30.4 J	15.6 J	11 UJ	15 UJ	9.7 UJ	14 UJ	9.2	
SW8260	1,3-DICHLOROBENZENE	ug/kg	37.9 J	6.8 J	11 UJ	15 UJ	9.7 UJ	14 UJ	7.9	
SW8260	1,4-DICHLOROBENZENE	ug/kg	5.8 J	2.4 J	1.1 J	1.5 J	1.1 J	3.5 J	2.1 J	
SW8260	BENZENE	ug/kg	8 J	4.5 J	3.1 J	5.6 J	2.8 J	4.1 J	2.6	
SW8260	CHLOROBENZENE	ug/kg	58.7 J	18 J	3.2 J	4 J	2.2 J	5.4 J	1.6 J	
SW8260	ETHYLBENZENE	ug/kg	45.9 J	12.3 J	1.2 J	3 UJ	1.9 UJ	2.8 UJ	5.5	
SW8260	NAPHTHALENE	ug/kg	6.2 J	2.8 J	11 UJ	15 UJ	9.7 UJ	14 UJ	1.8 J	
SW8260	O-XYLENE	ug/kg	93.7 J	32.3 J	5.7 J	1.5 J	1.9 UJ	2.8 UJ	8.1	
SW8260	TOLUENE	ug/kg	7.8 J	3.8 J	1.2 J	3 UJ	1.9 UJ	0.97 J	5.4	
SW8260	XYLENES, M & P	ug/kg	548 J	177 J	17.7 J	2.1 J	3.9 UJ	5.7 UJ	24.4	
SW8260	XYLENES, TOTAL	ug/kg	642 J	209 J	23.3 J	3.6 J	3.9 UJ	5.7 UJ	32.5	
SW8270	ACENAPHTHENE	ug/kg	7.5 J	5.7 UJ	6 UJ	8.2 UJ	5.7 UJ	7.8 UJ	4.88	
SW8270	ACENAPHTHYLENE	ug/kg	15 J	5.7 UJ	14.3 J	11.2 J	14.3 J	7.8 UJ	8.25	
SW8270	ANTHRACENE	ug/kg	33.1 J	7.4 J	13.8 J	10.9 J	16.8 J	7.8 UJ	25.9	
SW8270	BENZO(A)ANTHRACENE	ug/kg	55.5 J	12.6 J	22.4 J	20 J	30.5 J	13.7 J	59	
SW8270	BENZO(A)PYRENE	ug/kg	43.9 J	5.7 UJ	18.2 J	12.1 J	27.6 J	7.8 UJ	58.7	
SW8270	BENZO(B)FLUORANTHENE	ug/kg	78.6 J	5.7 UJ	32.3 J	26.3 J	41.8 J	7.8 UJ	83.3	
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	29.1 J	5.7 UJ	13.9 J	11.2 J	16.2 J	7.8 UJ	41.4	
SW8270	BENZO(K)FLUORANTHENE	ug/kg	26.7 J	5.7 UJ	8.81 J	6.91 J	10.8 J	7.8 UJ	45.8	
SW8270	CHRYSENE	ug/kg	72.2 J	16.7 J	29.2 J	23.3 J	34.2 J	15 J	76.8	
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	12.3 J	5.7 UJ	6 UJ	8.2 UJ	8.83 J	7.8 UJ	22.8	
SW8270	FLUORANTHENE	ug/kg	168 J	37.8 J	56.6 J	50.1 J	77.2 J	34.3 J	158	
SW8270	FLUORENE	ug/kg	20 J	6.94 J	6 UJ	8.2 UJ	10.3 J	18.5 J	11.6	
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	30.1 J	5.7 UJ	12 J	9.71 J	17.1 J	7.8 UJ	42.5	
SW8270	PHENANTHRENE	ug/kg	107 J	32.3 J	34.8 J	33.3 J	53.7 J	27.6 J	74.6	
SW8270	PHENOL	ug/kg	265 J	301 J	613 J	1060 J	512 J	569 J	45 U	
SW8270	PYRENE	ug/kg	152 J	39.3 J	64.4 J	55.1 J	77.9 J	33.5 J	126	
SW9045	pH	S.U.	8.84 J	9.06 J	9.13 J	9.37 J	9.47 J	9.74 J	7.1	

TABLE 3
SUMMARY OF VIBRACORE SEDIMENT ANALYTICAL RESULTS

		Location	OL-VC-40220	OL-VC-40220						
		Sample Depth	1-2 Ft	2-3 Ft	3-4 Ft	4-5 Ft	5-6 Ft	6-7 Ft	7-8 Ft	
		Field Sample ID	OL-0890-13	OL-0890-14	OL-0890-15	OL-0890-16	OL-0890-17	OL-0890-18	OL-0890-19	
		Sample Date	8/18/2009	8/18/2009	8/18/2009	8/18/2009	8/18/2009	8/18/2009	8/18/2009	
		Sample Delivery Group	JA25907							
		Matrix	SOIL							
		Sample Purpose	Regular sample							
		Sample Type	Sediment							
Method	Parameter Name	Units								
ASTM D4643-00	SOLIDS, PERCENT	%								
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	15500	12700	9750	9590	8420	9950	8840	
SM2540G	PERCENT MOISTURE	%								
SM2540G	SOLIDS, PERCENT	%	57.8	58	57.9	57.9	59.2	59.2	54.3	
SW7471	MERCURY	mg/kg	160 J	80.7 J	18.8 J	0.11 J	0.31 J	0.53 J	0.056 J	
SW8082	AROCLOR-1016	ug/kg	5.8 U	5.7 U	5.8 U	5.7 U	5.6 U	5.5 U	6.1 U	
SW8082	AROCLOR-1221	ug/kg	5.8 U	5.7 U	5.8 U	5.7 U	5.6 U	5.5 U	6.1 U	
SW8082	AROCLOR-1232	ug/kg	5.8 U	5.7 U	5.8 U	5.7 U	5.6 U	5.5 U	6.1 U	
SW8082	AROCLOR-1242	ug/kg	5.8 U	51.1	5.8 U	5.7 U	5.6 U	5.5 U	6.1 U	
SW8082	AROCLOR-1248	ug/kg	34	5.7 U	5.8 U	5.7 U	5.6 U	5.5 U	6.1 U	
SW8082	AROCLOR-1254	ug/kg	17.8	23 J	5.8 U	5.7 U	5.6 U	5.5 U	6.1 U	
SW8082	AROCLOR-1260	ug/kg	5.8 U	5.7 U	5.8 U	5.7 U	5.6 U	5.5 U	6.1 U	
SW8082	AROCLOR-1268	ug/kg	49.3	41.7	93.7	5.7 U	5.6 U	5.5 U	6.1 U	
SW8082	PCBS, N.O.S.	ug/kg	101	116	93.7	5.7 U	5.6 U	5.5 U	6.1 U	
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	8.3 U	8.5 U	8.1 U	8.6 U	7.8 U	8.1 U	9.2 U	
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	8.3 U	8.5 U	8.1 U	8.6 U	7.8 U	8.1 U	9.2 U	
SW8260	1,2-DICHLOROBENZENE	ug/kg	2.1 J	1.4 J	0.6 J	8.6 U	7.8 U	8.1 U	9.2 U	
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	19.4	18.8	8.2	8.6 U	7.8 U	8.1 U	9.2 U	
SW8260	1,3-DICHLOROBENZENE	ug/kg	68.3	70.9	45.5	4.7 J	7.8 U	8.1 U	9.2 U	
SW8260	1,4-DICHLOROBENZENE	ug/kg	11.5	8.8	3.1 U	8.6 U	7.8 U	8.1 U	9.2 U	
SW8260	BENZENE	ug/kg	3.6	4.2	2.6	2.8	2.5	1.9	1.6 J	
SW8260	CHLOROBENZENE	ug/kg	2.4 J	2 J	1.1 J	0.78 J	7.8 U	8.1 U	9.2 U	
SW8260	ETHYLBENZENE	ug/kg	4.5	2.2	1.5 J	1.1 J	1.6 U	1.6 U	1.8 U	
SW8260	NAPHTHALENE	ug/kg	3.1 J	2.8 J	1.9 J	8.6 U	7.8 U	8.1 U	9.2 U	
SW8260	O-XYLENE	ug/kg	13.7	6.8	3.8	2.5	1.6 U	1.6 U	1.8 U	
SW8260	TOLUENE	ug/kg	38.6	28.9	4.6	2.3	1.6	0.73 J	1.8 U	
SW8260	XYLEMES, M & P	ug/kg	61.7	28.4	11.1	3 J	3.1 U	3.2 U	3.7 U	
SW8260	XYLEMES, TOTAL	ug/kg	75.4	35.2	14.9	5.5	3.1 U	3.2 U	3.7 U	
SW8270	ACENAPHTHENE	ug/kg	11.6	8.06	4.9 U	4.9 U	4.8 U	4.8 U	5.3 U	
SW8270	ACENAPHTHYLENE	ug/kg	13.4	14.2	4.9 U	4.9 U	4.8 U	4.8 U	5.3 U	
SW8270	ANTHRACENE	ug/kg	38.6	35.4	7	4.9 U	4.8 U	4.8 U	5.3 U	
SW8270	BENZO(A)ANTHRACENE	ug/kg	95.6	82.6	15.4	4.9 U	4.8 U	4.8 U	5.3 U	
SW8270	BENZO(A)PYRENE	ug/kg	97.5	83.5	9.9	4.9 U	4.8 U	4.8 U	5.3 U	
SW8270	BENZO(B)FLUORANTHENE	ug/kg	99.1	119	13.2	4.9 U	4.8 U	4.8 U	5.3 U	
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	63.1	53.8	8.35	4.9 U	4.8 U	4.8 U	5.3 U	
SW8270	BENZO(K)FLUORANTHENE	ug/kg	28	32.1	12.2	4.9 U	4.8 U	4.8 U	5.3 U	
SW8270	CHRYSENE	ug/kg	122	102	17.7	4.9 U	4.8 U	4.8 U	5.3 U	
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	32.5	24.1	4.9 U	4.9 U	4.8 U	4.8 U	5.3 U	
SW8270	FLUORANTHENE	ug/kg	298	221	35.2	4.9 U	4.8 U	4.8 U	5.3 U	
SW8270	FLUORENE	ug/kg	22.6	19.1	4.9 U	4.9 U	4.8 U	4.8 U	5.3 U	
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	67.1	57	7.61	4.9 U	4.8 U	4.8 U	5.3 U	
SW8270	PHENANTHRENE	ug/kg	156	130	24.8	4.9 U	4.8 U	4.8 U	5.3 U	
SW8270	PHENOL	ug/kg	49 U	49 U	49 U	49 U	48 U	48 U	53 U	
SW8270	PYRENE	ug/kg	240	205	32	4.9 U	4.8 U	4.8 U	5.3 U	
SW9045	pH	S.U.	7.21	7.47	7.48	7.15	7.16	7.11	7.03	

TABLE 3
SUMMARY OF VIBRACORE SEDIMENT ANALYTICAL RESULTS

		Location	OL-VC-40220	OL-VC-40220	OL-VC-40221	OL-VC-40221	OL-VC-40221	OL-VC-40221	OL-VC-40221
	Sample Depth		8-9 Ft	9-10 Ft	0-1 Ft	1-2 Ft	2-3 Ft	3-4 Ft	3-4 Ft
	Field Sample ID		OL-0890-20	OL-0891-01	OL-0890-01	OL-0890-03	OL-0890-02	OL-0890-04	OL-0890-05
	Sample Date		8/18/2009	8/18/2009	8/18/2009	8/18/2009	8/18/2009	8/18/2009	8/18/2009
	Sample Delivery Group		JA25907	JA25908	JA25907	JA25907	JA25907	JA25907	JA25907
	Matrix	SOIL							
	Sample Purpose	Regular sample	Field duplicate						
	Sample Type	Sediment							
Method	Parameter Name	Units							
ASTM D4643-00	SOLIDS, PERCENT	%		53.3					
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	17400	8900	15900	11100	11100	15600	10100
SM2540G	PERCENT MOISTURE	%							
SM2540G	SOLIDS, PERCENT	%	55.5		55.3	58.1	61.4	59.9	59.6
SW7471	MERCURY	mg/kg	0.019 U	0.021 U	46.8 J	125 J	63 J	0.67 J	2.4 J
SW8082	AROCLOR-1016	ug/kg	6 U	6.1 U	6 U	5.7 U	5.4 U	5.5 U	5.5 U
SW8082	AROCLOR-1221	ug/kg	6 U	6.1 U	6 U	5.7 U	5.4 U	5.5 U	5.5 U
SW8082	AROCLOR-1232	ug/kg	6 U	6.1 U	6 U	5.7 U	5.4 U	5.5 U	5.5 U
SW8082	AROCLOR-1242	ug/kg	6 U	6.1 U	30.6	69.2	5.4 U	5.5 U	5.5 U
SW8082	AROCLOR-1248	ug/kg	6 U	6.1 U	6 U	5.7 U	17.4	5.5 U	5.5 U
SW8082	AROCLOR-1254	ug/kg	6 U	6.1 U	16.9	38.9	11.3	5.5 U	5.5 U
SW8082	AROCLOR-1260	ug/kg	6 U	6.1 U	6 U	5.7 U	5.4 U	5.5 U	5.5 U
SW8082	AROCLOR-1268	ug/kg	6 U	6.1 U	6 U	31.3	16.7	5.5 U	5.5 U
SW8082	PCBS, N.O.S.	ug/kg	6 U	6.1 U	47.5	139	45.4	5.5 U	5.5 U
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	9 U	10 U	8.7 U	8.4 U	8 U	8.2 U	8.2 U
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	9 U	10 U	8.7 U	8.4 U	8 U	8.2 U	8.2 U
SW8260	1,2-DICHLOROBENZENE	ug/kg	9 U	10 U	5.1 J	2.2 J	0.89 J	0.5 J	8.2 U
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	9 U	10 U	2.9 J	10.3	4.3 J	1.3 J	8.2 UJ
SW8260	1,3-DICHLOROBENZENE	ug/kg	9 U	10 U	95.3	131	61.7	30.2	19.4
SW8260	1,4-DICHLOROBENZENE	ug/kg	9 U	10 U	8.2 J	7.8 J	4.1 J	2.3 J	1.5 J
SW8260	BENZENE	ug/kg	1.1 J	2.1 U	4	4	2.9	2.6	2.7
SW8260	CHLOROBENZENE	ug/kg	9 U	10 U	22.1	19.5	8.6	5.7 J	4.5 J
SW8260	ETHYLBENZENE	ug/kg	1.8 U	2.1 U	9.1	15.4	9.3	8.9	7.8
SW8260	NAPHTHALENE	ug/kg	9 U	10 U	1.8 J	3.3 J	1.9 J	8.2 U	8.2 U
SW8260	O-XYLENE	ug/kg	1.8 U	2.1 U	19.9	18.4	1.6 U	1.6 U	1.6 U
SW8260	TOLUENE	ug/kg	1.8 U	2.1 U	6.9	4.5	0.91 J	0.88 J	0.83 J
SW8260	XYLENES, M & P	ug/kg	3.6 U	4.2 U	80.4	63.7	2.5 J	2.3 J	2.3 J
SW8260	XYLENES, TOTAL	ug/kg	3.6 U	4.2 U	100	82.1	2.5 J	2.3 J	2.3 J
SW8270	ACENAPHTHENE	ug/kg	5.1 U	5.3 U	5.2 U	5.48	4.7 U	4.7 U	4.8 U
SW8270	ACENAPHTHYLENE	ug/kg	5.1 U	5.3 U	5.68	7.62	4.7 U	4.7 U	4.8 U
SW8270	ANTHRACENE	ug/kg	5.1 U	5.3 U	7.88	28	6.18	4.7 U	4.8 U
SW8270	BENZO(A)ANTHRACENE	ug/kg	5.1 U	5.3 U	24.7	54.6	16.4	4.7 U	4.8 U
SW8270	BENZO(A)PYRENE	ug/kg	5.1 U	5.3 U	20.5	52.5	10.2	4.7 U	4.8 U
SW8270	BENZO(B)FLUORANTHENE	ug/kg	5.1 U	5.3 U	30.1	95	18.6	4.7 U	4.8 U
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	5.1 U	5.3 U	16.5	32.1	8.86	4.7 U	4.8 U
SW8270	BENZO(K)FLUORANTHENE	ug/kg	5.1 U	5.3 U	18	15.6	9.37	4.7 U	4.8 U
SW8270	CHRYSENE	ug/kg	5.1 U	5.3 U	26.7	63.1	16.7	4.7 U	4.8 U
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	5.1 U	5.3 U	6.27	14.5	4.75	4.7 U	4.8 U
SW8270	FLUORANTHENE	ug/kg	5.1 U	5.3 U	49.4	125	34.5	4.7 U	4.8 U
SW8270	FLUORENE	ug/kg	5.1 U	5.3 U	5.2 U	11.8	4.7 U	4.7 U	4.8 U
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	5.1 U	5.3 U	15.6	34	8.59	4.7 U	4.8 U
SW8270	PHENANTHRENE	ug/kg	5.1 U	5.3 U	25.9	73.5	19.9	4.7 U	4.8 U
SW8270	PHENOL	ug/kg	51 U	53 U	52 U	49 U	47 U	47 U	48 U
SW8270	PYRENE	ug/kg	5.1 U	5.3 U	44.8	105	29.8	4.7 U	4.8 U
SW9045	pH	S.U.	7.02	6.97	7.12	7.16	7.34	7.13	7.22

TABLE 3
SUMMARY OF VIBRACORE SEDIMENT ANALYTICAL RESULTS

		Location	OL-VC-40221	OL-VC-40221
	Sample Depth	4-5 Ft	5-6 Ft	
	Field Sample ID	OL-0890-06	OL-0890-07	
	Sample Date	8/18/2009	8/18/2009	
	Sample Delivery Group	JA25907	JA25907	
	Matrix	SOIL	SOIL	
	Sample Purpose	Regular sample	Regular sample	
	Sample Type	Sediment	Sediment	
Method	Parameter Name	Units		
ASTM D4643-00	SOLIDS, PERCENT	%		
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	10200	11100
SM2540G	PERCENT MOISTURE	%		
SM2540G	SOLIDS, PERCENT	%	60.5	56.3
SW7471	MERCURY	mg/kg	0.81 J	0.24 J
SW8082	AROCLOR-1016	ug/kg	5.5 U	5.8 U
SW8082	AROCLOR-1221	ug/kg	5.5 U	5.8 U
SW8082	AROCLOR-1232	ug/kg	5.5 U	5.8 U
SW8082	AROCLOR-1242	ug/kg	5.5 U	5.8 U
SW8082	AROCLOR-1248	ug/kg	5.5 U	5.8 U
SW8082	AROCLOR-1254	ug/kg	5.5 U	5.8 U
SW8082	AROCLOR-1260	ug/kg	5.5 U	5.8 U
SW8082	AROCLOR-1268	ug/kg	5.5 U	5.8 U
SW8082	PCBS, N.O.S.	ug/kg	5.5 U	5.8 U
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	7.8 U	8.2 U
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	7.8 U	8.2 U
SW8260	1,2-DICHLOROBENZENE	ug/kg	7.8 U	8.2 U
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	7.8 U	8.2 UJ
SW8260	1,3-DICHLOROBENZENE	ug/kg	1 J	8.2 U
SW8260	1,4-DICHLOROBENZENE	ug/kg	7.8 U	8.2 U
SW8260	BENZENE	ug/kg	2.4	2.4
SW8260	CHLOROBENZENE	ug/kg	1.4 J	8.2 U
SW8260	ETHYLBENZENE	ug/kg	2.9	0.71 J
SW8260	NAPHTHALENE	ug/kg	7.8 U	8.2 U
SW8260	O-XYLENE	ug/kg	0.75 J	0.84 J
SW8260	TOLUENE	ug/kg	0.74 J	0.7 J
SW8260	XYLENES, M & P	ug/kg	2 J	1.3 J
SW8260	XYLENES, TOTAL	ug/kg	2.8 J	2.2 J
SW8270	ACENAPHTHENE	ug/kg	4.7 U	5.1 U
SW8270	ACENAPHTHYLENE	ug/kg	4.7 U	5.1 U
SW8270	ANTHRACENE	ug/kg	4.7 U	5.1 U
SW8270	BENZO(A)ANTHRACENE	ug/kg	4.7 U	5.1 U
SW8270	BENZO(A)PYRENE	ug/kg	4.7 U	5.1 U
SW8270	BENZO(B)FLUORANTHENE	ug/kg	4.7 U	5.1 U
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	4.7 U	5.1 U
SW8270	BENZO(K)FLUORANTHENE	ug/kg	4.7 U	5.1 U
SW8270	CHRYSENE	ug/kg	4.7 U	5.1 U
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	4.7 U	5.1 U
SW8270	FLUORANTHENE	ug/kg	4.7 U	5.1 U
SW8270	FLUORENE	ug/kg	4.7 U	5.1 U
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	4.7 U	5.1 U
SW8270	PHENANTHRENE	ug/kg	4.7 U	5.1 U
SW8270	PHENOL	ug/kg	47 U	51 U
SW8270	PYRENE	ug/kg	4.7 U	5.1 U
SW9045	pH	S.U.	7.21	7.05

TABLE 3
SUMMARY OF VIBRACORE SEDIMENT ANALYTICAL RESULTS

		Location	OL-VC-40221	OL-VC-40221	OL-VC-40221	OL-VC-40221	OL-VC-40222	OL-VC-40222	OL-VC-40222
	Sample Depth	6-7 Ft	7-8 Ft	8-9 Ft	9-10 Ft	0-1 Ft	1-2 Ft	1-2 Ft	1-2 Ft
	Field Sample ID	OL-0890-08	OL-0890-09	OL-0890-10	OL-0890-11	OL-0895-01	OL-0895-02	OL-0895-03	
	Sample Date	8/18/2009	8/18/2009	8/18/2009	8/18/2009	8/19/2009	8/19/2009	8/19/2009	
	Sample Delivery Group	JA25907	JA25907	JA25907	JA25907	JA26005	JA26005	JA26005	
	Matrix	SOIL							
	Sample Purpose	Regular sample	Field duplicate						
	Sample Type	Sediment							
Method	Parameter Name	Units							
ASTM D4643-00	SOLIDS, PERCENT	%							
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	10400	10400	12200	9000	7110	9040	9210
SM2540G	PERCENT MOISTURE	%							
SM2540G	SOLIDS, PERCENT	%	55.7	54.3	57.6	57.6	58.6	62.2	60.8
SW7471	MERCURY	mg/kg	0.039 J	0.022 U	0.051 J	0.019 U	86.4 J	112 J	103 J
SW8082	AROCLOR-1016	ug/kg	5.8 U	310 U	5.7 U	5.6 U	5.7 U	5.3 U	5.5 U
SW8082	AROCLOR-1221	ug/kg	5.8 U	310 U	5.7 U	5.6 U	5.7 U	5.3 U	5.5 U
SW8082	AROCLOR-1232	ug/kg	5.8 U	310 U	5.7 U	5.6 U	5.7 U	5.3 U	5.5 U
SW8082	AROCLOR-1242	ug/kg	5.8 U	310 U	5.7 U	5.6 U	41.8	125	87.6
SW8082	AROCLOR-1248	ug/kg	5.8 U	310 U	5.7 U	5.6 U	5.7 U	5.3 U	5.5 U
SW8082	AROCLOR-1254	ug/kg	5.8 U	11100	5.7 U	5.6 U	30.7	50.4	47
SW8082	AROCLOR-1260	ug/kg	5.8 U	310 U	5.7 U	5.6 U	5.7 U	5.3 U	5.5 U
SW8082	AROCLOR-1268	ug/kg	5.8 U	310 U	5.7 U	5.6 U	22.9	156 J	74.6 J
SW8082	PCBS, N.O.S.	ug/kg	5.8 U	11100	5.7 U	5.6 U	95.4	331	209
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	8.6 U	8.9 U	8.5 U	8.7 U	8.5 U	7.7 U	7.8 U
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	8.6 U	8.9 U	8.5 U	8.7 U	2 J	7.7 U	7.8 U
SW8260	1,2-DICHLOROBENZENE	ug/kg	8.6 U	8.9 U	8.5 U	8.7 U	1.8 U	1.2 J	1.1 J
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	8.6 U	8.9 U	8.5 U	8.7 U	37.9	11.8	11.8 J
SW8260	1,3-DICHLOROBENZENE	ug/kg	8.6 U	8.9 U	8.5 U	8.7 U	203	80.3	71.8
SW8260	1,4-DICHLOROBENZENE	ug/kg	8.6 U	8.9 U	8.5 U	8.7 U	15.5	5.7 J	5 J
SW8260	BENZENE	ug/kg	2.3	2.3	2.1	1.7	3.2	3.4	3.2
SW8260	CHLOROBENZENE	ug/kg	8.6 U	8.9 U	8.5 U	8.7 U	20.2	13.7	13.1
SW8260	ETHYLBENZENE	ug/kg	1.7 U	1.8 U	1.7 U	1.7 U	21.3	17.6	15.8
SW8260	NAPHTHALENE	ug/kg	8.6 U	8.9 U	8.5 U	8.7 U	3.3 J	2.1 J	1.7 J
SW8260	O-XYLENE	ug/kg	1.7 U	1.8 U	1.7 U	1.7 U	4.4	1.3 J	1.4 J
SW8260	TOLUENE	ug/kg	1.7 U	1.8 U	1.7 U	1.7 U	0.74 J	0.88 J	0.82 J
SW8260	XYLENES, M & P	ug/kg	3.5 U	3.5 U	3.4 U	3.5 U	53.4	6	7.6
SW8260	XYLENES, TOTAL	ug/kg	3.5 U	3.5 U	3.4 U	3.5 U	57.8	7.3	9
SW8270	ACENAPHTHENE	ug/kg	5.1 U	5.2 U	5 U	4.9 U	4.9 U	4.55 J	4.7 U
SW8270	ACENAPHTHYLENE	ug/kg	5.1 U	5.2 U	5 U	4.9 U	4.9 U	5.13	4.7 U
SW8270	ANTHRACENE	ug/kg	5.1 U	5.2 U	5 U	4.9 U	17	28.9	21
SW8270	BENZO(A)ANTHRACENE	ug/kg	5.1 U	5.2 U	5 U	4.9 U	30.5	53.8	34.1
SW8270	BENZO(A)PYRENE	ug/kg	5.1 U	5.2 U	5 U	4.9 U	25.4	42.1	33.1
SW8270	BENZO(B)FLUORANTHENE	ug/kg	5.1 U	5.2 U	5 U	4.9 U	50.9	96.8	61.3
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	5.1 U	5.2 U	5 U	4.9 U	27.8	51	35.4
SW8270	BENZO(K)FLUORANTHENE	ug/kg	5.1 U	5.2 U	5 U	4.9 U	15.8	20.9	25.1
SW8270	CHRYSENE	ug/kg	5.1 U	5.2 U	5 U	4.9 U	21	37.1	33.5
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	5.1 U	5.2 U	5 U	4.9 U	7.53	11.8	8.55
SW8270	FLUORANTHENE	ug/kg	5.1 U	5.2 U	5 U	4.9 U	47.6	89.2	72
SW8270	FLUORENE	ug/kg	5.1 U	5.2 U	5 U	4.9 U	16.9	16.1	11.2
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	5.1 U	5.2 U	5 U	4.9 U	22.4	43.1	28.8
SW8270	PHENANTHRENE	ug/kg	5.1 U	5.2 U	5 U	4.9 U	57.3	102	79.9
SW8270	PHENOL	ug/kg	51 U	52 U	50 U	49 U	49 U	46 U	47 U
SW8270	PYRENE	ug/kg	5.1 U	5.2 U	5 U	4.9 U	180	175	126
SW9045	pH	S.U.	7.03	6.99	7.09	7.04	7.58	7.61	7.67

TABLE 3
SUMMARY OF VIBRACORE SEDIMENT ANALYTICAL RESULTS

		Location	OL-VC-40222	OL-VC-40222	OL-VC-40222	OL-VC-40222
	Sample Depth	2-3 Ft	3-4 Ft	4-5 Ft	5-6 Ft	
	Field Sample ID	OL-0895-04	OL-0895-05	OL-0895-06	OL-0895-07	
	Sample Date	8/19/2009	8/19/2009	8/19/2009	8/19/2009	
	Sample Delivery Group	JA26005	JA26005	JA26005	JA26005	
	Matrix	SOIL	SOIL	SOIL	SOIL	
	Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	
	Sample Type	Sediment	Sediment	Sediment	Sediment	
Method	Parameter Name	Units				
ASTM D4643-00	SOLIDS, PERCENT	%				
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	6800	6760	6480	7060
SM2540G	PERCENT MOISTURE	%				
SM2540G	SOLIDS, PERCENT	%	64.5	58.2	56.3	57.8
SW7471	MERCURY	mg/kg	83.8 J	0.019 UJ	0.16 J	0.091 J
SW8082	AROCLOR-1016	ug/kg	5.1 U	5.7 U	5.8 U	5.8 U
SW8082	AROCLOR-1221	ug/kg	5.1 U	5.7 U	5.8 U	5.8 U
SW8082	AROCLOR-1232	ug/kg	5.1 U	5.7 U	5.8 U	5.8 U
SW8082	AROCLOR-1242	ug/kg	62.7	5.7 U	5.8 U	5.8 U
SW8082	AROCLOR-1248	ug/kg	5.1 U	5.7 U	5.8 U	5.8 U
SW8082	AROCLOR-1254	ug/kg	27	5.7 U	5.8 U	5.8 U
SW8082	AROCLOR-1260	ug/kg	5.1 U	5.7 U	5.8 U	5.8 U
SW8082	AROCLOR-1268	ug/kg	82	5.7 U	5.8 U	5.8 U
SW8082	PCBS, N.O.S.	ug/kg	172	5.7 U	5.8 U	5.8 U
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	6.9 U	8.1 U	8.7 U	8.2 U
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	6.9 U	8.1 U	8.7 U	8.2 U
SW8260	1,2-DICHLOROBENZENE	ug/kg	6.9 U	8.1 U	8.7 U	8.2 U
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	7.5 J	0.49 J	8.7 UJ	8.2 U
SW8260	1,3-DICHLOROBENZENE	ug/kg	10.9	2.1 J	8.7 U	8.2 U
SW8260	1,4-DICHLOROBENZENE	ug/kg	1.6 J	8.1 U	8.7 U	8.2 U
SW8260	BENZENE	ug/kg	1 J	1.1 J	1.7 U	0.99 J
SW8260	CHLOROBENZENE	ug/kg	1.3 J	8.1 U	8.7 U	8.2 U
SW8260	ETHYLBENZENE	ug/kg	1.9	1.6 U	1.7 U	1.6 U
SW8260	NAPHTHALENE	ug/kg	6.9 U	8.1 U	8.7 U	8.2 U
SW8260	O-XYLENE	ug/kg	1.4 U	1.6 U	1.7 U	1.6 U
SW8260	TOLUENE	ug/kg	0.51 J	1.6 U	1.7 U	1.6 U
SW8260	XYLEMES, M & P	ug/kg	0.93 J	3.2 U	3.5 U	3.3 U
SW8260	XYLEMES, TOTAL	ug/kg	0.93 J	3.2 U	3.5 U	3.3 U
SW8270	ACENAPHTHENE	ug/kg	4.4 U	4.9 U	5.1 U	4.9 U
SW8270	ACENAPHTHYLENE	ug/kg	4.4 U	4.9 U	5.1 U	4.9 U
SW8270	ANTHRACENE	ug/kg	18.8	4.9 U	5.1 U	4.9 U
SW8270	BENZO(A)ANTHRACENE	ug/kg	28.2	4.9 U	5.1 U	4.9 U
SW8270	BENZO(A)PYRENE	ug/kg	30.5	4.9 U	5.1 U	4.9 U
SW8270	BENZO(B)FLUORANTHENE	ug/kg	56.9	4.9 U	5.1 U	4.9 U
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	36.8	4.9 U	5.1 U	4.9 U
SW8270	BENZO(K)FLUORANTHENE	ug/kg	24.3	4.9 U	5.1 U	4.9 U
SW8270	CHRYSENE	ug/kg	23.3	4.9 U	5.1 U	4.9 U
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	8.68	4.9 U	5.1 U	4.9 U
SW8270	FLUORANTHENE	ug/kg	65.3	4.9 U	5.1 U	4.9 U
SW8270	FLUORENE	ug/kg	10.7	4.9 U	5.1 U	4.9 U
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	30.3	4.9 U	5.1 U	4.9 U
SW8270	PHENANTHRENE	ug/kg	82.8	4.9 U	5.1 U	4.9 U
SW8270	PHENOL	ug/kg	44 U	49 U	51 U	49 U
SW8270	PYRENE	ug/kg	135	4.9 U	5.1 U	4.9 U
SW9045	pH	S.U.	7.61	7.28	7.24	7.22

TABLE 3
SUMMARY OF VIBRACORE SEDIMENT ANALYTICAL RESULTS

		Location	OL-VC-40222	OL-VC-40222	OL-VC-40222	OL-VC-40222	OL-VC-40223	OL-VC-40223	OL-VC-40223
		Sample Depth	6-7 Ft	7-8 Ft	8-9 Ft	9-10 Ft	0-1 Ft	1-2 Ft	2-3 Ft
		Field Sample ID	OL-0895-08	OL-0895-09	OL-0895-10	OL-0895-11	OL-0895-12	OL-0895-13	OL-0895-14
		Sample Date	8/19/2009	8/19/2009	8/19/2009	8/19/2009	8/19/2009	8/19/2009	8/19/2009
		Sample Delivery Group	JA26005						
		Matrix	SOIL						
		Sample Purpose	Regular sample						
		Sample Type	Sediment						
Method	Parameter Name	Units							
ASTM D4643-00	SOLIDS, PERCENT	%							
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	5690	6240	6940	7890	5850	8710	20300
SM2540G	PERCENT MOISTURE	%							
SM2540G	SOLIDS, PERCENT	%	58.6	58.4	59	59.3	57.4	61.1	58.7
SW7471	MERCURY	mg/kg	0.057 J	0.02 UJ	0.018 UJ	0.017 UJ	156 J	135 J	189 J
SW8082	AROCLOR-1016	ug/kg	5.7 U	5.7 U	5.6 U	5.5 U	5.8 U	5.5 U	5.6 U
SW8082	AROCLOR-1221	ug/kg	5.7 U	5.7 U	5.6 U	5.5 U	5.8 U	5.5 U	5.6 U
SW8082	AROCLOR-1232	ug/kg	5.7 U	5.7 U	5.6 U	5.5 U	5.8 U	5.5 U	5.6 U
SW8082	AROCLOR-1242	ug/kg	5.7 U	5.7 U	5.6 U	5.5 U	58.2	79.4	46.4
SW8082	AROCLOR-1248	ug/kg	5.7 U	5.7 U	5.6 U	5.5 U	5.8 U	5.5 U	5.6 U
SW8082	AROCLOR-1254	ug/kg	5.7 U	5.7 U	5.6 U	5.5 U	31.2	63.5	35.8
SW8082	AROCLOR-1260	ug/kg	5.7 U	5.7 U	5.6 U	5.5 U	5.8 U	5.5 U	5.6 U
SW8082	AROCLOR-1268	ug/kg	5.7 U	5.7 U	5.6 U	5.5 U	109	263	159
SW8082	PCBS, N.O.S.	ug/kg	5.7 U	5.7 U	5.6 U	5.5 U	198	406	241
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	8 U	8.1 U	8.3 U	8.3 U	8.9 U	8 U	8.5 U
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	8 U	8.1 U	8.3 U	8.3 U	8.9 U	8 U	8.5 U
SW8260	1,2-DICHLOROBENZENE	ug/kg	8 U	8.1 U	8.3 U	8.3 U	2 J	1.7 J	0.56 J
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	8 U	8.1 U	8.3 U	8.3 U	1.6 J	5.7 J	1.3 J
SW8260	1,3-DICHLOROBENZENE	ug/kg	8 U	8.1 U	8.3 U	8.3 U	61.4	44.5	9
SW8260	1,4-DICHLOROBENZENE	ug/kg	8 U	8.1 U	8.3 U	8.3 U	47.5	10.6	1.8 J
SW8260	BENZENE	ug/kg	0.83 J	0.83 J	0.78 J	0.68 J	2	2.9	0.95 J
SW8260	CHLOROBENZENE	ug/kg	8 U	8.1 U	8.3 U	8.3 U	199	104	7.6 J
SW8260	ETHYLBENZENE	ug/kg	1.6 U	1.6 U	1.7 U	1.7 U	10.4	9.9	1.6 J
SW8260	NAPHTHALENE	ug/kg	8 U	8.1 U	8.3 U	8.3 U	4.3 J	3.6 J	8.5 U
SW8260	O-XYLENE	ug/kg	1.6 U	1.6 U	1.7 U	1.7 U	47.3	32.2	9.7
SW8260	TOLUENE	ug/kg	1.6 U	1.6 U	1.7 U	1.7 U	2.1	3.2	2.1
SW8260	XYLENES, M & P	ug/kg	3.2 U	3.2 U	3.3 U	3.3 U	215	137	26.5
SW8260	XYLENES, TOTAL	ug/kg	3.2 U	3.2 U	3.3 U	3.3 U	262	169	36.2
SW8270	ACENAPHTHENE	ug/kg	4.8 U	4.9 U	4.8 U	4.8 U	5 U	4.6 U	4.9 U
SW8270	ACENAPHTHYLENE	ug/kg	4.8 U	4.9 U	4.8 U	4.8 U	5 U	7.61	7.34
SW8270	ANTHRACENE	ug/kg	4.8 U	4.9 U	4.8 U	4.8 U	7.79	36.4	21.6
SW8270	BENZO(A)ANTHRACENE	ug/kg	4.8 U	4.9 U	4.8 U	4.8 U	10.4	79.2	55.7
SW8270	BENZO(A)PYRENE	ug/kg	4.8 U	4.9 U	4.8 U	4.8 U	10.3	77.8	54.2
SW8270	BENZO(B)FLUORANTHENE	ug/kg	4.8 U	4.9 U	4.8 U	4.8 U	18.7	160	113
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	4.8 U	4.9 U	4.8 UJ	4.8 UJ	10.1	90.2	68.7
SW8270	BENZO(K)FLUORANTHENE	ug/kg	4.8 U	4.9 U	4.8 U	4.8 U	7.64	49	41.6
SW8270	CHRYSENE	ug/kg	4.8 U	4.9 U	4.8 U	4.8 U	9.24	71.4	54.8
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	4.8 U	4.9 U	4.8 U	4.8 U	5 U	19.2	14.5
SW8270	FLUORANTHENE	ug/kg	4.8 U	4.9 U	4.8 U	4.8 U	23.5	161	112
SW8270	FLUORENE	ug/kg	4.8 U	4.9 U	4.8 U	4.8 U	11.6	17.5	13.3
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	4.8 U	4.9 U	4.8 U	4.8 U	8.91	80.5	58.7
SW8270	PHENANTHRENE	ug/kg	4.8 U	4.9 U	4.8 U	4.8 U	23	162	106
SW8270	PHENOL	ug/kg	48 U	49 U	48 U	48 U	50 U	46 U	49 U
SW8270	PYRENE	ug/kg	4.8 U	4.9 U	4.8 U	4.8 U	67.4	192	111
SW9045	pH	S.U.	7.16	7.09	7.29	7.2	7.55	7.49	7.37

TABLE 3
SUMMARY OF VIBRACORE SEDIMENT ANALYTICAL RESULTS

		Location	OL-VC-40223	OL-VC-40223
	Sample Depth	3-4 Ft		4-5 Ft
	Field Sample ID	OL-0895-15		OL-0895-16
	Sample Date	8/19/2009		8/19/2009
Method	Parameter Name	Units		
ASTM D4643-00	SOLIDS, PERCENT	%		
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	55700	12100
SM2540G	PERCENT MOISTURE	%		
SM2540G	SOLIDS, PERCENT	%	52.1	57.7
SW7471	MERCURY	mg/kg	7.2 J	8.2 J
SW8082	AROCLOR-1016	ug/kg	6.4 U	5.8 U
SW8082	AROCLOR-1221	ug/kg	6.4 U	5.8 U
SW8082	AROCLOR-1232	ug/kg	6.4 U	5.8 U
SW8082	AROCLOR-1242	ug/kg	6.4 U	5.8 U
SW8082	AROCLOR-1248	ug/kg	8.7	25.2 J
SW8082	AROCLOR-1254	ug/kg	8.5	14.2
SW8082	AROCLOR-1260	ug/kg	6.4 U	5.8 U
SW8082	AROCLOR-1268	ug/kg	78.4	115
SW8082	PCBS, N.O.S.	ug/kg	95.6	154
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	9.4 U	8.5 U
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	9.4 U	8.5 U
SW8260	1,2-DICHLOROBENZENE	ug/kg	9.4 U	8.5 U
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	3.4 J	3.5 J
SW8260	1,3-DICHLOROBENZENE	ug/kg	9.4 U	2 J
SW8260	1,4-DICHLOROBENZENE	ug/kg	9.4 U	8.5 U
SW8260	BENZENE	ug/kg	3.6	0.97 J
SW8260	CHLOROBENZENE	ug/kg	1.3 J	2 J
SW8260	ETHYLBENZENE	ug/kg	1.9 U	1.7 U
SW8260	NAPHTHALENE	ug/kg	9.4 U	8.5 U
SW8260	O-XYLENE	ug/kg	1.2 J	1 J
SW8260	TOLUENE	ug/kg	1.3 J	0.56 J
SW8260	XYLENES, M & P	ug/kg	1.9 J	3 J
SW8260	XYLENES, TOTAL	ug/kg	3.1 J	4
SW8270	ACENAPHTHENE	ug/kg	5.5 U	4.9 U
SW8270	ACENAPHTHYLENE	ug/kg	10.6	4.9 U
SW8270	ANTHRACENE	ug/kg	20.6	6.97
SW8270	BENZO(A)ANTHRACENE	ug/kg	74.7	13.8
SW8270	BENZO(A)PYRENE	ug/kg	55	12.5
SW8270	BENZO(B)FLUORANTHENE	ug/kg	119	19.7
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	58.3	12.5
SW8270	BENZO(K)FLUORANTHENE	ug/kg	27.9	7.85
SW8270	CHRYSENE	ug/kg	44.4	9.61
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	13.2	4.9 U
SW8270	FLUORANTHENE	ug/kg	108	26
SW8270	FLUORENE	ug/kg	14.9	4.9 U
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	54	9.6
SW8270	PHENANTHRENE	ug/kg	113	32.4
SW8270	PHENOL	ug/kg	55 U	49 U
SW8270	PYRENE	ug/kg	108	22.8
SW9045	pH	S.U.	8.4	7.98

TABLE 3
SUMMARY OF VIBRACORE SEDIMENT ANALYTICAL RESULTS

		Location	OL-VC-40223	OL-VC-40223	OL-VC-40223	OL-VC-40223	OL-VC-40223	OL-VC-40224	OL-VC-40224	OL-VC-40224
	Sample Depth		5-6 Ft	6-7 Ft	7-8 Ft	8-9 Ft	9-10 Ft	0-1 Ft	1-2 Ft	
	Field Sample ID		OL-0895-17	OL-0895-18	OL-0895-19	OL-0895-20	OL-0896-01	OL-0891-07	OL-0891-08	
	Sample Date		8/19/2009	8/19/2009	8/19/2009	8/19/2009	8/19/2009	8/18/2009	8/18/2009	
	Sample Delivery Group		JA26005	JA26005	JA26005	JA26005	JA26004	JA25908	JA25908	
	Matrix	SOIL								
	Sample Purpose	Regular sample								
	Sample Type	Sediment								
Method	Parameter Name	Units								
ASTM D4643-00	SOLIDS, PERCENT	%							50.5	47.6
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	7450	7270	6260	7190	12600	95800	27100	J
SM2540G	PERCENT MOISTURE	%								
SM2540G	SOLIDS, PERCENT	%	58	56.6	58.2	58.3	54.8			
SW7471	MERCURY	mg/kg	0.019 UJ	0.019 UJ	0.026 J	0.019 UJ	0.031 J	1.8	0.22	J
SW8082	AROCLOR-1016	ug/kg	5.6 U	5.9 U	5.7 U	5.7 U	6 U	6.6 U	6.9 U	
SW8082	AROCLOR-1221	ug/kg	5.6 U	5.9 U	5.7 U	5.7 U	6 U	6.6 U	6.9 U	
SW8082	AROCLOR-1232	ug/kg	5.6 U	5.9 U	5.7 U	5.7 U	6 U	6.6 U	6.9 U	
SW8082	AROCLOR-1242	ug/kg	5.6 U	5.9 U	5.7 U	5.7 U	6 U	6.6 U	6.9 U	
SW8082	AROCLOR-1248	ug/kg	5.6 U	5.9 U	5.7 U	5.7 U	6 U	6.6 U	6.9 U	
SW8082	AROCLOR-1254	ug/kg	5.6 U	5.9 U	5.7 U	5.7 U	6 U	6.6 U	6.9 U	
SW8082	AROCLOR-1260	ug/kg	5.6 U	5.9 U	5.7 U	5.7 U	6 U	6.6 U	6.9 U	
SW8082	AROCLOR-1268	ug/kg	5.6 U	5.9 U	5.7 U	5.7 U	6 U	6.6 U	6.9 U	
SW8082	PCBS, N.O.S.	ug/kg	5.6 U	5.9 U	5.7 U	5.7 U	6 U	6.6 U	6.9 U	
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	8.1 U	8.7 U	8.1 U	8.1 U	9.7 U	11 U	11 U	
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	8.1 U	8.7 U	8.1 U	8.1 U	9.7 U	11 U	11 U	
SW8260	1,2-DICHLOROBENZENE	ug/kg	8.1 U	8.7 U	8.1 U	8.1 U	9.7 U	11 U	11 U	
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	8.1 U	8.7 U	8.1 U	8.1 U	9.7 UJ	11 U	11 U	
SW8260	1,3-DICHLOROBENZENE	ug/kg	8.1 U	8.7 U	8.1 U	8.1 U	9.7 U	11 U	11 U	
SW8260	1,4-DICHLOROBENZENE	ug/kg	8.1 U	8.7 U	8.1 U	8.1 U	9.7 U	11 U	11 U	
SW8260	BENZENE	ug/kg	1.2 J	1.6 J	1.4 J	1.7	1.9 U	2.3	2.2 J	
SW8260	CHLOROBENZENE	ug/kg	8.1 U	8.7 U	8.1 U	8.1 U	9.7 U	11 U	11 U	
SW8260	ETHYLBENZENE	ug/kg	1.6 U	1.7 U	1.6 U	1.6 U	1.9 U	2.1 U	2.2 UJ	
SW8260	NAPHTHALENE	ug/kg	8.1 U	8.7 U	8.1 U	8.1 U	9.7 U	11 U	11 U	
SW8260	O-XYLENE	ug/kg	1.6 U	1.7 U	1.6 U	1.6 U	1.9 U	2.1 U	2.2 UJ	
SW8260	TOLUENE	ug/kg	1.6 U	1.7 U	1.6 U	1.6 U	1.9 U	2.1 U	2.2 UJ	
SW8260	XYLEMES, M & P	ug/kg	3.3 U	3.5 U	3.2 U	3.2 U	3.9 U	4.2 U	4.5 U	
SW8260	XYLEMES, TOTAL	ug/kg	3.3 U	3.5 U	3.2 U	3.2 U	3.9 U	4.2 U	4.5 U	
SW8270	ACENAPHTHENE	ug/kg	4.9 U	5 UJ	4.9 U	4.8 U	5.2 U	5.6 U	6 U	
SW8270	ACENAPHTHYLENE	ug/kg	4.9 U	5 UJ	4.9 U	4.8 U	5.2 U	5.6 U	6 U	
SW8270	ANTHRACENE	ug/kg	4.9 U	5 UJ	4.9 U	4.8 U	5.2 U	5.6 U	6.03 J	
SW8270	BENZO(A)ANTHRACENE	ug/kg	4.9 U	5 UJ	4.9 U	4.8 U	5.2 U	9.17	10.4 J	
SW8270	BENZO(A)PYRENE	ug/kg	4.9 U	5 UJ	4.9 U	4.8 U	5.2 U	5.6 U	6 U	
SW8270	BENZO(B)FLUORANTHENE	ug/kg	4.9 U	5 UJ	4.9 U	4.8 U	5.2 U	5.6 U	6 U	
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	4.9 U	5 UJ	4.9 U	4.8 U	5.2 U	5.6 U	6 U	
SW8270	BENZO(K)FLUORANTHENE	ug/kg	4.9 U	5 UJ	4.9 U	4.8 U	5.2 U	5.6 U	6 U	
SW8270	CHRYSENE	ug/kg	4.9 U	5 UJ	4.9 U	4.8 U	5.2 U	9.75	12.4 J	
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	4.9 U	5 UJ	4.9 U	4.8 U	5.2 U	5.6 U	6 U	
SW8270	FLUORANTHENE	ug/kg	4.9 U	5 UJ	4.9 U	4.8 U	5.2 U	5.6 U	20 J	
SW8270	FLUORENE	ug/kg	4.9 U	5 UJ	4.9 U	4.8 U	5.2 U	5.6 U	6 U	
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	4.9 U	5 UJ	4.9 U	4.8 U	5.2 U	5.6 U	6 U	
SW8270	PHENANTHRENE	ug/kg	4.9 U	5 UJ	4.9 U	4.8 U	5.2 U	12.9	10.7 J	
SW8270	PHENOL	ug/kg	49 U	50 U	49 U	48 U	52 U	56 U	60 UJ	
SW8270	PYRENE	ug/kg	4.9 U	5 UJ	4.9 U	4.8 U	5.2 U	19.8	18.9 J	
SW9045	pH	S.U.	7.29	7.25	7.16	6.98	7.53	7.65	8.41 J	

TABLE 3
SUMMARY OF VIBRACORE SEDIMENT ANALYTICAL RESULTS

		Location	OL-VC-40224	OL-VC-40224	OL-VC-40225	OL-VC-40225
	Sample Depth	2-3 Ft	3-4 Ft	0-1 Ft	1-2 Ft	
	Field Sample ID	OL-0891-09	OL-0891-10	OL-0856-10	OL-0856-11	
	Sample Date	8/18/2009	8/18/2009	7/31/2009	7/31/2009	
	Sample Delivery Group	JA25908	JA25908	JA24577	JA24577	
	Matrix	SOIL	SOIL	SOIL	SOIL	
	Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	
	Sample Type	Sediment	Sediment	Sediment	Sediment	
Method	Parameter Name	Units				
ASTM D4643-00	SOLIDIS, PERCENT	%	56.3	59		
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	11300	6270	16500 J	54500
SM2540G	PERCENT MOISTURE	%				
SM2540G	SOLIDIS, PERCENT	%			46	61.1
SW7471	MERCURY	mg/kg	0.021 U	0.019 U	41.7 J	3.5
SW8082	AROCLOR-1016	ug/kg	5.8 U	5.6 U	7.2 UJ	5.5 U
SW8082	AROCLOR-1221	ug/kg	5.8 U	5.6 U	7.2 UJ	5.5 U
SW8082	AROCLOR-1232	ug/kg	5.8 U	5.6 U	7.2 UJ	5.5 U
SW8082	AROCLOR-1242	ug/kg	5.8 U	5.6 U	7.2 UJ	5.5 U
SW8082	AROCLOR-1248	ug/kg	5.8 U	5.6 U	55.1 J	26.4
SW8082	AROCLOR-1254	ug/kg	5.8 U	5.6 U	36.7 J	18.4
SW8082	AROCLOR-1260	ug/kg	5.8 U	5.6 U	7.2 UJ	5.5 U
SW8082	AROCLOR-1268	ug/kg	5.8 U	5.6 U	286 J	12.4
SW8082	PCBS, N.O.S.	ug/kg	5.8 U	5.6 U	378 J	57.2
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	9.7 U	9 U	11 UJ	7.7 U
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	9.7 U	9 U	11 UJ	7.7 U
SW8260	1,2-DICHLOROBENZENE	ug/kg	9.7 U	9 U	11 UJ	7.7 U
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	9.7 U	9 U	1.1 J	7.7 U
SW8260	1,3-DICHLOROBENZENE	ug/kg	9.7 U	9 U	3.2 J	7.7 U
SW8260	1,4-DICHLOROBENZENE	ug/kg	9.7 U	9 U	1.4 J	7.7 U
SW8260	BENZENE	ug/kg	1.3 J	1.2 J	1.5 J	1.7
SW8260	CHLOROBENZENE	ug/kg	9.7 U	9 U	0.74 J	7.7 U
SW8260	ETHYLBENZENE	ug/kg	1.9 U	1.8 U	2.2 UJ	1.5 U
SW8260	NAPHTHALENE	ug/kg	9.7 U	9 U	11 UJ	7.7 U
SW8260	O-XYLENE	ug/kg	1.9 U	1.8 U	2.2 UJ	1.5 U
SW8260	TOLUENE	ug/kg	1.9 U	1.8 U	0.82 J	0.48 J
SW8260	XYLEMES, M & P	ug/kg	3.9 U	3.6 U	1 J	3.1 U
SW8260	XYLEMES, TOTAL	ug/kg	3.9 U	3.6 U	1 J	3.1 U
SW8270	ACENAPHTHENE	ug/kg	5.1 U	4.8 U	12 UJ	9.4 U
SW8270	ACENAPHTHYLENE	ug/kg	5.1 U	4.8 U	12 UJ	9.74
SW8270	ANTHRACENE	ug/kg	5.1 U	4.8 U	12 UJ	20.3
SW8270	BENZO(A)ANTHRACENE	ug/kg	5.1 U	4.8 U	10.2 J	51.4
SW8270	BENZO(A)PYRENE	ug/kg	5.1 U	4.8 U	10.7 J	42.6
SW8270	BENZO(B)FLUORANTHENE	ug/kg	5.1 U	4.8 U	17.1 J	71.1
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	5.1 U	4.8 U	6.13 J	31.3
SW8270	BENZO(K)FLUORANTHENE	ug/kg	5.1 U	4.8 U	5.44 J	21.2
SW8270	CHRYSENE	ug/kg	5.1 U	4.8 U	12.6 J	40
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	5.1 U	4.8 U	12 UJ	7.75 J
SW8270	FLUORANTHENE	ug/kg	5.1 U	4.8 U	28.4 J	94.2
SW8270	FLUORENE	ug/kg	5.1 U	4.8 U	12 UJ	7.81 J
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	5.1 U	4.8 U	12 UJ	27.1
SW8270	PHENANTHRENE	ug/kg	5.1 U	4.8 U	16.6 J	74.8
SW8270	PHENOL	ug/kg	51 U	48 U	62 UJ	47 U
SW8270	PYRENE	ug/kg	5.1 U	4.8 U	29.8 J	91.1
SW9045	pH	S.U.	7.55	7.42	7.25 J	7.66

TABLE 3
SUMMARY OF VIBRACORE SEDIMENT ANALYTICAL RESULTS

		Location	OL-VC-40225	OL-VC-40225	OL-VC-40226	OL-VC-40226	OL-VC-40226	OL-VC-40226	OL-VC-40226
	Sample Depth	2-3 Ft	3-3.8 Ft	0-1 Ft	1-2 Ft	2-3 Ft	3-4 Ft	0-1 Ft	
	Field Sample ID	OL-0856-12	OL-0856-13	OL-0856-14	OL-0856-15	OL-0856-16	OL-0856-17	OL-0891-02	
	Sample Date	7/31/2009	7/31/2009	7/31/2009	7/31/2009	7/31/2009	7/31/2009	8/18/2009	
	Sample Delivery Group	JA24577	JA24577	JA24577	JA24577	JA24577	JA24577	JA25908	
	Matrix	SOIL							
	Sample Purpose	Regular sample							
	Sample Type	Sediment							
Method	Parameter Name	Units							
ASTM D4643-00	SOLIDS, PERCENT	%							57
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	11700	8190	84000 J	7900	8380	8580	25800
SM2540G	PERCENT MOISTURE	%							
SM2540G	SOLIDS, PERCENT	%	50.3	63.9	45.1	60	57.3	56.8	
SW7471	MERCURY	mg/kg	0.051 J	0.024 J	19.3 J	0.021 U	0.02 U	0.076	11.3
SW8082	AROCLOR-1016	ug/kg	6.6 U	5.2 U	7.3 UJ	5.5 U	5.8 U	5.8 U	5.7 U
SW8082	AROCLOR-1221	ug/kg	6.6 U	5.2 U	7.3 UJ	5.5 U	5.8 U	5.8 U	5.7 U
SW8082	AROCLOR-1232	ug/kg	6.6 U	5.2 U	7.3 UJ	5.5 U	5.8 U	5.8 U	5.7 U
SW8082	AROCLOR-1242	ug/kg	6.6 U	5.2 U	7.3 UJ	5.5 U	5.8 U	5.8 U	5.7 U
SW8082	AROCLOR-1248	ug/kg	6.6 U	31	7.3 UJ	5.5 U	5.8 U	5.8 U	20.2
SW8082	AROCLOR-1254	ug/kg	6.6 U	17.5	11.6 J	5.5 U	5.8 U	5.8 U	13.6
SW8082	AROCLOR-1260	ug/kg	6.6 U	9.3	7.3 UJ	5.5 U	5.8 U	5.8 U	5.7 U
SW8082	AROCLOR-1268	ug/kg	6.6 U	5.2 U	7.3 UJ	5.5 U	5.8 U	5.8 U	6.5 J
SW8082	PCBS, N.O.S.	ug/kg	6.6 U	58	11.6 J	5.5 U	5.8 U	5.8 U	40.3
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	9.7 U	7.2 U	10 UJ	7.9 U	8.4 U	8.3 U	9.7 U
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	9.7 U	7.2 U	10 UJ	7.9 U	8.4 U	8.3 U	9.7 U
SW8260	1,2-DICHLOROBENZENE	ug/kg	9.7 U	7.2 U	10 UJ	7.9 U	8.4 U	8.3 U	9.7 U
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	9.7 U	7.2 U	10 UJ	7.9 U	8.4 U	8.3 U	9.7 U
SW8260	1,3-DICHLOROBENZENE	ug/kg	9.7 U	7.2 U	10 UJ	7.9 U	8.4 U	8.3 U	9.7 U
SW8260	1,4-DICHLOROBENZENE	ug/kg	9.7 U	7.2 U	10 UJ	7.9 U	8.4 U	8.3 U	9.7 U
SW8260	BENZENE	ug/kg	1.3 J	0.81 J	4.8 J	0.9 J	0.89 J	0.62 J	2
SW8260	CHLOROBENZENE	ug/kg	9.7 U	7.2 U	0.96 J	7.9 U	8.4 U	8.3 U	9.7 U
SW8260	ETHYLBENZENE	ug/kg	1.9 U	1.4 U	2.1 UJ	1.6 U	1.7 U	1.7 U	1.9 U
SW8260	NAPHTHALENE	ug/kg	3.7 J	1.7 J	10 UJ	5.3 J	6 J	5.6 J	9.7 U
SW8260	O-XYLENE	ug/kg	1.9 U	1.4 U	2.1 UJ	1.6 U	1.7 U	1.7 U	1.9 U
SW8260	TOLUENE	ug/kg	0.68 J	0.43 J	2.1 UJ	0.47 J	1.7 U	1.7 U	0.66 J
SW8260	XYLEMES, M & P	ug/kg	0.96 J	2.9 U	4.1 UJ	0.8 J	3.4 U	3.3 U	3.9 U
SW8260	XYLEMES, TOTAL	ug/kg	0.96 J	2.9 U	4.1 UJ	0.8 J	3.4 U	3.3 U	3.9 U
SW8270	ACENAPHTHENE	ug/kg	11 U	8.9 U	13 UJ	9.5 U	10 U	10 U	5 U
SW8270	ACENAPHTHYLENE	ug/kg	11 U	8.9 U	13 UJ	9.5 U	10 U	10 U	5 U
SW8270	ANTHRACENE	ug/kg	11 U	8.9 U	13 UJ	9.5 U	10 U	10 U	5 U
SW8270	BENZO(A)ANTHRACENE	ug/kg	11 U	8.9 U	11.7 J	9.5 U	10 U	10 U	9.33
SW8270	BENZO(A)PYRENE	ug/kg	11 U	8.9 U	11.2 J	9.5 U	10 U	10 U	5 U
SW8270	BENZO(B)FLUORANTHENE	ug/kg	11 U	8.9 U	16.3 J	9.5 U	10 U	10 U	5 U
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	11 U	8.9 U	6.91 J	9.5 U	10 U	10 U	5 U
SW8270	BENZO(K)FLUORANTHENE	ug/kg	11 U	8.9 U	6.35 J	9.5 U	10 U	10 U	5 U
SW8270	CHRYSENE	ug/kg	11 U	8.9 U	9.83 J	9.5 U	10 U	10 U	9.75
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	11 U	8.9 U	13 UJ	9.5 U	10 U	10 U	5 U
SW8270	FLUORANTHENE	ug/kg	11 U	8.9 U	24.9 J	9.5 U	10 U	10 U	18.7
SW8270	FLUORENE	ug/kg	11 U	8.9 U	13 UJ	9.5 U	10 U	10 U	5 U
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	11 U	8.9 U	13 UJ	9.5 U	10 U	10 U	5 U
SW8270	PHENANTHRENE	ug/kg	11 U	8.9 U	18 J	9.5 U	10 U	10 U	12.9
SW8270	PHENOL	ug/kg	57 U	45 U	63 UJ	48 U	50 U	50 U	50 U
SW8270	PYRENE	ug/kg	11 U	8.9 U	24.5 J	9.5 U	10 U	10 U	19.7
SW9045	pH	S.U.	7.39	7.31	7.38 J	7.22	7.11	7.4	7.52

TABLE 3
SUMMARY OF VIBRACORE SEDIMENT ANALYTICAL RESULTS

		Location	OL-VC-40227	OL-VC-40227	OL-VC-40227	OL-VC-40227
	Sample Depth		1-2 Ft	1-2 Ft	2-3 Ft	3-4 Ft
	Field Sample ID		OL-0891-03	OL-0891-04	OL-0891-05	OL-0891-06
	Sample Date		8/18/2009	8/18/2009	8/18/2009	8/18/2009
	Sample Delivery Group		JA25908	JA25908	JA25908	JA25908
	Matrix	SOIL	SOIL	SOIL	SOIL	SOIL
	Sample Purpose	Regular sample	Field duplicate	Regular sample	Regular sample	Regular sample
	Sample Type	Sediment	Sediment	Sediment	Sediment	Sediment
Method	Parameter Name	Units				
ASTM D4643-00	SOLIDs, PERCENT	%	58.3	55.7	60.3	50.9
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	9560	9550	11400	14200
SM2540G	PERCENT MOISTURE	%				
SM2540G	SOLIDs, PERCENT	%				
SW7471	MERCURY	mg/kg	0.097	0.14	0.11	0.021 U
SW8082	AROCLOR-1016	ug/kg	5.6 U	6 U	5.4 U	6.4 U
SW8082	AROCLOR-1221	ug/kg	5.6 U	6 U	5.4 U	6.4 U
SW8082	AROCLOR-1232	ug/kg	5.6 U	6 U	5.4 U	6.4 U
SW8082	AROCLOR-1242	ug/kg	5.6 U	6 U	5.4 U	6.4 U
SW8082	AROCLOR-1248	ug/kg	5.6 U	6 U	5.4 U	6.4 U
SW8082	AROCLOR-1254	ug/kg	5.6 U	6 U	5.4 U	6.4 U
SW8082	AROCLOR-1260	ug/kg	5.6 U	6 U	5.4 U	6.4 U
SW8082	AROCLOR-1268	ug/kg	5.6 U	6 U	5.4 U	6.4 U
SW8082	PCBS, N.O.S.	ug/kg	5.6 U	6 U	5.4 U	6.4 U
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	8.9 U	8.8 U	8.1 U	9.6 U
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	8.9 U	8.8 U	8.1 U	9.6 U
SW8260	1,2-DICHLOROBENZENE	ug/kg	8.9 U	8.8 U	8.1 U	9.6 U
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	8.9 U	8.8 U	8.1 UJ	9.6 U
SW8260	1,3-DICHLOROBENZENE	ug/kg	8.9 U	8.8 U	8.1 U	9.6 U
SW8260	1,4-DICHLOROBENZENE	ug/kg	8.9 U	8.8 U	8.1 U	9.6 U
SW8260	BENZENE	ug/kg	1.3 J	1.7 J	1 J	1.9
SW8260	CHLOROBENZENE	ug/kg	8.9 U	8.8 U	8.1 U	9.6 U
SW8260	ETHYLBENZENE	ug/kg	1.8 U	1.8 U	1.6 U	1.9 U
SW8260	NAPHTHALENE	ug/kg	4.4 J	4.9 J	3.8 J	9.6 U
SW8260	O-XYLENE	ug/kg	1.8 U	1.8 U	1.6 U	1.9 U
SW8260	TOLUENE	ug/kg	0.73 J	0.88 J	0.53 J	0.82 J
SW8260	XYLENES, M & P	ug/kg	3.6 U	3.5 U	3.3 U	3.9 U
SW8260	XYLENES, TOTAL	ug/kg	3.6 U	3.5 U	3.3 U	3.9 U
SW8270	ACENAPHTHENE	ug/kg	4.9 U	5.1 U	4.7 U	5.6 U
SW8270	ACENAPHTHYLENE	ug/kg	4.9 U	5.1 U	4.7 U	5.6 U
SW8270	ANTHRACENE	ug/kg	4.9 U	5.1 U	4.7 U	5.6 U
SW8270	BENZO(A)ANTHRACENE	ug/kg	4.9 U	5.1 U	4.7 U	5.6 U
SW8270	BENZO(A)PYRENE	ug/kg	4.9 U	5.1 U	4.7 U	5.6 U
SW8270	BENZO(B)FLUORANTHENE	ug/kg	4.9 U	5.1 U	4.7 U	5.6 U
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	4.9 U	5.1 U	4.7 U	5.6 U
SW8270	BENZO(K)FLUORANTHENE	ug/kg	4.9 U	5.1 U	4.7 U	5.6 U
SW8270	CHRYSENE	ug/kg	4.9 U	5.1 U	4.7 U	5.6 U
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	4.9 U	5.1 U	4.7 U	5.6 U
SW8270	FLUORANTHENE	ug/kg	4.9 U	5.1 U	4.7 U	5.6 U
SW8270	FLUORENE	ug/kg	4.9 U	5.1 U	4.7 U	5.6 U
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	4.9 U	5.1 U	4.7 U	5.6 U
SW8270	PHENANTHRENE	ug/kg	4.9 U	5.1 U	4.7 U	5.6 U
SW8270	PHENOL	ug/kg	49 U	51 U	47 U	56 U
SW8270	PYRENE	ug/kg	4.9 U	5.1 U	4.7 U	5.6 U
SW9045	pH	S.U.	7.31	7.17	7.4	7.15

TABLE 3
SUMMARY OF VIBRACORE SEDIMENT ANALYTICAL RESULTS

		Location	OL-VC-40228	OL-VC-40228	OL-VC-40228	OL-VC-40228	OL-VC-40229	OL-VC-40229	OL-VC-40229
	Sample Depth	0-1 Ft	1-2 Ft	2-3 Ft	3-4 Ft	0-1 Ft	1-2 Ft	1-2 Ft	1-2 Ft
	Field Sample ID	OL-0875-10	OL-0875-11	OL-0875-12	OL-0875-13	OL-0875-01	OL-0875-02	OL-0875-03	OL-0875-03
	Sample Date	8/10/2009	8/10/2009	8/10/2009	8/10/2009	8/10/2009	8/10/2009	8/10/2009	8/10/2009
	Sample Delivery Group	JA25247							
	Matrix	SOIL							
	Sample Purpose	Regular sample	Field duplicate						
	Sample Type	Sediment							
Method	Parameter Name	Units							
ASTM D4643-00	SOLIDS, PERCENT	%							
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	105000	12300	29700	22600	38600	15400 J	7950 J
SM2540G	PERCENT MOISTURE	%							
SM2540G	SOLIDS, PERCENT	%	51.9	58.1	59.5	64.5	60.6	60.1	64.8
SW7471	MERCURY	mg/kg	1.7	0.029 J	0.019 U	0.017 U	0.19	0.021 J	0.024 J
SW8082	AROCLOR-1016	ug/kg	6.4 U	5.7 U	5.6 U	5.2 U	5.5 U	5.5 U	5.1 U
SW8082	AROCLOR-1221	ug/kg	6.4 U	5.7 U	5.6 U	5.2 U	5.5 U	5.5 U	5.1 U
SW8082	AROCLOR-1232	ug/kg	6.4 U	5.7 U	5.6 U	5.2 U	5.5 U	5.5 U	5.1 U
SW8082	AROCLOR-1242	ug/kg	6.4 U	5.7 U	5.6 U	5.2 U	5.5 U	5.5 U	5.1 U
SW8082	AROCLOR-1248	ug/kg	6.4 U	5.7 U	5.6 U	5.2 U	5.5 U	5.5 U	5.1 U
SW8082	AROCLOR-1254	ug/kg	6.4 U	5.7 U	5.6 U	5.2 U	5.5 U	5.5 U	5.1 U
SW8082	AROCLOR-1260	ug/kg	6.4 U	5.7 U	5.6 U	5.2 U	5.5 U	5.5 U	5.1 U
SW8082	AROCLOR-1268	ug/kg	6.4 U	5.7 U	5.6 U	5.2 U	5.5 U	5.5 U	5.1 U
SW8082	PCBS, N.O.S.	ug/kg	6.4 U	5.7 U	5.6 U	5.2 U	5.5 U	5.5 U	5.1 U
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	9.6 U	8 U	7.5 U	6.8 U	6.9 U	8.3 U	7.3 U
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	9.6 U	8 U	7.5 U	6.8 U	6.9 U	8.3 U	7.3 U
SW8260	1,2-DICHLOROBENZENE	ug/kg	9.6 U	8 U	7.5 U	6.8 U	6.9 U	8.3 U	7.3 U
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	9.6 U	8 U	7.5 U	6.8 U	6.9 U	8.3 U	7.3 U
SW8260	1,3-DICHLOROBENZENE	ug/kg	9.6 U	8 U	7.5 U	6.8 U	6.9 U	8.3 U	7.3 U
SW8260	1,4-DICHLOROBENZENE	ug/kg	9.6 U	8 U	7.5 U	6.8 U	6.9 U	8.3 U	7.3 U
SW8260	BENZENE	ug/kg	1.9 U	1.6 U	1.2 J	1.1 J	0.69 J	1.7 U	1.5 U
SW8260	CHLOROBENZENE	ug/kg	9.6 U	8 U	7.5 U	6.8 U	6.9 U	8.3 U	7.3 U
SW8260	ETHYLBENZENE	ug/kg	1.9 U	1.6 U	1.5 U	1.4 U	1.4 U	1.7 U	1.5 U
SW8260	NAPHTHALENE	ug/kg	9.6 U	7 J	7.6	5.4 J	6.9 U	8.3 U	7.3 U
SW8260	O-XYLENE	ug/kg	1.9 U	1.6 U	1.5 U	1.4 U	1.4 U	1.7 U	1.5 U
SW8260	TOLUENE	ug/kg	1.9 U	1.6 U	1.5 U	1.4 U	1.4 U	1.7 U	1.5 U
SW8260	XYLENES, M & P	ug/kg	3.9 U	3.2 U	3 U	2.7 U	2.8 U	3.3 U	2.9 U
SW8260	XYLENES, TOTAL	ug/kg	3.9 U	3.2 U	3 U	2.7 U	2.8 U	3.3 U	2.9 U
SW8270	ACENAPHTHENE	ug/kg	11.2	4.9 U	4.7 U	4.4 U	4.7 U	4.8 UJ	4.4 U
SW8270	ACENAPHTHYLENE	ug/kg	22.1	4.9 U	4.7 U	4.4 U	4.7 U	4.8 UJ	4.4 U
SW8270	ANTHRACENE	ug/kg	36.8	4.9 U	4.7 U	4.4 U	4.7 U	4.8 UJ	4.4 U
SW8270	BENZO(A)ANTHRACENE	ug/kg	89.4	4.9 U	4.7 U	4.4 U	4.7 U	4.8 UJ	4.4 U
SW8270	BENZO(A)PYRENE	ug/kg	39.3	4.9 U	4.7 U	4.4 U	4.7 U	4.8 UJ	4.4 U
SW8270	BENZO(B)FLUORANTHENE	ug/kg	92	4.9 U	4.7 U	4.4 U	4.7 U	4.8 UJ	4.4 U
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	30.2	4.9 U	4.7 U	4.4 U	4.7 U	4.8 UJ	4.4 U
SW8270	BENZO(K)FLUORANTHENE	ug/kg	18.2	4.9 U	4.7 U	4.4 U	4.7 U	4.8 UJ	4.4 U
SW8270	CHRYSENE	ug/kg	48.6	4.9 U	4.7 U	4.4 U	4.7 U	4.8 UJ	4.4 U
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	9.3	4.9 U	4.7 U	4.4 U	4.7 U	4.8 UJ	4.4 U
SW8270	FLUORANTHENE	ug/kg	203	4.9 U	4.7 U	4.4 U	9.37	4.8 UJ	4.4 U
SW8270	FLUORENE	ug/kg	24.5	4.9 U	4.7 U	4.4 U	4.7 U	4.8 UJ	4.4 U
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	24.8	4.9 U	4.7 U	4.4 U	4.7 U	4.8 UJ	4.4 U
SW8270	PHENANTHRENE	ug/kg	179	4.9 U	4.7 U	4.4 U	4.7 U	4.8 UJ	4.4 U
SW8270	PHENOL	ug/kg	54 U	49 U	170	301	478	48 UJ	262
SW8270	PYRENE	ug/kg	194	4.9 U	4.7 U	4.4 U	11.9	4.8 UJ	4.4 U
SW9045	pH	S.U.	7.19	7.26	6.96	6.99	7.21	7.13	7.25

TABLE 3
SUMMARY OF VIBRACORE SEDIMENT ANALYTICAL RESULTS

		Location	OL-VC-40229	OL-VC-40229	OL-VC-40230	OL-VC-40230
Method	Parameter Name	Units				
ASTM D4643-00	SOLIDIS, PERCENT	%			56.7	58.7
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	19800 J	9770	9890	8980
SM2540G	PERCENT MOISTURE	%				
SM2540G	SOLIDIS, PERCENT	%	60.8	57.9		
SW7471	MERCURY	mg/kg	0.019 U	0.019 U	2	0.077
SW8082	AROCLOR-1016	ug/kg	5.5 U	5.8 U	5.8 U	5.7 U
SW8082	AROCLOR-1221	ug/kg	5.5 U	5.8 U	5.8 U	5.7 U
SW8082	AROCLOR-1232	ug/kg	5.5 U	5.8 U	5.8 U	5.7 U
SW8082	AROCLOR-1242	ug/kg	5.5 U	5.8 U	5.8 U	5.7 U
SW8082	AROCLOR-1248	ug/kg	5.5 U	5.8 U	5.8 U	5.7 U
SW8082	AROCLOR-1254	ug/kg	5.5 U	5.8 U	5.8 U	5.7 U
SW8082	AROCLOR-1260	ug/kg	5.5 U	5.8 U	5.8 U	5.7 U
SW8082	AROCLOR-1268	ug/kg	5.5 U	5.8 U	5.8 U	5.7 U
SW8082	PCBS, N.O.S.	ug/kg	5.5 U	5.8 U	5.8 U	5.7 U
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	8.1 U	7.7 U	8.8 U	9.3 U
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	8.1 U	7.7 U	8.8 U	9.3 U
SW8260	1,2-DICHLOROBENZENE	ug/kg	8.1 U	7.7 U	8.8 U	9.3 U
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	8.1 UJ	7.7 U	8.8 U	9.3 U
SW8260	1,3-DICHLOROBENZENE	ug/kg	8.1 U	7.7 U	8.8 U	9.3 U
SW8260	1,4-DICHLOROBENZENE	ug/kg	8.1 U	7.7 U	8.8 U	9.3 U
SW8260	BENZENE	ug/kg	1.6 U	1.7	0.61 J	1.9 U
SW8260	CHLOROBENZENE	ug/kg	8.1 U	7.7 U	8.8 U	9.3 U
SW8260	ETHYLBENZENE	ug/kg	1.6 U	1.5 U	1.8 U	1.9 U
SW8260	NAPHTHALENE	ug/kg	8.1 U	7.7 U	8.8 U	9.3 U
SW8260	O-XYLENE	ug/kg	1.6 U	1.5 U	1.8 U	1.9 U
SW8260	TOLUENE	ug/kg	1.6 U	0.81 J	1.8	1.2 J
SW8260	XYLEMES, M & P	ug/kg	3.2 U	3.1 U	3.5 U	3.7 U
SW8260	XYLEMES, TOTAL	ug/kg	3.2 U	3.1 U	3.5 U	3.7 U
SW8270	ACENAPHTHENE	ug/kg	4.6 U	4.9 U	5 U	4.8 U
SW8270	ACENAPHTHYLENE	ug/kg	4.6 U	4.9 U	5 U	4.8 U
SW8270	ANTHRACENE	ug/kg	4.6 U	4.9 U	5 U	4.8 U
SW8270	BENZO(A)ANTHRACENE	ug/kg	4.6 U	4.9 U	4.68 J	4.8 U
SW8270	BENZO(A)PYRENE	ug/kg	4.6 U	4.9 U	5 U	4.8 U
SW8270	BENZO(B)FLUORANTHENE	ug/kg	4.6 U	4.9 U	5 U	4.8 U
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	4.6 U	4.9 U	5 U	4.8 U
SW8270	BENZO(K)FLUORANTHENE	ug/kg	4.6 U	4.9 U	5 U	4.8 U
SW8270	CHRYSENE	ug/kg	4.6 U	4.9 U	5.84	4.8 U
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	4.6 U	4.9 U	5 U	4.8 U
SW8270	FLUORANTHENE	ug/kg	4.6 U	4.9 U	8.43	4.8 U
SW8270	FLUORENE	ug/kg	4.6 U	4.9 U	5 U	4.8 U
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	4.6 U	4.9 U	5 U	4.8 U
SW8270	PHENANTHRENE	ug/kg	4.6 U	4.9 U	5 U	4.8 U
SW8270	PHENOL	ug/kg	474 J	679	167	394
SW8270	PYRENE	ug/kg	4.6 U	4.9 U	10.8	4.8 U
SW9045	pH	S.U.	7.1	6.93	7.5	7.2

TABLE 3
SUMMARY OF VIBRACORE SEDIMENT ANALYTICAL RESULTS

		Location	OL-VC-40230	OL-VC-40230	OL-VC-40231	OL-VC-40231	OL-VC-40231	OL-VC-40231	OL-VC-40231
	Sample Depth	2-3 Ft	3-4 Ft	0-1 Ft	1-2 Ft	2-3 Ft	2-3 Ft	3-4 Ft	3-4 Ft
	Field Sample ID	OL-0891-13	OL-0891-14	OL-0854-01	OL-0854-02	OL-0854-03	OL-0854-04	OL-0854-05	OL-0854-05
	Sample Date	8/18/2009	8/18/2009	7/30/2009	7/30/2009	7/30/2009	7/30/2009	7/30/2009	7/30/2009
	Sample Delivery Group	JA25908	JA25908	JA24410	JA24410	JA24410	JA24410	JA24410	JA24410
	Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	Sample Purpose	Regular sample	Field duplicate	Regular sample	Regular sample				
	Sample Type	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment
Method	Parameter Name	Units							
ASTM D4643-00	SOLIDS, PERCENT	%	54.3	59.6	63.4	50.2	59.7	59.4	50.9
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	7090	12900	7840	9150	8190	8550	8840
SM2540G	PERCENT MOISTURE	%							
SM2540G	SOLIDS, PERCENT	%							
SW7471	MERCURY	mg/kg	0.021 U	0.019 U	0.047 J	0.024 U	0.021 U	0.021 U	0.022 U
SW8082	AROCLOR-1016	ug/kg	6 U	5.5 U	5.1 U	6.6 U	5.5 U	5.5 U	6.5 U
SW8082	AROCLOR-1221	ug/kg	6 U	5.5 U	5.1 U	6.6 U	5.5 U	5.5 U	6.5 U
SW8082	AROCLOR-1232	ug/kg	6 U	5.5 U	5.1 U	6.6 U	5.5 U	5.5 U	6.5 U
SW8082	AROCLOR-1242	ug/kg	6 U	5.5 U	5.1 U	6.6 U	5.5 U	5.5 U	6.5 U
SW8082	AROCLOR-1248	ug/kg	6 U	5.5 U	5.1 U	6.6 U	5.5 U	5.5 U	6.5 U
SW8082	AROCLOR-1254	ug/kg	6 U	5.5 U	5.1 U	6.6 U	5.5 U	5.5 U	6.5 U
SW8082	AROCLOR-1260	ug/kg	6 U	5.5 U	5.1 U	6.6 U	5.5 U	5.5 U	6.5 U
SW8082	AROCLOR-1268	ug/kg	6 U	5.5 U	5.1 U	6.6 U	5.5 U	5.5 U	6.5 U
SW8082	PCBS, N.O.S.	ug/kg	6 U	5.5 U	5.1 U	6.6 U	5.5 U	5.5 U	6.5 U
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	10 U	8.9 U	7.6 U	9.6 U	7.9 U	7.7 U	9.4 U
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	10 U	8.9 U	7.6 U	9.6 U	7.9 U	7.7 U	9.4 U
SW8260	1,2-DICHLOROBENZENE	ug/kg	10 U	8.9 U	7.6 U	9.6 U	7.9 U	7.7 U	9.4 U
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	10 U	8.9 U	7.6 U	9.6 U	7.9 U	7.7 U	9.4 U
SW8260	1,3-DICHLOROBENZENE	ug/kg	10 U	8.9 U	7.6 U	9.6 U	7.9 U	7.7 U	9.4 U
SW8260	1,4-DICHLOROBENZENE	ug/kg	10 U	8.9 U	7.6 U	9.6 U	7.9 U	7.7 U	9.4 U
SW8260	BENZENE	ug/kg	2 U	1.8 U	14.5	23.1	19.4	18.6	26.3
SW8260	CHLOROBENZENE	ug/kg	10 U	8.9 U	7.6 U	9.6 U	7.9 U	7.7 U	9.4 U
SW8260	ETHYLBENZENE	ug/kg	2 U	1.8 U	1.5 U	1.9 U	1.6 U	1.5 U	1.9 U
SW8260	NAPHTHALENE	ug/kg	10 U	8.9 U	7.6 U	9.6 U	7.9 U	7.7 U	9.4 U
SW8260	O-XYLENE	ug/kg	2 U	1.8 U	1.5 U	1.9 U	1.6 U	1.5 U	1.9 U
SW8260	TOLUENE	ug/kg	1.1 J	0.85 J	0.88 J	1.1 J	0.87 J	0.85 J	1.3 J
SW8260	XYLENES, M & P	ug/kg	4 U	3.6 U	3 U	3.8 U	3.2 U	3.1 U	3.8 U
SW8260	XYLENES, TOTAL	ug/kg	4 U	3.6 U	3 U	3.8 U	3.2 U	3.1 U	3.8 U
SW8270	ACENAPHTHENE	ug/kg	5.2 U	4.8 U	4.4 U	5.7 U	4.8 U	4.8 U	5.6 U
SW8270	ACENAPHTHYLENE	ug/kg	5.2 U	4.8 U	4.4 U	5.7 U	4.8 U	4.8 U	5.6 U
SW8270	ANTHRACENE	ug/kg	5.2 U	4.8 U	4.4 U	5.7 U	4.8 U	4.8 U	5.6 U
SW8270	BENZO(A)ANTHRACENE	ug/kg	5.2 U	4.8 U	4.4 U	5.7 U	4.8 U	4.8 U	5.6 U
SW8270	BENZO(A)PYRENE	ug/kg	5.2 U	4.8 U	4.4 U	5.7 U	4.8 U	4.8 U	5.6 U
SW8270	BENZO(B)FLUORANTHENE	ug/kg	5.2 U	4.8 U	4.4 U	5.7 U	4.8 U	4.8 U	5.6 U
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	5.2 U	4.8 U	4.4 U	5.7 U	4.8 U	4.8 U	5.6 U
SW8270	BENZO(K)FLUORANTHENE	ug/kg	5.2 U	4.8 U	4.4 U	5.7 U	4.8 U	4.8 U	5.6 U
SW8270	CHRYSENE	ug/kg	5.2 U	4.8 U	4.4 U	5.7 U	4.8 U	4.8 U	5.6 U
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	5.2 U	4.8 U	4.4 U	5.7 U	4.8 U	4.8 U	5.6 U
SW8270	FLUORANTHENE	ug/kg	5.2 U	4.8 U	4.4 U	5.7 U	4.8 U	4.8 U	5.6 U
SW8270	FLUORENE	ug/kg	5.2 U	4.8 U	4.4 U	5.7 U	4.8 U	4.8 U	5.6 U
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	5.2 U	4.8 U	4.4 U	5.7 U	4.8 U	4.8 U	5.6 U
SW8270	PHENANTHRENE	ug/kg	5.2 U	4.8 U	4.4 U	5.7 U	4.8 U	4.8 U	5.6 U
SW8270	PHENOL	ug/kg	387	295	281	634	411	439	565
SW8270	PYRENE	ug/kg	5.2 U	4.8 U	4.4 U	5.7 U	4.8 U	4.8 U	5.6 U
SW9045	pH	S.U.	7.32	7.27	6.79	6.96	6.9	6.71	6.76

TABLE 3
SUMMARY OF VIBRACORE SEDIMENT ANALYTICAL RESULTS

		Location	OL-VC-40232	OL-VC-40232	OL-VC-40232	OL-VC-40232
	Sample Depth		0-1 Ft	1-2 Ft	2-3 Ft	3-4 Ft
	Field Sample ID		OL-0854-06	OL-0854-07	OL-0854-08	OL-0854-09
	Sample Date		7/30/2009	7/30/2009	7/30/2009	7/30/2009
	Sample Delivery Group		JA24410	JA24410	JA24410	JA24410
	Matrix	SOIL	SOIL	SOIL	SOIL	SOIL
	Sample Purpose	Regular sample				
	Sample Type	Sediment	Sediment	Sediment	Sediment	Sediment
Method	Parameter Name	Units				
ASTM D4643-00	SOLIDIS, PERCENT	%	58.1	56.9	61	53.9
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	19100	18600	6740	10300
SM2540G	PERCENT MOISTURE	%				
SM2540G	SOLIDIS, PERCENT	%				
SW7471	MERCURY	mg/kg	0.5	0.022 U	0.02 U	0.024 U
SW8082	AROCLOR-1016	ug/kg	5.6 U	5.7 U	5.5 U	6.1 U
SW8082	AROCLOR-1221	ug/kg	5.6 U	5.7 U	5.5 U	6.1 U
SW8082	AROCLOR-1232	ug/kg	5.6 U	5.7 U	5.5 U	6.1 U
SW8082	AROCLOR-1242	ug/kg	5.6 U	5.7 U	5.5 U	6.1 U
SW8082	AROCLOR-1248	ug/kg	5.6 U	5.7 U	5.5 U	6.1 U
SW8082	AROCLOR-1254	ug/kg	5.6 U	5.7 U	5.5 U	6.1 U
SW8082	AROCLOR-1260	ug/kg	5.6 U	5.7 U	5.5 U	6.1 U
SW8082	AROCLOR-1268	ug/kg	5.6 U	5.7 U	5.5 U	6.1 U
SW8082	PCBS, N.O.S.	ug/kg	5.6 U	5.7 U	5.5 U	6.1 U
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	8.3 U	44 U	7.7 U	23 U
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	8.3 U	44 U	7.7 U	23 U
SW8260	1,2-DICHLOROBENZENE	ug/kg	8.3 U	44 U	7.7 U	23 U
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	8.3 U	44 U	7.7 U	23 U
SW8260	1,3-DICHLOROBENZENE	ug/kg	8.3 U	44 U	7.7 U	23 U
SW8260	1,4-DICHLOROBENZENE	ug/kg	8.3 U	44 U	7.7 U	23 U
SW8260	BENZENE	ug/kg	912	898	630	1060
SW8260	CHLOROBENZENE	ug/kg	8.3 U	44 U	7.7 U	23 U
SW8260	ETHYLBENZENE	ug/kg	1.7 U	8.8 U	1.5 U	4.6 U
SW8260	NAPHTHALENE	ug/kg	8.3 U	44 U	7.7 U	23 U
SW8260	O-XYLENE	ug/kg	1.7 U	8.8 U	1.5 U	4.6 U
SW8260	TOLUENE	ug/kg	1.7 U	8.8 U	1.5 U	4.6 U
SW8260	XYLEMES, M & P	ug/kg	3.3 U	18 U	3.1 U	9.3 U
SW8260	XYLEMES, TOTAL	ug/kg	3.3 U	18 U	3.1 U	9.3 U
SW8270	ACENAPHTHENE	ug/kg	4.9 U	5 U	4.7 U	5.3 U
SW8270	ACENAPHTHYLENE	ug/kg	4.9 U	5 U	4.7 U	5.3 U
SW8270	ANTHRACENE	ug/kg	4.9 U	5 U	4.7 U	5.3 U
SW8270	BENZO(A)ANTHRACENE	ug/kg	4.9 U	5 U	4.7 U	5.3 U
SW8270	BENZO(A)PYRENE	ug/kg	4.9 U	5 U	4.7 U	5.3 U
SW8270	BENZO(B)FLUORANTHENE	ug/kg	4.9 U	5 U	4.7 U	5.3 U
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	4.9 U	5 U	4.7 U	5.3 U
SW8270	BENZO(K)FLUORANTHENE	ug/kg	4.9 U	5 U	4.7 U	5.3 U
SW8270	CHRYSENE	ug/kg	4.9 U	5 U	4.7 U	5.3 U
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	4.9 U	5 U	4.7 U	5.3 U
SW8270	FLUORANTHENE	ug/kg	4.9 U	5 U	4.7 U	5.3 U
SW8270	FLUORENE	ug/kg	4.9 U	5 U	4.7 U	5.3 U
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	4.9 U	5 U	4.7 U	5.3 U
SW8270	PHENANTHRENE	ug/kg	9.3 J	5 U	4.7 U	5.3 U
SW8270	PHENOL	ug/kg	582	332	564	834
SW8270	PYRENE	ug/kg	4.9 U	5 U	4.7 U	5.3 U
SW9045	pH	S.U.	6.86	6.88	6.89	6.69

TABLE 3
SUMMARY OF VIBRACORE SEDIMENT ANALYTICAL RESULTS

		Location	OL-VC-40233	OL-VC-40233	OL-VC-40233	OL-VC-40233	OL-VC-40234	OL-VC-40234	OL-VC-40234
	Sample Depth	0-1 Ft		1-2 Ft	2-3 Ft	3-4 Ft	0-1 Ft	1-2 Ft	1-2 Ft
	Field Sample ID	OL-0875-06		OL-0875-07	OL-0875-08	OL-0875-09	OL-0873-01	OL-0873-02	OL-0873-03
	Sample Date	8/10/2009		8/10/2009	8/10/2009	8/10/2009	8/7/2009	8/7/2009	8/7/2009
	Sample Delivery Group	JA25247		JA25247	JA25247	JA25247	JA25173	JA25173	JA25173
	Matrix	SOIL		SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	Sample Purpose	Regular sample		Regular sample	Field duplicate				
	Sample Type	Sediment		Sediment	Sediment	Sediment	Sediment	Sediment	Sediment
Method	Parameter Name	Units							
ASTM D4643-00	SOLIDS, PERCENT	%							
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	8190	13300	24000	11600	19900 J	12600	9090
SM2540G	PERCENT MOISTURE	%							
SM2540G	SOLIDS, PERCENT	%	65.8	59.6	63.4	58.7	47.9	52.7	55.1
SW7471	MERCURY	mg/kg	0.086	0.019 U	0.017 U	0.018 U	3.1 J	2.7 J	4 J
SW8082	AROCLOR-1016	ug/kg	5.1 U	5.6 U	5.3 U	5.7 U	7 UJ	6.2 U	6 U
SW8082	AROCLOR-1221	ug/kg	5.1 U	5.6 U	5.3 U	5.7 U	7 UJ	6.2 U	6 U
SW8082	AROCLOR-1232	ug/kg	5.1 U	5.6 U	5.3 U	5.7 U	7 UJ	6.2 U	6 U
SW8082	AROCLOR-1242	ug/kg	5.1 U	5.6 U	5.3 U	5.7 U	7 UJ	6.2 U	6 U
SW8082	AROCLOR-1248	ug/kg	5.1 U	5.6 U	5.3 U	5.7 U	7 UJ	6.2 U	6 U
SW8082	AROCLOR-1254	ug/kg	5.1 U	5.6 U	5.3 U	5.7 U	7 UJ	17.5 J	6 UJ
SW8082	AROCLOR-1260	ug/kg	5.1 U	5.6 U	5.3 U	5.7 U	7 UJ	6.2 U	6 U
SW8082	AROCLOR-1268	ug/kg	5.1 U	5.6 U	5.3 U	5.7 U	19.5 J	6.2 U	6 U
SW8082	PCBS, N.O.S.	ug/kg	5.1 U	5.6 U	5.3 U	5.7 U	19.5 J	17.5 J	6 UJ
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	7.6 U	9.1 U	8 U	8.7 U	11 UJ	8.6 U	8.1 U
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	7.6 U	9.1 U	8 U	8.7 U	11 UJ	8.6 U	8.1 U
SW8260	1,2-DICHLOROBENZENE	ug/kg	7.6 U	9.1 U	8 U	8.7 U	11 UJ	8.6 U	8.1 U
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	7.6 U	9.1 U	8 U	8.7 U	11 UJ	8.6 U	8.1 U
SW8260	1,3-DICHLOROBENZENE	ug/kg	7.6 U	9.1 U	8 U	8.7 U	11 UJ	1.1 J	1.1 J
SW8260	1,4-DICHLOROBENZENE	ug/kg	7.6 U	9.1 U	8 U	8.7 U	0.75 J	8.6 U	8.1 U
SW8260	BENZENE	ug/kg	121	58.7	108	63.2	2.2 UJ	1.7 U	1.6 U
SW8260	CHLOROBENZENE	ug/kg	7.6 U	9.1 U	8 U	8.7 U	11 UJ	1 J	1 J
SW8260	ETHYLBENZENE	ug/kg	1.5 U	1.8 U	1.6 U	1.7 U	2.2 UJ	1.7 U	1.6 U
SW8260	NAPHTHALENE	ug/kg	7.6 U	9.1 U	8 U	8.7 U	11 UJ	8.6 U	8.1 U
SW8260	O-XYLENE	ug/kg	1.5 U	1.8 U	1.6 U	1.7 U	2.2 UJ	1.7 U	1.6 U
SW8260	TOLUENE	ug/kg	1.5 U	1.8 U	0.49 J	1.7 U	2.2 UJ	1.7 U	1.6 U
SW8260	XYLENES, M & P	ug/kg	3 U	3.6 U	3.2 U	3.5 U	4.3 UJ	3.5 U	3.2 U
SW8260	XYLENES, TOTAL	ug/kg	3 U	3.6 U	3.2 U	3.5 U	4.3 UJ	3.5 U	3.2 U
SW8270	ACENAPHTHENE	ug/kg	4.3 U	4.8 U	4.5 U	4.8 U	6.4 UJ	5.4 U	5.1 U
SW8270	ACENAPHTHYLENE	ug/kg	4.3 U	4.8 U	4.5 U	4.8 U	6.4 UJ	15.6	9.51
SW8270	ANTHRACENE	ug/kg	4.3 U	4.8 U	4.5 U	4.8 U	14.7 J	26.1	16.6
SW8270	BENZO(A)ANTHRACENE	ug/kg	6.66	4.8 U	4.5 U	4.8 U	89 J	81.2 J	44.5 J
SW8270	BENZO(A)PYRENE	ug/kg	4.3 U	4.8 U	4.5 U	4.8 U	70 J	66.7	43.4
SW8270	BENZO(B)FLUORANTHENE	ug/kg	4.3 U	4.8 U	4.5 U	4.8 U	153 J	140	94.4
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	4.3 U	4.8 U	4.5 U	4.8 U	63.3 J	43.8	27.5
SW8270	BENZO(K)FLUORANTHENE	ug/kg	4.3 U	4.8 U	4.5 U	4.8 U	37.3 J	34.3 J	18.3 J
SW8270	CHRYSENE	ug/kg	5.1	4.8 U	4.5 U	4.8 U	61 J	66.7	54.1
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	4.3 U	4.8 U	4.5 U	4.8 U	14.1 J	14.3	8.84
SW8270	FLUORANTHENE	ug/kg	12.6	4.8 U	4.5 U	4.8 U	161 J	150	102
SW8270	FLUORENE	ug/kg	4.3 U	4.8 U	4.5 U	4.8 U	6.4 UJ	6.6 J	5.1 UJ
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	4.3 U	4.8 U	4.5 U	4.8 U	53 J	47.5	29.2
SW8270	PHENANTHRENE	ug/kg	4.3 U	4.8 U	4.5 U	4.8 U	69.1 J	53.2	33.1
SW8270	PHENOL	ug/kg	264	349	258	469	64 UJ	54 U	51 U
SW8270	PYRENE	ug/kg	13.4	4.8 U	4.5 U	4.8 U	144 J	136	89.5
SW9045	pH	S.U.	7.12	6.95	7.02	6.97	7.44 J	7.51	7.34

TABLE 3
SUMMARY OF VIBRACORE SEDIMENT ANALYTICAL RESULTS

		Location	OL-VC-40234	OL-VC-40234	OL-VC-40235	OL-VC-40235
	Sample Depth	2-3 Ft	3-4 Ft	0-1 Ft	1-2 Ft	
	Field Sample ID	OL-0873-04	OL-0873-05	OL-0873-06	OL-0873-07	
	Sample Date	8/7/2009	8/7/2009	8/7/2009	8/7/2009	
	Sample Delivery Group	JA25173	JA25173	JA25173	JA25173	
	Matrix	SOIL	SOIL	SOIL	SOIL	
	Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	
	Sample Type	Sediment	Sediment	Sediment	Sediment	
Method	Parameter Name	Units				
ASTM D4643-00	SOLIDS, PERCENT	%				
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	13200	19600	29200 J	14100
SM2540G	PERCENT MOISTURE	%				
SM2540G	SOLIDS, PERCENT	%	59.4	63.2	38.4	55.3
SW7471	MERCURY	mg/kg	1.8 J	10.8 J	1.1 J	2 J
SW8082	AROCLOR-1016	ug/kg	5.5 U	5.2 U	8.6 UJ	6 U
SW8082	AROCLOR-1221	ug/kg	5.5 U	5.2 U	8.6 UJ	6 U
SW8082	AROCLOR-1232	ug/kg	5.5 U	5.2 U	8.6 UJ	6 U
SW8082	AROCLOR-1242	ug/kg	5.5 U	5.2 U	8.6 UJ	6 U
SW8082	AROCLOR-1248	ug/kg	5.5 U	131	8.6 UJ	6 U
SW8082	AROCLOR-1254	ug/kg	15.8	47.7 J	8.6 UJ	6 U
SW8082	AROCLOR-1260	ug/kg	7.9	5.2 U	8.6 UJ	6 U
SW8082	AROCLOR-1268	ug/kg	5.5 U	79.6	8.6 UJ	6 U
SW8082	PCBS, N.O.S.	ug/kg	23.7	258	8.6 UJ	6 U
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	8.4 U	7.5 U	13 UJ	8.4 U
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	8.4 U	7.5 U	13 UJ	8.4 U
SW8260	1,2-DICHLOROBENZENE	ug/kg	8.4 U	7.5 U	13 UJ	8.4 U
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	8.4 U	7.5 U	13 UJ	8.4 UJ
SW8260	1,3-DICHLOROBENZENE	ug/kg	6.5 J	0.91 J	13 UJ	8.4 U
SW8260	1,4-DICHLOROBENZENE	ug/kg	1.4 J	0.76 J	13 UJ	0.61 J
SW8260	BENZENE	ug/kg	3.9	4.2	2.6 UJ	1.7 U
SW8260	CHLOROBENZENE	ug/kg	2 J	0.92 J	13 UJ	0.89 J
SW8260	ETHYLBENZENE	ug/kg	1.7 U	1.5 U	2.6 UJ	1.7 U
SW8260	NAPHTHALENE	ug/kg	8.4 U	7.5 U	13 UJ	8.4 U
SW8260	O-XYLENE	ug/kg	1.7 U	1.5 U	2.6 UJ	1.7 U
SW8260	TOLUENE	ug/kg	1.7 U	1.5 U	2.6 UJ	1.7 U
SW8260	XYLEMES, M & P	ug/kg	0.9 J	0.8 J	5.2 UJ	3.3 U
SW8260	XYLEMES, TOTAL	ug/kg	0.9 J	0.8 J	5.2 UJ	3.3 U
SW8270	ACENAPHTHENE	ug/kg	5.59	5.59	7.28 J	5.2 U
SW8270	ACENAPHTHYLENE	ug/kg	15.3	17.5	26.5 UJ	5.2 U
SW8270	ANTHRACENE	ug/kg	24.2	32.3	47.6 J	5.2 U
SW8270	BENZO(A)ANTHRACENE	ug/kg	64.8	72.5	201 J	5.2 U
SW8270	BENZO(A)PYRENE	ug/kg	55.7	46.9	180 J	5.2 U
SW8270	BENZO(B)FLUORANTHENE	ug/kg	107	85.6	357 J	5.2 U
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	27.9	22.7	108 J	5.2 U
SW8270	BENZO(K)FLUORANTHENE	ug/kg	41.9	29.8	137 J	5.2 U
SW8270	CHRYSENE	ug/kg	59.6	55.1	225 J	5.2 U
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	10.2	8.76	36.8 J	5.2 U
SW8270	FLUORANTHENE	ug/kg	140	138	406 J	5.2 U
SW8270	FLUORENE	ug/kg	8.5	12.7	11.3 J	5.2 U
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	32.9	25.8	121 J	5.2 U
SW8270	PHENANTHRENE	ug/kg	58.4	65	131 J	5.2 U
SW8270	PHENOL	ug/kg	48 U	45 U	74 UJ	52 U
SW8270	PYRENE	ug/kg	129	156	351 J	5.2 U
SW9045	pH	S.U.	7.52	7.7	7.2 J	7.55

TABLE 3
SUMMARY OF VIBRACORE SEDIMENT ANALYTICAL RESULTS

		Location	OL-VC-40235	OL-VC-40235	OL-VC-40236	OL-VC-40236	OL-VC-40236	OL-VC-40236	OL-VC-40236	OL-VC-40237
		Sample Depth	2-3 Ft	3-4 Ft	0-1 Ft	1-2 Ft	2-3 Ft	3-4 Ft	0-1 Ft	
		Field Sample ID	OL-0873-08	OL-0873-09	OL-0875-18	OL-0875-19	OL-0875-20	OL-0875-21	OL-0875-14	
		Sample Date	8/7/2009	8/7/2009	8/10/2009	8/10/2009	8/10/2009	8/10/2009	8/10/2009	
		Sample Delivery Group	JA25173	JA25173	JA25247	JA25247	JA25247	JA25247	JA25247	
		Matrix	SOIL							
		Sample Purpose	Regular sample							
		Sample Type	Sediment							
Method	Parameter Name	Units								
ASTM D4643-00	SOLIDS, PERCENT	%								
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	9580	15200	27600	29900	38000	31300	56800	J
SM2540G	PERCENT MOISTURE	%								
SM2540G	SOLIDS, PERCENT	%	58	57	63.5	62.4	56.1	53	44.1	
SW7471	MERCURY	mg/kg	1.3 J	3.3 J	0.084	0.018 U	0.02 U	0.02 U	0.025 UJ	
SW8082	AROCLOR-1016	ug/kg	5.7 U	5.8 U	5.2 U	5.3 U	5.9 U	6.2 U	7.6 UJ	
SW8082	AROCLOR-1221	ug/kg	5.7 U	5.8 U	5.2 U	5.3 U	5.9 U	6.2 U	7.6 UJ	
SW8082	AROCLOR-1232	ug/kg	5.7 U	5.8 U	5.2 U	5.3 U	5.9 U	6.2 U	7.6 UJ	
SW8082	AROCLOR-1242	ug/kg	5.7 U	5.8 U	5.2 U	5.3 U	5.9 U	6.2 U	7.6 UJ	
SW8082	AROCLOR-1248	ug/kg	28.9	81.8	5.2 U	5.3 U	5.9 U	33.6	7.6 UJ	
SW8082	AROCLOR-1254	ug/kg	13.4	30.1	5.2 U	5.3 U	5.9 U	6.2 U	7.6 UJ	
SW8082	AROCLOR-1260	ug/kg	5.7 U	18.4	5.2 U	5.3 U	5.9 U	6.2 U	7.6 UJ	
SW8082	AROCLOR-1268	ug/kg	5.7 U	5.8 U	5.2 U	5.3 U	5.9 U	6.2 U	7.6 UJ	
SW8082	PCBS, N.O.S.	ug/kg	42.3	130	5.2 U	5.3 U	5.9 U	33.6	7.6 UJ	
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	9.2 U	8.6 U	8 U	7.7 U	8.3 U	9.4 U	9.8 UJ	
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	9.2 U	8.6 U	8 U	7.7 U	8.3 U	9.4 U	9.8 UJ	
SW8260	1,2-DICHLOROBENZENE	ug/kg	9.2 U	0.49 J	8 U	7.7 U	8.3 U	9.4 U	9.8 UJ	
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	9.2 U	8.6 U	8 U	7.7 U	8.3 U	9.4 U	9.8 UJ	
SW8260	1,3-DICHLOROBENZENE	ug/kg	6.7 J	5.9 J	8 U	7.7 U	8.3 U	9.4 U	9.8 UJ	
SW8260	1,4-DICHLOROBENZENE	ug/kg	1.4 J	2.1 J	8 U	7.7 U	8.3 U	9.4 U	9.8 UJ	
SW8260	BENZENE	ug/kg	1.8 U	1.7 U	1.6 U	1.5 U	1.7 U	1.9 U	2 UJ	
SW8260	CHLOROBENZENE	ug/kg	4.5 J	4.6 J	8 U	7.7 U	8.3 U	9.4 U	9.8 UJ	
SW8260	ETHYLBENZENE	ug/kg	1.8 U	1.7 U	1.6 U	1.5 U	1.7 U	1.9 U	2 UJ	
SW8260	NAPHTHALENE	ug/kg	9.2 U	8.6 U	8 U	7.7 U	8.3 U	9.4 U	9.8 UJ	
SW8260	O-XYLENE	ug/kg	1.8 U	1.7 U	1.6 U	1.5 U	1.7 U	1.9 U	2 UJ	
SW8260	TOLUENE	ug/kg	1.8 U	1.7 U	1.6 U	1.5 U	1.7 U	1.9 U	2 UJ	
SW8260	XYLENES, M & P	ug/kg	1.1 J	1.8 J	3.2 U	3.1 U	3.3 U	3.8 U	3.9 UJ	
SW8260	XYLENES, TOTAL	ug/kg	1.1 J	1.8 J	3.2 U	3.1 U	3.3 U	3.8 U	3.9 UJ	
SW8270	ACENAPHTHENE	ug/kg	4.9 U	8.41	4.5 U	4.5 U	5 U	5.55	6.4 UJ	
SW8270	ACENAPHTHYLENE	ug/kg	11.2	21.5	4.5 U	4.5 U	5 U	19	6.4 UJ	
SW8270	ANTHRACENE	ug/kg	16.9	35.1	4.5 U	4.5 U	5 U	35.6	6.4 UJ	
SW8270	BENZO(A)ANTHRACENE	ug/kg	47.6	104	4.5 U	4.5 U	5 U	108	6.4 UJ	
SW8270	BENZO(A)PYRENE	ug/kg	39.8	86.7 J	4.5 U	4.5 U	5 U	92.1	6.4 UJ	
SW8270	BENZO(B)FLUORANTHENE	ug/kg	80.4	171	4.5 U	4.5 U	5 U	181	6.4 UJ	
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	21.5	36.3	4.5 U	4.5 U	5 U	44.9	6.4 UJ	
SW8270	BENZO(K)FLUORANTHENE	ug/kg	30.8	66.6 J	4.5 U	4.5 U	5 U	58.9	6.4 UJ	
SW8270	CHRYSENE	ug/kg	43	87.9 J	4.5 U	4.5 U	5 U	90.2	6.4 UJ	
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	7.32	14.7	4.5 U	4.5 U	5 U	16.5	6.4 UJ	
SW8270	FLUORANTHENE	ug/kg	99.6	217	9.91	4.5 U	5 U	205	6.4 UJ	
SW8270	FLUORENE	ug/kg	5.86	11.9	4.5 U	4.5 U	5 U	7.69	6.4 UJ	
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	23.8	45.9	4.5 U	4.5 U	5 U	51.1	6.4 UJ	
SW8270	PHENANTHRENE	ug/kg	35.1	85.9	4.5 U	4.5 U	5 U	70.9	6.4 UJ	
SW8270	PHENOL	ug/kg	49 U	49 U	45 U	45 U	50 U	54 U	64 UJ	
SW8270	PYRENE	ug/kg	90.5	202	8.23	4.5 U	5 U	181	6.4 UJ	
SW9045	pH	S.U.	7.51	7.44	7.4	7.43	7.41	7.22	7.51 J	

TABLE 3
SUMMARY OF VIBRACORE SEDIMENT ANALYTICAL RESULTS

		Location	OL-VC-40237	OL-VC-40237	OL-VC-40237	OL-VC-40251
	Sample Depth		1-2 Ft	2-3 Ft	3-4 Ft	0-1 Ft
	Field Sample ID		OL-0875-15	OL-0875-16	OL-0875-17	OL-0872-03
	Sample Date		8/10/2009	8/10/2009	8/10/2009	8/6/2009
	Sample Delivery Group		JA25247	JA25247	JA25247	JA25060
	Matrix	SOIL	SOIL	SOIL	SOIL	SOIL
	Sample Purpose	Regular sample				
	Sample Type	Sediment	Sediment	Sediment	Sediment	Sediment
Method	Parameter Name	Units				
ASTM D4643-00	SOLIDS, PERCENT	%				
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	56800 J	60500 J	69000 J	11100
SM2540G	PERCENT MOISTURE	%				
SM2540G	SOLIDS, PERCENT	%	44.5	47	45.2	53.6
SW7471	MERCURY	mg/kg	0.025 UJ	0.058 J	0.025 UJ	75.2
SW8082	AROCLOR-1016	ug/kg	7.5 UJ	7.1 UJ	7.4 UJ	6.1 U
SW8082	AROCLOR-1221	ug/kg	7.5 UJ	7.1 UJ	7.4 UJ	6.1 U
SW8082	AROCLOR-1232	ug/kg	7.5 UJ	7.1 UJ	7.4 UJ	6.1 U
SW8082	AROCLOR-1242	ug/kg	7.5 UJ	7.1 UJ	7.4 UJ	6.1 U
SW8082	AROCLOR-1248	ug/kg	7.5 UJ	7.1 UJ	7.4 UJ	50.3
SW8082	AROCLOR-1254	ug/kg	7.5 UJ	7.1 UJ	7.4 UJ	22.9
SW8082	AROCLOR-1260	ug/kg	7.5 UJ	7.1 UJ	7.4 UJ	6.1 U
SW8082	AROCLOR-1268	ug/kg	7.5 UJ	7.1 UJ	7.4 UJ	14.5
SW8082	PCBS, N.O.S.	ug/kg	7.5 UJ	7.1 UJ	7.4 UJ	87.7
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	11 UJ	10 UJ	11 UJ	9.3 U
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	11 UJ	10 UJ	11 UJ	9.3 U
SW8260	1,2-DICHLOROBENZENE	ug/kg	11 UJ	10 UJ	11 UJ	1.2 J
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	11 UJ	10 UJ	11 UJ	3 J
SW8260	1,3-DICHLOROBENZENE	ug/kg	11 UJ	10 UJ	11 UJ	20.5
SW8260	1,4-DICHLOROBENZENE	ug/kg	11 UJ	10 UJ	11 UJ	2.9 J
SW8260	BENZENE	ug/kg	2.1 UJ	2.1 UJ	2.2 UJ	1.9
SW8260	CHLOROBENZENE	ug/kg	11 UJ	10 UJ	11 UJ	3.4 J
SW8260	ETHYLBENZENE	ug/kg	2.1 UJ	2.1 UJ	2.2 UJ	3
SW8260	NAPHTHALENE	ug/kg	11 UJ	10 UJ	11 UJ	9.3 U
SW8260	O-XYLENE	ug/kg	2.1 UJ	2.1 UJ	2.2 UJ	3.8
SW8260	TOLUENE	ug/kg	2.1 UJ	2.1 UJ	2.2 UJ	1.4 J
SW8260	XYLEMES, M & P	ug/kg	4.2 UJ	4.2 UJ	4.4 UJ	13.4
SW8260	XYLEMES, TOTAL	ug/kg	4.2 UJ	4.2 UJ	4.4 UJ	17.2
SW8270	ACENAPHTHENE	ug/kg	6.4 UJ	6 UJ	6.3 UJ	5.3 U
SW8270	ACENAPHTHYLENE	ug/kg	6.4 UJ	6 UJ	6.3 UJ	7
SW8270	ANTHRACENE	ug/kg	6.4 UJ	6 UJ	6.3 UJ	28
SW8270	BENZO(A)ANTHRACENE	ug/kg	6.4 UJ	6 UJ	6.3 UJ	61
SW8270	BENZO(A)PYRENE	ug/kg	6.4 UJ	6 UJ	6.3 UJ	37.9
SW8270	BENZO(B)FLUORANTHENE	ug/kg	6.4 UJ	6 UJ	6.3 UJ	81.5
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	6.4 UJ	6 UJ	6.3 UJ	36.5
SW8270	BENZO(K)FLUORANTHENE	ug/kg	6.4 UJ	6 UJ	6.3 UJ	30.1
SW8270	CHRYSENE	ug/kg	6.4 UJ	6 UJ	6.3 UJ	49.9
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	6.4 UJ	6 UJ	6.3 UJ	11.8
SW8270	FLUORANTHENE	ug/kg	6.4 UJ	6 UJ	6.3 UJ	129
SW8270	FLUORENE	ug/kg	6.4 UJ	6 UJ	6.3 UJ	21.1
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	6.4 UJ	6 UJ	6.3 UJ	30.9
SW8270	PHENANTHRENE	ug/kg	6.4 UJ	6 UJ	6.3 UJ	74.6
SW8270	PHENOL	ug/kg	64 UJ	60 UJ	63 UJ	53 U
SW8270	PYRENE	ug/kg	6.4 UJ	6 UJ	6.3 UJ	186
SW9045	pH	S.U.	7.25 J	7.13 J	7.07 J	8.18

TABLE 3
SUMMARY OF VIBRACORE SEDIMENT ANALYTICAL RESULTS

		Location	OL-VC-40251	OL-VC-40251	OL-VC-40251	OL-VC-40251	OL-VC-40251	OL-VC-40251	OL-VC-40251	OL-VC-40251	
		Sample Depth	1-2 Ft	1-2 Ft	2-3 Ft	3-4 Ft	4-5 Ft	5-6 Ft	6-7 Ft		
		Field Sample ID	OL-0872-04	OL-0872-05	OL-0872-06	OL-0872-07	OL-0872-08	OL-0872-09	OL-0872-10		
		Sample Date	8/6/2009	8/6/2009	8/6/2009	8/6/2009	8/6/2009	8/6/2009	8/6/2009	8/6/2009	
		Sample Delivery Group	JA25060	JA25060	JA25060	JA25060	JA25060	JA25060	JA25060	JA25060	
		Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	
		Sample Purpose	Regular sample	Field duplicate	Regular sample						
		Sample Type	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	
Method	Parameter Name	Units									
ASTM D4643-00	SOLIDS, PERCENT	%									
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	12500	12800	10200 J	11600 J	43100 J	9780 J	9680 J		
SM2540G	PERCENT MOISTURE	%									
SM2540G	SOLIDS, PERCENT	%	52.7	54	49.5	49.2	49.7	48.9	49.7		
SW7471	MERCURY	mg/kg	70.7	69.1	33.4 J	20 J	2.5 J	0.22 J	0.036 J		
SW8082	AROCLOR-1016	ug/kg	6.2 U	6.1 U	6.7 UJ	6.6 UJ	5.9 UJ	6.7 UJ	6.6 UJ		
SW8082	AROCLOR-1221	ug/kg	6.2 U	6.1 U	6.7 UJ	6.6 UJ	5.9 UJ	6.7 UJ	6.6 UJ		
SW8082	AROCLOR-1232	ug/kg	6.2 U	6.1 U	6.7 UJ	6.6 UJ	5.9 UJ	6.7 UJ	6.6 UJ		
SW8082	AROCLOR-1242	ug/kg	6.2 U	6.1 U	6.7 UJ	6.6 UJ	5.9 UJ	6.7 UJ	6.6 UJ		
SW8082	AROCLOR-1248	ug/kg	72.6	60.4	47.1 J	14.7 J	5.9 UJ	6.7 UJ	6.6 UJ		
SW8082	AROCLOR-1254	ug/kg	30.9	25.3	18.5 J	13.9 J	7.2 J	6.7 UJ	6.6 UJ		
SW8082	AROCLOR-1260	ug/kg	6.2 U	6.1 U	6.7 UJ	6.6 UJ	5.9 UJ	6.7 UJ	6.6 UJ		
SW8082	AROCLOR-1268	ug/kg	112 J	55.2 J	6.7 UJ	6.6 UJ	5.9 UJ	6.7 UJ	6.6 UJ		
SW8082	PCBS, N.O.S.	ug/kg	216	141	65.6 J	28.6 J	7.2 J	6.7 UJ	6.6 UJ		
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	11 U	9.9 U	11 UJ	11 UJ	11 UJ	10 UJ	9.7 UJ		
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	11 U	9.9 U	11 UJ	11 UJ	11 UJ	10 UJ	9.7 UJ		
SW8260	1,2-DICHLOROBENZENE	ug/kg	1.2 J	1.1 J	1 J	11 UJ	11 UJ	10 UJ	9.7 UJ		
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	2.6 J	2.6 J	2.4 J	11 UJ	11 UJ	10 UJ	9.7 UJ		
SW8260	1,3-DICHLOROBENZENE	ug/kg	26.7	21.3	12.3 J	11 UJ	11 UJ	10 UJ	9.7 UJ		
SW8260	1,4-DICHLOROBENZENE	ug/kg	3.6 J	3.2 J	2.7 J	11 UJ	11 UJ	10 UJ	9.7 UJ		
SW8260	BENZENE	ug/kg	2.7 J	1.1 J	1.8 J	2.1 UJ	2.2 UJ	1.3 J	1.9 UJ		
SW8260	CHLOROBENZENE	ug/kg	10.2 J	8.2 J	4.4 J	1 J	11 UJ	10 UJ	9.7 UJ		
SW8260	ETHYLBENZENE	ug/kg	5.3	4.5	4.5 J	0.8 J	2.2 UJ	2.1 UJ	1.9 UJ		
SW8260	NAPHTHALENE	ug/kg	1.7 J	9.9 U	11 UJ	11 UJ	11 UJ	10 UJ	9.7 UJ		
SW8260	O-XYLENE	ug/kg	3.1	2.9	3.4 J	1.9 J	2.2 UJ	2.1 UJ	1.9 UJ		
SW8260	TOLUENE	ug/kg	0.74 J	2 U	2.2 UJ	2.1 UJ	2.2 UJ	2.1 UJ	1.9 UJ		
SW8260	XYLEMES, M & P	ug/kg	1.7 J	1.7 J	1.8 J	4.2 UJ	4.4 UJ	4.2 UJ	3.9 UJ		
SW8260	XYLEMES, TOTAL	ug/kg	4.8	4.6	5.2 J	1.9 J	4.4 UJ	4.2 UJ	3.9 UJ		
SW8270	ACENAPHTHENE	ug/kg	15.5 J	7.35 J	10.2 J	5.8 UJ	5.7 UJ	5.8 UJ	5.7 UJ		
SW8270	ACENAPHTHYLENE	ug/kg	17.8	11.1	15.3 J	11 J	5.7 UJ	5.8 UJ	5.7 UJ		
SW8270	ANTHRACENE	ug/kg	68	43.3	109 J	22.7 J	5.7 UJ	5.8 UJ	5.7 UJ		
SW8270	BENZO(A)ANTHRACENE	ug/kg	91.4	59.8	57.2 J	40.6 J	27.1 J	5.8 UJ	5.7 UJ		
SW8270	BENZO(A)PYRENE	ug/kg	65.3 J	35.4 J	34.3 J	22.2 J	15.6 J	5.8 UJ	5.7 UJ		
SW8270	BENZO(B)FLUORANTHENE	ug/kg	125 J	65.8 J	60.4 J	40.4 J	25.6 J	5.8 UJ	5.7 UJ		
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	57.4 J	29.1 J	28.9 J	20.3 J	10.3 J	5.8 UJ	5.7 UJ		
SW8270	BENZO(K)FLUORANTHENE	ug/kg	40.1	27.5	25.1 J	18.4 J	11 J	5.8 UJ	5.7 UJ		
SW8270	CHRYSENE	ug/kg	78.5 J	45.3 J	50.5 J	30.1 J	15.7 J	5.8 UJ	5.7 UJ		
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	12.6	8.28	5.8 UJ	5.8 UJ	5.7 UJ	5.8 UJ	5.7 UJ		
SW8270	FLUORANTHENE	ug/kg	229 J	134 J	144 J	76.6 J	42.8 J	5.8 UJ	5.7 UJ		
SW8270	FLUORENE	ug/kg	34.6	26.9	14.2 J	9.24 J	5.7 UJ	5.8 UJ	5.7 UJ		
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	46.8 J	23.1 J	22.2 J	15.3 J	8.29 J	5.8 UJ	5.7 UJ		
SW8270	PHENANTHRENE	ug/kg	226 J	133 J	140 J	59.5 J	35.2 J	5.8 UJ	5.7 UJ		
SW8270	PHENOL	ug/kg	54 U	53 U	58 UJ	58 UJ	57 UJ	58 UJ	57 UJ		
SW8270	PYRENE	ug/kg	216	141	136 J	80.2 J	41 J	5.8 UJ	5.7 UJ		
SW9045	pH	S.U.	8.1	8.18	8.12 J	8.06 J	7.58 J	8.23 J	7.1 J		

TABLE 3
SUMMARY OF VIBRACORE SEDIMENT ANALYTICAL RESULTS

		Location	OL-VC-40251	OL-VC-40252	OL-VC-40252	OL-VC-40252
	Sample Depth	7-8 Ft	0-1 Ft		1-2 Ft	2-3 Ft
	Field Sample ID	OL-0872-11	OL-0872-12		OL-0872-13	OL-0872-14
	Sample Date	8/6/2009	8/6/2009		8/6/2009	8/6/2009
	Sample Delivery Group	JA25060	JA25060		JA25060	JA25060
	Matrix	SOIL	SOIL		SOIL	SOIL
	Sample Purpose	Regular sample	Regular sample		Regular sample	Regular sample
	Sample Type	Sediment	Sediment		Sediment	Sediment
Method	Parameter Name	Units				
ASTM D4643-00	SOLIDS, PERCENT	%				
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	8240	23200	9440	6970
SM2540G	PERCENT MOISTURE	%				
SM2540G	SOLIDS, PERCENT	%	54.6	52.9	57.9	55.6
SW7471	MERCURY	mg/kg	0.019 U	11	0.16	0.027 J
SW8082	AROCLOR-1016	ug/kg	6.1 U	6.2 U	5.6 U	5.9 U
SW8082	AROCLOR-1221	ug/kg	6.1 U	6.2 U	5.6 U	5.9 U
SW8082	AROCLOR-1232	ug/kg	6.1 U	6.2 U	5.6 U	5.9 U
SW8082	AROCLOR-1242	ug/kg	6.1 U	6.2 U	5.6 U	5.9 U
SW8082	AROCLOR-1248	ug/kg	6.1 U	33.6	5.6 U	5.9 U
SW8082	AROCLOR-1254	ug/kg	6.1 U	14.2	5.6 U	5.9 U
SW8082	AROCLOR-1260	ug/kg	6.1 U	6.2 U	5.6 U	5.9 U
SW8082	AROCLOR-1268	ug/kg	6.1 U	6.2 U	5.6 U	5.9 U
SW8082	PCBS, N.O.S.	ug/kg	6.1 U	47.8	5.6 U	5.9 U
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	9.5 U	9.8 U	9 U	8.2 U
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	9.5 U	1.6 J	9 U	8.2 U
SW8260	1,2-DICHLOROBENZENE	ug/kg	9.5 U	3.1 J	9 U	8.2 U
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	9.5 U	24.9	9 U	8.2 U
SW8260	1,3-DICHLOROBENZENE	ug/kg	9.5 U	2.4 J	9 U	8.2 U
SW8260	1,4-DICHLOROBENZENE	ug/kg	9.5 U	6.5 J	9 U	8.2 U
SW8260	BENZENE	ug/kg	1.9 U	37.9	1.8 U	91.6
SW8260	CHLOROBENZENE	ug/kg	9.5 U	1.8 J	9 U	8.2 U
SW8260	ETHYLBENZENE	ug/kg	1.9 U	2 U	1.8 U	1.6 U
SW8260	NAPHTHALENE	ug/kg	9.5 U	9.8 U	9 U	8.2 U
SW8260	O-XYLENE	ug/kg	1.9 U	2 U	1.8 U	1.6 U
SW8260	TOLUENE	ug/kg	1.9 U	2 U	1.8 U	1.6 U
SW8260	XYLEMES, M & P	ug/kg	3.8 U	3.9 U	3.6 U	3.3 U
SW8260	XYLEMES, TOTAL	ug/kg	3.8 U	3.9 U	3.6 U	3.3 U
SW8270	ACENAPHTHENE	ug/kg	5.2 U	5.4 U	4.9 U	5.1 U
SW8270	ACENAPHTHYLENE	ug/kg	5.2 U	5.4 U	4.9 U	5.1 U
SW8270	ANTHRACENE	ug/kg	5.2 U	5.4 U	4.9 U	5.1 U
SW8270	BENZO(A)ANTHRACENE	ug/kg	5.2 U	31.4	4.9 U	5.1 U
SW8270	BENZO(A)PYRENE	ug/kg	5.2 U	19.8	4.9 U	5.1 U
SW8270	BENZO(B)FLUORANTHENE	ug/kg	5.2 U	34.6	4.9 U	5.1 U
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	5.2 U	15.1	4.9 U	5.1 U
SW8270	BENZO(K)FLUORANTHENE	ug/kg	5.2 U	12.3	4.9 U	5.1 U
SW8270	CHRYSENE	ug/kg	5.2 U	16.2	4.9 U	5.1 U
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	5.2 U	5.4 U	4.9 U	5.1 U
SW8270	FLUORANTHENE	ug/kg	5.2 U	35.1	4.9 U	5.1 U
SW8270	FLUORENE	ug/kg	5.2 U	5.4 U	4.9 U	5.1 U
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	5.2 U	13.1	4.9 U	5.1 U
SW8270	PHENANTHRENE	ug/kg	5.2 U	27	4.9 U	5.1 U
SW8270	PHENOL	ug/kg	52 U	861	612	840
SW8270	PYRENE	ug/kg	5.2 U	34.6	4.9 U	5.1 U
SW9045	pH	S.U.	7.28	7.27	6.96	6.85

TABLE 3
SUMMARY OF VIBRACORE SEDIMENT ANALYTICAL RESULTS

		Location	OL-VC-40252	OL-VC-40252	OL-VC-40252	OL-VC-40252	OL-VC-40253	OL-VC-40253	OL-VC-40253
		Sample Depth	3-4 Ft	4-5 Ft	5-6 Ft	6-7.1 Ft	0-1 Ft	0-1 Ft	1-2 Ft
		Field Sample ID	OL-0872-15	OL-0872-16	OL-0872-17	OL-0872-18	OL-0887-01	OL-0887-02	OL-0887-03
		Sample Date	8/6/2009	8/6/2009	8/6/2009	8/6/2009	8/14/2009	8/14/2009	8/14/2009
		Sample Delivery Group	JA25060	JA25060	JA25060	JA25060	JA25757	JA25757	JA25757
		Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
		Sample Purpose	Regular sample	Field duplicate	Regular sample				
		Sample Type	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment
Method	Parameter Name	Units							
ASTM D4643-00	SOLIDS, PERCENT	%							
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	6150	6640	17700	6850	12600	12900	8610
SM2540G	PERCENT MOISTURE	%							
SM2540G	SOLIDS, PERCENT	%	54.9	55.2	59.3	62.1	57.7	56.1	60.2
SW7471	MERCURY	mg/kg	0.02 U	0.021 U	0.02 U	0.019 U	5.7 J	3.3 J	0.048 J
SW8082	AROCLOR-1016	ug/kg	6 U	6 U	5.6 U	5.4 U	5.7 U	5.9 U	5.5 U
SW8082	AROCLOR-1221	ug/kg	6 U	6 U	5.6 U	5.4 U	5.7 U	5.9 U	5.5 U
SW8082	AROCLOR-1232	ug/kg	6 U	6 U	5.6 U	5.4 U	5.7 U	5.9 U	5.5 U
SW8082	AROCLOR-1242	ug/kg	6 U	6 U	5.6 U	5.4 U	5.7 U	5.9 U	5.5 U
SW8082	AROCLOR-1248	ug/kg	6 U	6 U	5.6 U	5.4 U	5.7 U	9.7 J	5.5 U
SW8082	AROCLOR-1254	ug/kg	6 U	6 U	5.6 U	5.4 U	5.7 U	5.9 U	5.5 U
SW8082	AROCLOR-1260	ug/kg	6 U	6 U	5.6 U	5.4 U	5.7 U	5.9 U	5.5 U
SW8082	AROCLOR-1268	ug/kg	6 U	6 U	5.6 U	5.4 U	15.6 J	10.3	5.5 U
SW8082	PCBS, N.O.S.	ug/kg	6 U	6 U	5.6 U	5.4 U	15.6 J	20	5.5 U
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	9.5 U	9.6 U	7.8 U	7.5 U	8.3 U	8.7 U	8.1 U
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	9.5 U	9.6 U	7.8 U	7.5 U	8.3 U	8.7 U	8.1 U
SW8260	1,2-DICHLOROBENZENE	ug/kg	9.5 U	9.6 U	7.8 U	7.5 U	8.3 U	8.7 U	8.1 U
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	9.5 U	9.6 U	7.8 U	7.5 U	8.3 U	8.7 U	8.1 U
SW8260	1,3-DICHLOROBENZENE	ug/kg	9.5 U	9.6 U	7.8 U	7.5 U	8.3 U	8.7 U	8.1 U
SW8260	1,4-DICHLOROBENZENE	ug/kg	9.5 U	9.6 U	7.8 U	7.5 U	8.3 U	8.7 U	8.1 U
SW8260	BENZENE	ug/kg	116	182	133	55.3	6.2	9.1	23.6
SW8260	CHLOROBENZENE	ug/kg	9.5 U	9.6 U	7.8 U	7.5 U	8.3 U	8.7 U	8.1 U
SW8260	ETHYLBENZENE	ug/kg	1.9 U	1.9 U	1.6 U	1.5 U	1.7 U	1.7 U	1.6 U
SW8260	NAPHTHALENE	ug/kg	9.5 U	9.6 U	7.8 U	7.5 U	8.3 U	8.7 U	8.1 U
SW8260	O-XYLENE	ug/kg	1.9 U	1.9 U	1.6 U	1.5 U	1.7 U	1.7 U	1.6 U
SW8260	TOLUENE	ug/kg	1.9 U	1.9 U	1.6 U	1.5 U	1.7 U	1.7 U	1.6 U
SW8260	XYLENES, M & P	ug/kg	3.8 U	3.9 U	3.1 U	3 U	3.3 U	3.5 U	3.3 U
SW8260	XYLENES, TOTAL	ug/kg	3.8 U	3.9 U	3.1 U	3 U	3.3 U	3.5 U	3.3 U
SW8270	ACENAPHTHENE	ug/kg	5.2 U	5.2 U	4.8 U	4.6 U	5 U	5.1 U	4.7 U
SW8270	ACENAPHTHYLENE	ug/kg	5.2 U	5.2 U	4.8 U	4.6 U	5 U	5.1 U	4.7 U
SW8270	ANTHRACENE	ug/kg	5.2 U	5.2 U	4.8 U	4.6 U	5.56	7.24	4.7 U
SW8270	BENZO(A)ANTHRACENE	ug/kg	5.2 U	5.2 U	4.8 U	4.6 U	28.6	34.6	4.7 U
SW8270	BENZO(A)PYRENE	ug/kg	5.2 U	5.2 U	4.8 U	4.6 U	25.6	31.5	4.7 U
SW8270	BENZO(B)FLUORANTHENE	ug/kg	5.2 U	5.2 U	4.8 U	4.6 U	41.7	46.1	4.7 U
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	5.2 U	5.2 U	4.8 U	4.6 U	19.3	22.5	4.7 U
SW8270	BENZO(K)FLUORANTHENE	ug/kg	5.2 U	5.2 U	4.8 U	4.6 U	16.9	20	4.7 U
SW8270	CHRYSENE	ug/kg	5.2 U	5.2 U	4.8 U	4.6 U	27.2	32.8	4.7 U
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	5.2 U	5.2 U	4.8 U	4.6 U	9.11	10.9	4.7 U
SW8270	FLUORANTHENE	ug/kg	5.2 U	5.2 U	4.8 U	4.6 U	53.8	65.5	4.7 U
SW8270	FLUORENE	ug/kg	5.2 U	5.2 U	4.8 U	4.6 U	5 U	5.1 U	4.7 U
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	5.2 U	5.2 U	4.8 U	4.6 U	18.3	21.4	4.7 U
SW8270	PHENANTHRENE	ug/kg	5.2 U	5.2 U	4.8 U	4.6 U	18.4	23	4.7 U
SW8270	PHENOL	ug/kg	859	852	713	591	50 U	51 U	47 U
SW8270	PYRENE	ug/kg	5.2 U	5.2 U	4.8 U	4.6 U	49.9	59.1	4.7 U
SW9045	pH	S.U.	6.83	6.95	6.84	6.85	7.17	7.1	6.94

TABLE 3
SUMMARY OF VIBRACORE SEDIMENT ANALYTICAL RESULTS

		Location	OL-VC-40253	OL-VC-40253	OL-VC-40253	OL-VC-40253
	Sample Depth	2-3 Ft	3-4 Ft	4-5 Ft	5-6 Ft	
	Field Sample ID	OL-0887-04	OL-0887-05	OL-0887-06	OL-0887-07	
	Sample Date	8/14/2009	8/14/2009	8/14/2009	8/14/2009	
	Sample Delivery Group	JA25757	JA25757	JA25757	JA25757	
	Matrix	SOIL	SOIL	SOIL	SOIL	
	Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	
	Sample Type	Sediment	Sediment	Sediment	Sediment	
Method	Parameter Name	Units				
ASTM D4643-00	SOLIDIS, PERCENT	%				
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	7670	8280	13200	7470
SM2540G	PERCENT MOISTURE	%				
SM2540G	SOLIDIS, PERCENT	%	56.8	57.3	56.3	56
SW7471	MERCURY	mg/kg	0.02 U	0.019 U	0.021 U	0.02 U
SW8082	AROCLOR-1016	ug/kg	5.9 U	5.8 U	5.8 U	5.8 U
SW8082	AROCLOR-1221	ug/kg	5.9 U	5.8 U	5.8 U	5.8 U
SW8082	AROCLOR-1232	ug/kg	5.9 U	5.8 U	5.8 U	5.8 U
SW8082	AROCLOR-1242	ug/kg	5.9 U	5.8 U	5.8 U	5.8 U
SW8082	AROCLOR-1248	ug/kg	5.9 U	5.8 U	5.8 U	5.8 U
SW8082	AROCLOR-1254	ug/kg	5.9 U	5.8 U	5.8 U	5.8 U
SW8082	AROCLOR-1260	ug/kg	5.9 U	5.8 U	5.8 U	5.8 U
SW8082	AROCLOR-1268	ug/kg	5.9 U	5.8 U	5.8 U	5.8 U
SW8082	PCBS, N.O.S.	ug/kg	5.9 U	5.8 U	5.8 U	5.8 U
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	9.2 U	8.9 U	9.4 U	9.1 U
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	9.2 U	8.9 U	9.4 U	9.1 U
SW8260	1,2-DICHLOROBENZENE	ug/kg	9.2 U	8.9 U	9.4 U	9.1 U
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	9.2 U	8.9 U	9.4 U	9.1 U
SW8260	1,3-DICHLOROBENZENE	ug/kg	9.2 U	8.9 U	9.4 U	9.1 U
SW8260	1,4-DICHLOROBENZENE	ug/kg	9.2 U	8.9 U	9.4 U	9.1 U
SW8260	BENZENE	ug/kg	49.3 J	40.1	25.6	16.9
SW8260	CHLOROBENZENE	ug/kg	9.2 U	8.9 U	9.4 U	9.1 U
SW8260	ETHYLBENZENE	ug/kg	1.8 U	1.8 U	1.9 U	1.8 U
SW8260	NAPHTHALENE	ug/kg	9.2 U	8.9 U	9.4 U	9.1 U
SW8260	O-XYLENE	ug/kg	1.8 U	1.8 U	1.9 U	1.8 U
SW8260	TOLUENE	ug/kg	1.8 U	1.8 U	1.9 U	1.8 U
SW8260	XYLEMES, M & P	ug/kg	3.7 U	3.6 U	3.8 U	3.6 U
SW8260	XYLEMES, TOTAL	ug/kg	3.7 U	3.6 U	3.8 U	3.6 U
SW8270	ACENAPHTHENE	ug/kg	5 U	5 U	5.1 U	5.1 U
SW8270	ACENAPHTHYLENE	ug/kg	5 U	5 U	5.1 U	5.1 U
SW8270	ANTHRACENE	ug/kg	5 U	5 U	5.1 U	5.1 U
SW8270	BENZO(A)ANTHRACENE	ug/kg	5 U	5 U	5.1 U	5.1 U
SW8270	BENZO(A)PYRENE	ug/kg	5 U	5 U	5.1 U	5.1 U
SW8270	BENZO(B)FLUORANTHENE	ug/kg	5 U	5 U	5.1 U	5.1 U
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	5 U	5 U	5.1 U	5.1 U
SW8270	BENZO(K)FLUORANTHENE	ug/kg	5 U	5 U	5.1 U	5.1 U
SW8270	CHRYSENE	ug/kg	5 U	5 U	5.1 U	5.1 U
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	5 U	5 U	5.1 U	5.1 U
SW8270	FLUORANTHENE	ug/kg	5 U	5 U	5.1 U	5.1 U
SW8270	FLUORENE	ug/kg	5 U	5 U	5.1 U	5.1 U
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	5 U	5 U	5.1 U	5.1 U
SW8270	PHENANTHRENE	ug/kg	5 U	5 U	5.1 U	5.1 U
SW8270	PHENOL	ug/kg	50 U	50 U	51 U	51 U
SW8270	PYRENE	ug/kg	5 U	5 U	5.1 U	5.1 U
SW9045	pH	S.U.	6.88	6.83	6.93	6.93

TABLE 3
SUMMARY OF VIBRACORE SEDIMENT ANALYTICAL RESULTS

		Location	OL-VC-40253	OL-VC-40253	OL-VC-50066	OL-VC-50066	OL-VC-50066	OL-VC-50066	OL-VC-50067
	Sample Depth		6-7 Ft	7-8 Ft	0-1 Ft	1-2 Ft	2-3 Ft	3-4 Ft	0-1 Ft
	Field Sample ID		OL-0887-08	OL-0887-09	OL-0854-16	OL-0854-17	OL-0854-18	OL-0854-19	OL-0854-20
	Sample Date		8/14/2009	8/14/2009	7/30/2009	7/30/2009	7/30/2009	7/30/2009	7/30/2009
	Sample Delivery Group		JA25757	JA25757	JA24410	JA24410	JA24410	JA24410	JA24410
	Matrix	SOIL							
	Sample Purpose	Regular sample							
	Sample Type	Sediment							
Method	Parameter Name	Units							
ASTM D4643-00	SOLIDS, PERCENT	%			61.8				51.2
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	7050	7930	10100	11400 J	9060 J	13800 J	13100
SM2540G	PERCENT MOISTURE	%							
SM2540G	SOLIDS, PERCENT	%	57.6	55.6		46	46.4	42.5	
SW7471	MERCURY	mg/kg	0.026 J	0.019 U	2.1	120 J	166 J	72.1 J	1.7
SW8082	AROCLOR-1016	ug/kg	5.7 U	5.9 U	5.3 U	7.1 UJ	7.1 UJ	7.7 UJ	6.5 U
SW8082	AROCLOR-1221	ug/kg	5.7 U	5.9 U	5.3 U	7.1 UJ	7.1 UJ	7.7 UJ	6.5 U
SW8082	AROCLOR-1232	ug/kg	5.7 U	5.9 U	5.3 U	7.1 UJ	7.1 UJ	7.7 UJ	6.5 U
SW8082	AROCLOR-1242	ug/kg	5.7 U	5.9 U	5.3 U	7.1 UJ	7.1 UJ	7.7 UJ	6.5 U
SW8082	AROCLOR-1248	ug/kg	5.7 U	5.9 U	42.3	127 J	137 J	341 J	30
SW8082	AROCLOR-1254	ug/kg	5.7 U	5.9 U	16.7	50.8 J	63.3 J	138 J	11.9
SW8082	AROCLOR-1260	ug/kg	5.7 U	5.9 U	5.3 U	7.1 UJ	7.1 UJ	7.7 UJ	6.5 U
SW8082	AROCLOR-1268	ug/kg	5.7 U	5.9 U	5.3 U	16.4 J	35.6 J	36.3 J	6.5 U
SW8082	PCBS, N.O.S.	ug/kg	5.7 U	5.9 U	60	194 J	236 J	515 J	42
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	8.9 U	9.2 U	7.9 U	10 UJ	10 UJ	11 UJ	9 U
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	8.9 U	9.2 U	7.9 U	10 UJ	10 UJ	11 UJ	9 U
SW8260	1,2-DICHLOROBENZENE	ug/kg	8.9 U	9.2 U	7.9 U	1.1 J	0.72 J	0.99 J	9 U
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	8.9 U	9.2 U	7.9 U	10 UJ	10 UJ	11 UJ	9 U
SW8260	1,3-DICHLOROBENZENE	ug/kg	8.9 U	9.2 U	2.4 J	19.5 J	15.1 J	14.2 J	1.7 J
SW8260	1,4-DICHLOROBENZENE	ug/kg	8.9 U	9.2 U	1.7 J	8.3 J	3.7 J	3.4 J	1.6 J
SW8260	BENZENE	ug/kg	11.1	11.3	1.6 U	1.1 J	2.3 J	2.5 J	1.8 U
SW8260	CHLOROBENZENE	ug/kg	8.9 U	9.2 U	2.8 J	10.4 J	6.4 J	3.7 J	1.8 J
SW8260	ETHYLBENZENE	ug/kg	1.8 U	1.8 U	1.6 U	2.1 UJ	2 UJ	2.1 UJ	1.8 U
SW8260	NAPHTHALENE	ug/kg	8.9 U	9.2 U	7.9 U	10 UJ	10 UJ	11 UJ	9 U
SW8260	O-XYLENE	ug/kg	1.8 U	1.8 U	1.6 U	1.7 J	1.9 J	1.5 J	1.8 U
SW8260	TOLUENE	ug/kg	1.8 U	1.8 U	1.6 U	2.1 UJ	2 UJ	2.1 UJ	1.8 U
SW8260	XYLENES, M & P	ug/kg	3.5 U	3.7 U	3.2 U	6 J	5.7 J	4 J	3.6 U
SW8260	XYLENES, TOTAL	ug/kg	3.5 U	3.7 U	3.2 U	7.7 J	7.6 J	5.5 J	3.6 U
SW8270	ACENAPHTHENE	ug/kg	5 U	5.1 U	4.6 U	6.2 UJ	6.1 UJ	13.2 J	5.5 U
SW8270	ACENAPHTHYLENE	ug/kg	5 U	5.1 U	4.6 U	6.2 UJ	6.1 UJ	23.1 J	5.5 U
SW8270	ANTHRACENE	ug/kg	5 U	5.1 U	4.6 U	6.2 UJ	6.1 UJ	51.2 J	5.5 U
SW8270	BENZO(A)ANTHRACENE	ug/kg	5 U	5.1 U	4.6 U	13.2 J	14.1 J	59.7 J	14.2
SW8270	BENZO(A)PYRENE	ug/kg	5 U	5.1 U	4.6 U	6.2 UJ	6.1 UJ	49.7 J	9.73
SW8270	BENZO(B)FLUORANTHENE	ug/kg	5 U	5.1 U	4.6 U	6.2 UJ	6.1 UJ	97.1 J	16.2
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	5 U	5.1 U	4.6 U	6.2 UJ	6.1 UJ	44.1 J	8.18
SW8270	BENZO(K)FLUORANTHENE	ug/kg	5 U	5.1 U	4.6 U	6.2 UJ	6.1 UJ	24.6 J	7.82
SW8270	CHRYSENE	ug/kg	5 U	5.1 U	4.6 U	4.75 J	6.75 J	54.2 J	6.33
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	5 U	5.1 U	4.6 U	6.2 UJ	6.1 UJ	10.5 J	5.5 U
SW8270	FLUORANTHENE	ug/kg	5 U	5.1 U	6.18	15.8 J	19.6 J	140 J	14.1
SW8270	FLUORENE	ug/kg	5 U	5.1 U	4.6 U	6.2 UJ	6.1 UJ	54.7 J	5.5 U
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	5 U	5.1 U	4.6 U	6.2 UJ	6.1 UJ	33.7 J	6.3
SW8270	PHENANTHRENE	ug/kg	5 U	5.1 U	4.6 U	11.3 J	13.1 J	138 J	7.03 J
SW8270	PHENOL	ug/kg	50 U	51 U	46 U	62 UJ	61 UJ	67 UJ	55 U
SW8270	PYRENE	ug/kg	5 U	5.1 U	6.26	13.5 J	16.9 J	155 J	17.6
SW9045	pH	S.U.	7.11	6.96	7.65	7.68 J	7.5 J	7.47 J	7.33

TABLE 3
SUMMARY OF VIBRACORE SEDIMENT ANALYTICAL RESULTS

		Location	OL-VC-50067	OL-VC-50067	OL-VC-50067	OL-VC-50068-A
	Sample Depth	1-2 Ft	2-3 Ft	3-4 Ft	0.00-0.50 Ft	
	Field Sample ID	OL-0855-01	OL-0855-02	OL-0855-03	OL-1026-02	
	Sample Date	7/30/2009	7/30/2009	7/30/2009	9/23/2009	
	Sample Delivery Group	JA24409	JA24409	JA24409	OLS06	
	Matrix	SOIL	SOIL	SOIL	SOIL	
	Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	
	Sample Type	Sediment	Sediment	Sediment	Sediment	
Method	Parameter Name	Units				
ASTM D4643-00	SOLIDS, PERCENT	%			50.1	
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	18400 J	30600 J	23500	
SM2540G	PERCENT MOISTURE	%				61
SM2540G	SOLIDS, PERCENT	%	45.4	43		
SW7471	MERCURY	mg/kg	49.3 J	21.2 J	1.1	1.59 J
SW8082	AROCLOR-1016	ug/kg	7.3 UJ	7.8 UJ	6.7 U	
SW8082	AROCLOR-1221	ug/kg	7.3 UJ	7.8 UJ	6.7 U	
SW8082	AROCLOR-1232	ug/kg	7.3 UJ	7.8 UJ	6.7 U	
SW8082	AROCLOR-1242	ug/kg	7.3 UJ	7.8 UJ	6.7 U	
SW8082	AROCLOR-1248	ug/kg	227 J	47.3 J	6.7 U	
SW8082	AROCLOR-1254	ug/kg	84.3 J	39.6 J	6.7 U	
SW8082	AROCLOR-1260	ug/kg	44.1 J	16.1 J	6.7 U	
SW8082	AROCLOR-1268	ug/kg	7.3 UJ	7.8 UJ	6.7 U	
SW8082	PCBS, N.O.S.	ug/kg	355 J	103 J	6.7 U	
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	11 UJ	11 UJ	9.2 U	
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	11 UJ	11 UJ	9.2 U	
SW8260	1,2-DICHLOROBENZENE	ug/kg	11 UJ	11 UJ	9.2 U	
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	11 UJ	11 UJ	9.2 U	
SW8260	1,3-DICHLOROBENZENE	ug/kg	5.7 J	1.5 J	9.2 U	
SW8260	1,4-DICHLOROBENZENE	ug/kg	4.2 J	1.3 J	9.2 U	
SW8260	BENZENE	ug/kg	0.84 J	0.98 J	1.8 U	
SW8260	CHLOROBENZENE	ug/kg	3.9 J	1.1 J	9.2 U	
SW8260	ETHYLBENZENE	ug/kg	2.2 UJ	2.2 UJ	1.8 U	
SW8260	NAPHTHALENE	ug/kg	11 UJ	11 UJ	9.2 U	
SW8260	O-XYLENE	ug/kg	8.2 J	2.2 UJ	1.8 U	
SW8260	TOLUENE	ug/kg	2.2 UJ	2.2 UJ	1.8 U	
SW8260	XYLEMES, M & P	ug/kg	1.6 J	4.4 UJ	3.7 U	
SW8260	XYLEMES, TOTAL	ug/kg	9.8 J	4.4 UJ	3.7 U	
SW8270	ACENAPHTHENE	ug/kg	6.3 UJ	6.6 UJ	5.7 U	
SW8270	ACENAPHTHYLENE	ug/kg	6.3 UJ	9.31 J	14.3	
SW8270	ANTHRACENE	ug/kg	12.5 J	18.7 J	14.5	
SW8270	BENZO(A)ANTHRACENE	ug/kg	30.4 J	26.4 J	35.4	
SW8270	BENZO(A)PYRENE	ug/kg	18.6 J	17.6 J	22.4	
SW8270	BENZO(B)FLUORANTHENE	ug/kg	36.2 J	32.4 J	40.8	
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	13.3 J	12.3 J	14.7	
SW8270	BENZO(K)FLUORANTHENE	ug/kg	12.6 J	14 J	12.2	
SW8270	CHRYSENE	ug/kg	23.3 J	31.3 J	27.3	
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	6.3 UJ	6.6 UJ	5.7 U	
SW8270	FLUORANTHENE	ug/kg	65.1 J	67.6 J	76.6	
SW8270	FLUORENE	ug/kg	8.48 J	13.4 J	5.7 U	
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	13.2 J	12 J	15	
SW8270	PHENANTHRENE	ug/kg	33.2 J	52.5 J	32.7	
SW8270	PHENOL	ug/kg	63 UJ	66 UJ	57 U	
SW8270	PYRENE	ug/kg	66.3 J	77 J	88.8	
SW9045	pH	S.U.	7.38 J	7.29 J	7.1	

TABLE 3
SUMMARY OF VIBRACORE SEDIMENT ANALYTICAL RESULTS

		Location	OL-VC-50068-A	OL-VC-50068	OL-VC-50068	OL-VC-50068	OL-VC-50068	OL-VC-50069-A	OL-VC-50069-A
	Sample Depth	0.50-1.00 Ft	0.0-1.0 Ft	1.0-2.0 Ft	2.0-3.0 Ft	3.0-4.0 Ft	0.00-0.50 Ft	0.50-1.00 Ft	
	Field Sample ID	OL-1026-03	OL-0840-13	OL-0840-14	OL-0840-15	OL-0840-16	OL-1028-02	OL-1028-03	
	Sample Date	9/23/2009	7/23/2009	7/23/2009	7/23/2009	7/23/2009	9/24/2009	9/24/2009	
	Sample Delivery Group	OLS06	JA23890	JA23890	JA23890	JA23890	OLS08	OLS08	
	Matrix	SOIL							
	Sample Purpose	Regular sample							
	Sample Type	Sediment							
Method	Parameter Name	Units							
ASTM D4643-00	SOLIDS, PERCENT	%							
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg		32200 J	36600 J	33000 J	23300 J	49400 J	21400 J
SM2540G	PERCENT MOISTURE	%	59.7					58.6	53.1
SM2540G	SOLIDS, PERCENT	%		36.2	41.9	47	48.3		
SW7471	MERCURY	mg/kg	48.5 J	26.8 J	3.1 J	0.15 J	0.036 J	6.1 J	2.53 J
SW8082	AROCLOR-1016	ug/kg		9.1 UJ	7.9 UJ	7 UJ	6.9 UJ	410 UJ	91 UJ
SW8082	AROCLOR-1221	ug/kg		9.1 UJ	7.9 UJ	7 UJ	6.9 UJ	410 UJ	91 UJ
SW8082	AROCLOR-1232	ug/kg		9.1 UJ	7.9 UJ	7 UJ	6.9 UJ	410 UJ	91 UJ
SW8082	AROCLOR-1242	ug/kg		9.1 UJ	7.9 UJ	7 UJ	6.9 UJ	410 UJ	91 UJ
SW8082	AROCLOR-1248	ug/kg		61 J	23.6 J	7 UJ	6.9 UJ	3600 J	730 J
SW8082	AROCLOR-1254	ug/kg		29.7 J	19.2 J	7 UJ	6.9 UJ	1500 J	320 J
SW8082	AROCLOR-1260	ug/kg		12.9 J	9 J	7 UJ	6.9 UJ	470 J	94 J
SW8082	AROCLOR-1268	ug/kg		9.1 UJ	7.9 UJ	7 UJ	6.9 UJ	410 UJ	91 UJ
SW8082	PCBS, N.O.S.	ug/kg		104 J	51.8 J	7 UJ	6.9 UJ	5600 J	1100 J
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg		15 UJ	12 UJ	10 UJ	9.8 UJ	12 UJ	10 UJ
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg		15 UJ	12 UJ	10 UJ	9.8 UJ	12 UJ	10 UJ
SW8260	1,2-DICHLOROBENZENE	ug/kg		15 UJ	12 UJ	10 UJ	9.8 UJ	28 J	10 UJ
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg		15 UJ	12 UJ	10 UJ	9.8 UJ	18 J	10 UJ
SW8260	1,3-DICHLOROBENZENE	ug/kg		4.7 J	12 UJ	10 UJ	9.8 UJ	39 J	3 J
SW8260	1,4-DICHLOROBENZENE	ug/kg		7.4 J	12 UJ	10 UJ	9.8 UJ	94 J	6 J
SW8260	BENZENE	ug/kg		3 UJ	2.4 UJ	2 UJ	2 UJ	12 UJ	10 UJ
SW8260	CHLOROBENZENE	ug/kg		4.1 J	12 UJ	10 UJ	9.8 UJ	34 J	4 J
SW8260	ETHYLBENZENE	ug/kg		3 UJ	2.4 UJ	2 UJ	2 UJ	12 UJ	10 UJ
SW8260	NAPHTHALENE	ug/kg		15 UJ	12 UJ	10 UJ	9.8 UJ	12 UJ	10 UJ
SW8260	O-XYLENE	ug/kg		3 UJ	2.4 UJ	2 UJ	2 UJ	5 J	2 J
SW8260	TOLUENE	ug/kg		3 UJ	2.4 UJ	2 UJ	2 UJ	12 UJ	10 UJ
SW8260	XYLEMES, M & P	ug/kg		6 UJ	4.9 UJ	4 UJ	3.9 UJ	5 J	10 UJ
SW8260	XYLEMES, TOTAL	ug/kg		6 UJ	4.9 UJ	4 UJ	3.9 UJ	9 J	2 J
SW8270	ACENAPHTHENE	ug/kg		16 UJ	22.1 J	12 UJ	12 UJ	250 J	270 J
SW8270	ACENAPHTHYLENE	ug/kg		29.6 J	106 J	12.6 J	12 UJ	140 J	69 J
SW8270	ANTHRACENE	ug/kg		57 J	91.5 J	14.1 J	12 UJ	560 J	510 J
SW8270	BENZO(A)ANTHRACENE	ug/kg		146 J	205 J	45.2 J	12 UJ	1600 J	1300 J
SW8270	BENZO(A)PYRENE	ug/kg		120 J	236 J	41.2 J	12 UJ	1300 J	1200 J
SW8270	BENZO(B)FLUORANTHENE	ug/kg		272 J	214 J	83.8 J	12 UJ	1900 J	1400 J
SW8270	BENZO(G,H,I)PERYLENE	ug/kg		95.2 J	183 J	29.7 J	12 UJ	770 J	680 J
SW8270	BENZO(K)FLUORANTHENE	ug/kg		68.2 J	258 J	18.7 J	12 UJ	540 J	530 J
SW8270	CHRYSENE	ug/kg		101 J	292 J	41.7 J	12 UJ	1900 J	1400 J
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg		26.6 J	58.3 J	19.4 J	12 UJ	240 J	210 J
SW8270	FLUORANTHENE	ug/kg		223 J	326 J	71.6 J	12 UJ	4200 J	3200 J
SW8270	FLUORENE	ug/kg		68.3 J	40.8 J	12 UJ	12 UJ	310 J	360 J
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg		105 J	163 J	35.3 J	12 UJ	730 J	650 J
SW8270	PHENANTHRENE	ug/kg		105 J	119 J	16.1 J	12 UJ	2100 J	2600 J
SW8270	PHENOL	ug/kg		79 UJ	68 UJ	61 UJ	59 UJ		
SW8270	PYRENE	ug/kg		267 J	572 J	96.8 J	12 UJ	3700 J	2500 J
SW9045	pH	S.U.		7.53 J	7.44 J	7.38 J	7.59 J	7.75 J	7.76 J

TABLE 3
SUMMARY OF VIBRACORE SEDIMENT ANALYTICAL RESULTS

		Location	OL-VC-50069	OL-VC-50069	OL-VC-50069	OL-VC-50069	OL-VC-50070-A	OL-VC-50070-A	OL-VC-50070
Method	Parameter Name	Units							
ASTM D4643-00	SOLIDS, PERCENT	%							
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	26000 J	34600 J	42900 J	16900	43700 J	49700 J	37200 J
SM2540G	PERCENT MOISTURE	%					62.7	62.4	
SM2540G	SOLIDS, PERCENT	%	48.2	46.6	46.6	54.7			35.8
SW7471	MERCURY	mg/kg	4 J	1.7 J	1.5 J	0.25	1.59 J	1.65 J	2 J
SW8082	AROCLOR-1016	ug/kg	6.9 UJ	7.1 UJ	7.1 UJ	6 U	110 UJ	230 UJ	9.1 UJ
SW8082	AROCLOR-1221	ug/kg	6.9 UJ	7.1 UJ	7.1 UJ	6 U	110 UJ	230 UJ	9.1 UJ
SW8082	AROCLOR-1232	ug/kg	6.9 UJ	7.1 UJ	7.1 UJ	6 U	110 UJ	230 UJ	9.1 UJ
SW8082	AROCLOR-1242	ug/kg	6.9 UJ	7.1 UJ	7.1 UJ	6 U	110 UJ	230 UJ	9.1 UJ
SW8082	AROCLOR-1248	ug/kg	122 J	7.1 UJ	7.1 UJ	6 U	470 J	1700 J	87.2 J
SW8082	AROCLOR-1254	ug/kg	49 J	7.1 UJ	7.1 UJ	6 U	230 J	720 J	49.1 J
SW8082	AROCLOR-1260	ug/kg	14.8 J	7.1 UJ	7.1 UJ	6 U	93 J	300 J	19.3 J
SW8082	AROCLOR-1268	ug/kg	6.9 UJ	7.1 UJ	7.1 UJ	6 U	110 UJ	230 UJ	9.1 UJ
SW8082	PCBS, N.O.S.	ug/kg	186 J	7.1 UJ	7.1 UJ	6 U	790 J	2700 J	156 J
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	11 UJ	12 UJ	12 UJ	9.5 U	15 UJ	14 UJ	14 UJ
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	3.5 J	12 UJ	12 UJ	9.5 U	15 UJ	14 UJ	14 UJ
SW8260	1,2-DICHLOROBENZENE	ug/kg	5.4 J	0.74 J	12 UJ	9.5 U	7 J	6 J	3.5 J
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	11 UJ	12 UJ	12 UJ	9.5 U	15 UJ	14 J	14 UJ
SW8260	1,3-DICHLOROBENZENE	ug/kg	6.5 J	12 UJ	12 UJ	9.5 U	7 J	55 J	4.1 J
SW8260	1,4-DICHLOROBENZENE	ug/kg	19.4 J	1.1 J	12 UJ	9.5 U	27 J	140 J	13.9 J
SW8260	BENZENE	ug/kg	0.82 J	1.2 J	1.3 J	1.9 U	15 UJ	4 J	1.5 J
SW8260	CHLOROBENZENE	ug/kg	17.3 J	12 UJ	12 UJ	9.5 U	44 J	190 J	26.6 J
SW8260	ETHYLBENZENE	ug/kg	2.2 UJ	7.9 J	5.7 J	1.9 U	15 UJ	14 UJ	2.7 UJ
SW8260	NAPHTHALENE	ug/kg	2.4 J	135 J	78.4 J	4.6 J	15 UJ	3 J	5.7 J
SW8260	O-XYLENE	ug/kg	2.5 J	5.9 J	3.3 J	1.9 U	4 J	18 J	2.5 J
SW8260	TOLUENE	ug/kg	2.2 UJ	1.3 J	1.7 J	1.9 U	15 UJ	4 J	0.9 J
SW8260	XYLENES, M & P	ug/kg	2.2 J	6.9 J	4.3 J	3.8 U	4 J	23 J	3.2 J
SW8260	XYLENES, TOTAL	ug/kg	4.7 J	12.8 J	7.6 J	3.8 U	8 J	41 J	5.7 J
SW8270	ACENAPHTHENE	ug/kg	163 J	1660 J	407 J	122	68 J	110 J	26.9 J
SW8270	ACENAPHTHYLENE	ug/kg	324 J	1830 J	485 J	136	87 J	110 J	82.5 J
SW8270	ANTHRACENE	ug/kg	318 J	2910 J	977 J	331	150 J	200 J	74.8 J
SW8270	BENZO(A)ANTHRACENE	ug/kg	667 J	3670 J	1420 J	592	700 J	910 J	186 J
SW8270	BENZO(A)PYRENE	ug/kg	660 J	3100 J	1380 J	549	830 J	990 J	225 J
SW8270	BENZO(B)FLUORANTHENE	ug/kg	597 J	2270 J	877 J	356	1200 J	1500 J	266 J
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	378 J	1440 J	735 J	281	600 J	630 J	172 J
SW8270	BENZO(K)FLUORANTHENE	ug/kg	437 J	1240 J	560 J	286	320 J	540 J	96 J
SW8270	CHRYSENE	ug/kg	759 J	3440 J	1360 J	545	910 J	1100 J	234 J
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	152 J	656 J	298 J	118	150 J	180 J	64.1 J
SW8270	FLUORANTHENE	ug/kg	1160 J	4620 J	1700 J	726	1400 J	1900 J	318 J
SW8270	FLUORENE	ug/kg	123 J	1500 J	381 J	163	96 J	170 J	80 UJ
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	353 J	1290 J	573 J	245	520 J	560 J	152 J
SW8270	PHENANTHRENE	ug/kg	708 J	8010 J	2190 J	722	500 J	980 J	160 J
SW8270	PHENOL	ug/kg							
SW8270	PYRENE	ug/kg	1320 J	7550 J	2570 J	1020	1200 J	1800 J	359 J
SW9045	pH	S.U.	7.69 J	7.61 J	7.56 J	7.53	7.39 J	7.59 J	7.42 J

TABLE 3
SUMMARY OF VIBRACORE SEDIMENT ANALYTICAL RESULTS

		Location	OL-VC-50070	OL-VC-50070	OL-VC-50070	OL-VC-50070	OL-VC-50072	OL-VC-50072	OL-VC-50072
	Sample Depth	1.0-2.0 Ft	2.0-3.0 Ft	2.0-3.0 Ft	3.0-4.0 Ft	0.00-0.50 Ft	0.50-1.00 Ft	1.00-2.00 Ft	
	Field Sample ID	OL-0843-06	OL-0843-07	OL-0843-08	OL-0843-09	OL-1027-12	OL-1027-13	OL-1027-14	
	Sample Date	7/24/2009	7/24/2009	7/24/2009	7/24/2009	9/24/2009	9/24/2009	9/24/2009	
	Sample Delivery Group	JA24031	JA24031	JA24031	JA24031	OLS07	OLS07	OLS07	
	Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	
	Sample Purpose	Regular sample	Regular sample	Field duplicate	Regular sample	Regular sample	Regular sample	Regular sample	
	Sample Type	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	
Method	Parameter Name	Units							
ASTM D4643-00	SOLIDs, PERCENT	%							
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	52000 J	72500 J	70000 J	48700 J	11800	12000	17300
SM2540G	PERCENT MOISTURE	%					44.3	36.4	44
SM2540G	SOLIDs, PERCENT	%	33.2	35	31.8	37.5			
SW7471	MERCURY	mg/kg	20.7 J	6.4 J	6.6 J	2.5 J	0.0204 U	0.0179 U	0.0205 U
SW8082	AROCLOR-1016	ug/kg	49 UJ	9.4 UJ	10 UJ	8.7 UJ	15 U	13 U	15 U
SW8082	AROCLOR-1221	ug/kg	49 UJ	9.4 UJ	10 UJ	8.7 UJ	15 U	13 U	15 U
SW8082	AROCLOR-1232	ug/kg	49 UJ	9.4 UJ	10 UJ	8.7 UJ	15 U	13 U	15 U
SW8082	AROCLOR-1242	ug/kg	49 UJ	9.4 UJ	10 UJ	8.7 UJ	15 U	13 U	15 U
SW8082	AROCLOR-1248	ug/kg	1700 J	969 J	501 J	8.7 UJ	15 U	13 U	15 U
SW8082	AROCLOR-1254	ug/kg	595 J	472 J	274 J	8.7 UJ	15 U	13 U	15 U
SW8082	AROCLOR-1260	ug/kg	184 J	141 J	69.6 J	8.7 UJ	15 U	13 U	15 U
SW8082	AROCLOR-1268	ug/kg	49 UJ	9.4 UJ	10 UJ	8.7 UJ	15 U	13 U	15 U
SW8082	PCBS, N.O.S.	ug/kg	2480 J	1580 J	845 J	8.7 UJ	15 U	13 U	15 U
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	14 UJ	24 UJ	79 UJ	27 UJ	9 U	8 U	10 U
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	21.9 J	24.9 J	79 UJ	27 UJ	9 U	8 U	10 U
SW8260	1,2-DICHLOROBENZENE	ug/kg	25.8 J	26.6 J	10.1 J	1.7 J	9 U	8 U	10 U
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	14 UJ	24 UJ	79 UJ	27 UJ	9 U	8 U	10 U
SW8260	1,3-DICHLOROBENZENE	ug/kg	46.6 J	19.6 J	5.2 J	27 UJ	9 U	8 U	10 U
SW8260	1,4-DICHLOROBENZENE	ug/kg	106 J	70.7 J	17.2 J	2.5 J	9 U	8 U	10 U
SW8260	BENZENE	ug/kg	7.7 J	13.3 J	19 J	7.3 J	9 U	8 U	10 U
SW8260	CHLOROBENZENE	ug/kg	126 J	46 J	24.2 J	27 UJ	9 U	8 U	10 U
SW8260	ETHYLBENZENE	ug/kg	3 J	5.5 J	9.7 J	20.4 J	9 U	8 U	10 U
SW8260	NAPHTHALENE	ug/kg	4.4 J	17.3 J	59.7 J	555 J	9 U	8 U	10 U
SW8260	O-XYLENE	ug/kg	14.6 J	19.8 J	27.8 J	12.1 J	9 U	8 U	10 U
SW8260	TOLUENE	ug/kg	2.5 J	2.7 J	16 UJ	9 J	9 U	8 U	10 U
SW8260	XYLENES, M & P	ug/kg	25.1 J	25.2 J	11.9 J	18 J	9 U	8 U	10 U
SW8260	XYLENES, TOTAL	ug/kg	39.7 J	45 J	39.7 J	30.1 J	9 U	8 U	10 U
SW8270	ACENAPHTHENe	ug/kg	47.5 J	230 J	183 J	1830 J	3 U	2.6 U	3 UJ
SW8270	ACENAPHTHYLENE	ug/kg	104 J	253 J	247 J	932 J	3 U	2.6 U	3 UJ
SW8270	ANTHRACENE	ug/kg	158 J	407 J	357 J	2680 J	0.6 J	2.6 U	3 UJ
SW8270	BENZO(A)ANTHRACENE	ug/kg	287 J	717 J	671 J	2250 J	2.5 J	2.6 U	3 UJ
SW8270	BENZO(A)PYRENE	ug/kg	287 J	713 J	690 J	1690 J	3.7	2.6 U	3 UJ
SW8270	BENZO(B)FLUORANTHENE	ug/kg	334 J	672 J	660 J	943 J	8.2	2.6 U	3 UJ
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	232 J	434 J	425 J	741 J	2.5 J	2.6 U	3 UJ
SW8270	BENZO(K)FLUORANTHENE	ug/kg	193 J	430 J	437 J	929 J	2.2 J	2.6 U	3 UJ
SW8270	CHRYSENE	ug/kg	384 J	911 J	833 J	2200 J	5.1	2.6 U	3 UJ
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	63 J	197 J	150 J	234 J	1.4 J	2.6 U	3 UJ
SW8270	FLUORANTHENE	ug/kg	648 J	1480 J	1300 J	3320 J	8.8	3.3	3 UJ
SW8270	FLUORENE	ug/kg	71 J	186 J	169 J	1690 J	3 U	2.6 U	3 UJ
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	180 J	394 J	379 J	665 J	2.8 J	2.6 U	3 UJ
SW8270	PHENANTHRENE	ug/kg	424 J	1340 J	1090 J	7240 J	3.6	2.5 J	3 UJ
SW8270	PHENOL	ug/kg							
SW8270	PYRENE	ug/kg	640 J	1690 J	1520 J	5050 J	7.7	2.8	3 UJ
SW9045	pH	S.U.	7.66 J	7.57 J	7.52 J	7.49 J	8.31	8.04	7.58

TABLE 3
SUMMARY OF VIBRACORE SEDIMENT ANALYTICAL RESULTS

		Location	OL-VC-50072	OL-VC-50072	OL-VC-50073	OL-VC-50073	OL-VC-50073	OL-VC-50073	OL-VC-50073	
	Sample Depth	2.00-3.00 Ft	3.00-4.00 Ft	0.00-0.50 Ft	0.50-1.00 Ft	1.00-2.00 Ft	2.00-3.00 Ft	3.00-4.00 Ft		
	Field Sample ID	OL-1027-15	OL-1027-16	OL-1027-17	OL-1027-18	OL-1027-19	OL-1027-20	OL-1028-01		
	Sample Date	9/24/2009	9/24/2009	9/24/2009	9/24/2009	9/24/2009	9/24/2009	9/24/2009		
	Sample Delivery Group	OLS07	OLS07	OLS07	OLS07	OLS07	OLS07	OLS08		
	Matrix	SOIL								
	Sample Purpose	Regular sample								
	Sample Type	Sediment								
Method	Parameter Name	Units								
ASTM D4643-00	SOLIDS, PERCENT	%								
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	17300	15400	39300 J	43100 J	89800 J	76100 J	68200 J	
SM2540G	PERCENT MOISTURE	%	47.7	47.4	64.8	65.7	69.4	61.1	59.2	
SM2540G	SOLIDS, PERCENT	%								
SW7471	MERCURY	mg/kg	0.0218 U	0.0217 U	1.79 J	1.91 J	6.3 J	7.97 J	2.4 J	
SW8082	AROCLOR-1016	ug/kg	16 U	16 U	240 UJ	250 UJ	1400 UJ	220 UJ	21 UJ	
SW8082	AROCLOR-1221	ug/kg	16 U	16 U	240 UJ	250 UJ	1400 UJ	220 UJ	21 UJ	
SW8082	AROCLOR-1232	ug/kg	16 U	16 U	240 UJ	250 UJ	1400 UJ	220 UJ	21 UJ	
SW8082	AROCLOR-1242	ug/kg	16 U	16 U	240 UJ	250 UJ	1400 UJ	220 UJ	21 UJ	
SW8082	AROCLOR-1248	ug/kg	16 U	16 U	820 J	730 J	13000 J	230 J	52 J	
SW8082	AROCLOR-1254	ug/kg	16 U	16 U	400 J	350 J	4900 J	440 J	30 J	
SW8082	AROCLOR-1260	ug/kg	16 U	16 U	170 J	140 J	1300 J	260 J	11 J	
SW8082	AROCLOR-1268	ug/kg	16 U	16 U	240 UJ	250 UJ	1400 UJ	150 J	21 UJ	
SW8082	PCBS, N.O.S.	ug/kg	16 U	16 U	1400 J	1200 J	19000 J	1100 J	92 J	
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	10 U	9 U	15 UJ	14 UJ	17 UJ	590 UJ	570 UJ	
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	10 U	9 U	15 UJ	14 UJ	17 UJ	590 UJ	570 UJ	
SW8260	1,2-DICHLOROBENZENE	ug/kg	10 U	9 U	6 J	5 J	120 J	590 UJ	570 UJ	
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	10 U	9 U	15 UJ	9 J	72 J	590 UJ	570 UJ	
SW8260	1,3-DICHLOROBENZENE	ug/kg	10 U	9 U	6 J	39 J	140 J	590 UJ	570 UJ	
SW8260	1,4-DICHLOROBENZENE	ug/kg	10 U	9 U	23 J	95 J	330 J	590 UJ	570 UJ	
SW8260	BENZENE	ug/kg	10 U	9 U	15 UJ	4 J	28 J	590 UJ	570 UJ	
SW8260	CHLOROBENZENE	ug/kg	10 U	9 U	44 J	150 J	290 J	590 UJ	570 UJ	
SW8260	ETHYLBENZENE	ug/kg	10 U	9 U	15 UJ	14 UJ	15 J	590 UJ	570 UJ	
SW8260	NAPHTHALENE	ug/kg	10 U	9 U	15 UJ	14 UJ	28 J	2600 J	4300 J	
SW8260	O-XYLENE	ug/kg	10 U	9 U	4 J	14 J	68 J	590 UJ	570 UJ	
SW8260	TOLUENE	ug/kg	10 U	9 U	15 UJ	14 UJ	9 J	590 UJ	570 UJ	
SW8260	XYLEMES, M & P	ug/kg	10 U	9 U	4 J	18 J	93 J	590 UJ	570 UJ	
SW8260	XYLEMES, TOTAL	ug/kg	10 U	9 U	7 J	32 J	180 J	590 UJ	570 UJ	
SW8270	ACENAPHTHENE	ug/kg	3.2 U	3.2 U	53 J	98 J	890 J	270 J	4600 J	
SW8270	ACENAPHTHYLENE	ug/kg	3.2 U	3.2 U	29 J	110 J	550 J	120 J	980 J	
SW8270	ANTHRACENE	ug/kg	3.2 U	1.4 J	81 J	220 J	2300 J	330 J	7100 J	
SW8270	BENZO(A)ANTHRACENE	ug/kg	3.2 U	2 J	640 J	850 J	4100 J	500 J	6500 J	
SW8270	BENZO(A)PYRENE	ug/kg	3.2 U	3.2 U	550 J	980 J	3600 J	440 J	4200 J	
SW8270	BENZO(B)FLUORANTHENE	ug/kg	3.2 U	1.8 J	890 J	1300 J	5200 J	500 J	4100 J	
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	3.2 U	3.2 U	390 J	610 J	2300 J	78 J	1900 J	
SW8270	BENZO(K)FLUORANTHENE	ug/kg	3.2 U	3.2 U	220 J	380 J	1500 J	180 J	970 J	
SW8270	CHRYSENE	ug/kg	3.2 U	2.2 J	720 J	1100 J	5400 J	610 J	6200 J	
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	3.2 U	3.2 U	49 J	190 J	760 J	71 J	570 J	
SW8270	FLUORANTHENE	ug/kg	3.2 U	3.2	820 J	1800 J	11000 J	1100 J	12000 J	
SW8270	FLUORENE	ug/kg	3.2 U	3.2 U	65 J	130 J	1900 J	220 J	4400 J	
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	3.2 U	3.2 U	360 J	550 J	2200 J	170 J	1500 J	
SW8270	PHENANTHRENE	ug/kg	3.2 U	4.3	510 J	820 J	11000 J	990 J	21000 J	
SW8270	PHENOL	ug/kg								
SW8270	PYRENE	ug/kg		3.2 U	4.4	620 J	1700 J	9600 J	1100 J	15000 J
SW9045	pH	S.U.		7.46	7.39	7.53 J	7.55 J	7.63 J	7.56 J	7.51 J

TABLE 3
SUMMARY OF VIBRACORE SEDIMENT ANALYTICAL RESULTS

		Location	OL-VC-50074	OL-VC-50074	OL-VC-50074	OL-VC-50074	OL-VC-50074	OL-VC-50075	OL-VC-50075
	Sample Depth	0.00-0.50 Ft	0.50-1.00 Ft	1.00-2.00 Ft	2.00-3.00 Ft	3.00-4.00 Ft	0.00-0.50 Ft	0.50-1.00 Ft	
	Field Sample ID	OL-1025-01	OL-1025-02	OL-1025-03	OL-1025-04	OL-1025-05	OL-1025-06	OL-1025-07	
	Sample Date	9/23/2009	9/23/2009	9/23/2009	9/23/2009	9/23/2009	9/23/2009	9/23/2009	
	Sample Delivery Group	OLS05							
	Matrix	SOIL							
	Sample Purpose	Regular sample							
	Sample Type	Sediment							
Method	Parameter Name	Units							
ASTM D4643-00	SOLIDs, PERCENT	%							
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	8840	7080	13000 J	7260 J	15700 J	11200	17600
SM2540G	PERCENT MOISTURE	%	49.9	49.4	56.9	51	54.1	51	49.3
SM2540G	SOLIDs, PERCENT	%							
SW7471	MERCURY	mg/kg	0.0216 UJ	0.0211 UJ	0.0249 UJ	0.0216 UJ	0.0232 UJ	1.6 J	4.36 J
SW8082	AROCLOR-1016	ug/kg	17 U	17 U	20 UJ	17 UJ	19 UJ	17 U	84 U
SW8082	AROCLOR-1221	ug/kg	17 U	17 U	20 UJ	17 UJ	19 UJ	17 U	84 U
SW8082	AROCLOR-1232	ug/kg	17 U	17 U	20 UJ	17 UJ	19 UJ	17 U	84 U
SW8082	AROCLOR-1242	ug/kg	17 U	17 U	20 UJ	17 UJ	19 UJ	17 U	84 U
SW8082	AROCLOR-1248	ug/kg	17 U	17 U	20 UJ	17 UJ	19 UJ	130	340
SW8082	AROCLOR-1254	ug/kg	17 U	17 U	20 UJ	17 UJ	19 UJ	74	180
SW8082	AROCLOR-1260	ug/kg	17 U	17 U	20 UJ	17 UJ	19 UJ	40	59 J
SW8082	AROCLOR-1268	ug/kg	17 U	17 U	20 UJ	17 UJ	19 UJ	17 U	84 U
SW8082	PCBS, N.O.S.	ug/kg	17 U	17 U	20 UJ	17 UJ	19 UJ	250	580
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	10 U	10 U	12 UJ	10 UJ	11 UJ	11 U	10 U
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	10 U	10 U	12 UJ	10 UJ	11 UJ	11 U	10 U
SW8260	1,2-DICHLOROBENZENE	ug/kg	10 U	10 U	12 UJ	10 UJ	11 UJ	11 U	10 U
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	10 U	10 U	12 UJ	10 UJ	11 UJ	4 J	10 U
SW8260	1,3-DICHLOROBENZENE	ug/kg	10 U	10 U	12 UJ	10 UJ	11 UJ	3 J	10 U
SW8260	1,4-DICHLOROBENZENE	ug/kg	10 U	10 U	12 UJ	10 UJ	11 UJ	6 J	3 J
SW8260	BENZENE	ug/kg	10 U	10 U	12 UJ	10 UJ	11 UJ	11 U	10 U
SW8260	CHLOROBENZENE	ug/kg	10 U	10 U	12 UJ	10 UJ	11 UJ	11 U	10 U
SW8260	ETHYLBENZENE	ug/kg	10 U	10 U	12 UJ	10 UJ	11 UJ	11 U	10 U
SW8260	NAPHTHALENE	ug/kg	10 U	10 U	12 UJ	10 UJ	11 UJ	11 U	10 U
SW8260	O-XYLENE	ug/kg	10 U	10 U	12 UJ	10 UJ	11 UJ	11 U	10 U
SW8260	TOLUENE	ug/kg	10 U	10 U	12 UJ	10 UJ	11 UJ	11 U	10 U
SW8260	XYLEMES, M & P	ug/kg	10 U	10 U	12 UJ	10 UJ	11 UJ	11 U	10 U
SW8260	XYLEMES, TOTAL	ug/kg	10 U	10 U	12 UJ	10 UJ	11 UJ	11 U	10 U
SW8270	ACENAPHTHENE	ug/kg	33 U	3.3 U	39 UJ	3.4 UJ	3.6 UJ	34 U	33 U
SW8270	ACENAPHTHYLENE	ug/kg	33 U	3.3 U	39 UJ	3.4 UJ	3.6 UJ	34 U	11 J
SW8270	ANTHRACENE	ug/kg	33 U	3.3 U	39 UJ	3.4 UJ	3.6 UJ	11 J	23 J
SW8270	BENZO(A)ANTHRACENE	ug/kg	33 U	3.3 U	39 UJ	3.4 UJ	3.6 UJ	32 J	82
SW8270	BENZO(A)PYRENE	ug/kg	33 U	3.3 U	39 UJ	3.4 UJ	3.6 UJ	44	79
SW8270	BENZO(B)FLUORANTHENE	ug/kg	17 J	3.3 U	39 UJ	3.4 UJ	3.6 UJ	83	140
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	33 U	3.3 U	39 UJ	3.4 UJ	3.6 UJ	35	52
SW8270	BENZO(K)FLUORANTHENE	ug/kg	33 U	3.3 U	39 UJ	3.4 UJ	3.6 UJ	27 J	66
SW8270	CHRYSENE	ug/kg	13 J	1.1 J	39 UJ	3.4 UJ	3.6 UJ	61	130
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	33 U	3.3 U	39 UJ	3.4 UJ	3.6 UJ	34 U	15 J
SW8270	FLUORANTHENE	ug/kg	24 J	2.1 J	39 UJ	3.4 UJ	3.6 UJ	110	220
SW8270	FLUORENE	ug/kg	33 U	3.3 U	39 UJ	3.4 UJ	3.6 UJ	34 U	33 U
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	33 U	3.3 U	39 UJ	3.4 UJ	3.6 UJ	28 J	51
SW8270	PHENANTHRENE	ug/kg	33 U	3.3 U	39 UJ	3.4 UJ	3.6 UJ	37	83
SW8270	PHENOL	ug/kg	130 U	13 U	150 UJ	24 J	18 J	140 U	130 U
SW8270	PYRENE	ug/kg	17 J	1.6 J	39 UJ	3.4 UJ	3.6 UJ	120	260
SW9045	pH	S.U.	7.68	7.98	7.8 J	7.87 J	7.74 J	7.7	7.75

TABLE 3
SUMMARY OF VIBRACORE SEDIMENT ANALYTICAL RESULTS

		Location	OL-VC-50075	OL-VC-50075	OL-VC-50075	OL-VC-50075	OL-VC-60229	OL-VC-60229	OL-VC-60229
		Sample Depth	1.00-2.00 Ft	1.00-2.00 Ft	2.00-3.00 Ft	3.00-3.70 Ft	0-1 Ft	1-2 Ft	2-3 Ft
		Field Sample ID	OL-1025-08	OL-1025-09	OL-1025-10	OL-1025-11	OL-0854-10	OL-0854-11	OL-0854-12
		Sample Date	9/23/2009	9/23/2009	9/23/2009	9/23/2009	7/30/2009	7/30/2009	7/30/2009
		Sample Delivery Group	OLS05	OLS05	OLS05	OLS05	JA24410	JA24410	JA24410
		Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
		Sample Purpose	Regular sample	Field duplicate	Regular sample				
		Sample Type	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment
Method	Parameter Name	Units							
ASTM D4643-00	SOLIDS, PERCENT	%					60.5	55	55.3
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	15000 J	13200 J	11700	13900	55900	31300	12300
SM2540G	PERCENT MOISTURE	%	51.2	50.5	46	48.4			
SM2540G	SOLIDS, PERCENT	%							
SW7471	MERCURY	mg/kg	0.291 J	0.243 J	0.254 J	0.0663 J	0.52	0.34	0.022 U
SW8082	AROCLOR-1016	ug/kg	17 UJ	17 UJ	16 U	16 U	5.4 U	5.9 U	5.9 U
SW8082	AROCLOR-1221	ug/kg	17 UJ	17 UJ	16 U	16 U	5.4 U	5.9 U	5.9 U
SW8082	AROCLOR-1232	ug/kg	17 UJ	17 UJ	16 U	16 U	5.4 U	5.9 U	5.9 U
SW8082	AROCLOR-1242	ug/kg	17 UJ	17 UJ	16 U	16 U	5.4 U	5.9 U	5.9 U
SW8082	AROCLOR-1248	ug/kg	12 J	17 J	16 U	16 U	5.4 U	5.9 U	5.9 U
SW8082	AROCLOR-1254	ug/kg	12 J	19 J	16 U	16 U	5.4 U	5.9 U	5.9 U
SW8082	AROCLOR-1260	ug/kg	8.6 J	12 J	16 U	16 U	5.4 U	5.9 U	5.9 U
SW8082	AROCLOR-1268	ug/kg	17 UJ	17 UJ	16 U	16 U	5.4 U	5.9 U	5.9 U
SW8082	PCBS, N.O.S.	ug/kg	34 J	48 J	16 U	16 U	5.4 U	5.9 U	5.9 U
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	10 UJ	9 UJ	10 U	10 U	8.4 U	9.3 U	9.2 U
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	10 UJ	9 UJ	10 U	10 U	8.4 U	9.3 U	9.2 U
SW8260	1,2-DICHLOROBENZENE	ug/kg	10 UJ	9 UJ	10 U	10 U	8.4 U	9.3 U	9.2 U
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	10 UJ	9 UJ	10 U	10 U	8.4 U	9.3 U	9.2 U
SW8260	1,3-DICHLOROBENZENE	ug/kg	10 UJ	9 UJ	10 U	10 U	8.4 U	9.3 U	9.2 U
SW8260	1,4-DICHLOROBENZENE	ug/kg	10 UJ	9 UJ	10 U	10 U	8.4 U	9.3 U	9.2 U
SW8260	BENZENE	ug/kg	10 UJ	9 UJ	10 U	10 U	0.68 J	1.8 J	1.8 U
SW8260	CHLOROBENZENE	ug/kg	10 UJ	9 UJ	10 U	10 U	8.4 U	9.3 U	9.2 U
SW8260	ETHYLBENZENE	ug/kg	10 UJ	9 UJ	10 U	10 U	7.2	50.4	1.8 U
SW8260	NAPHTHALENE	ug/kg	10 UJ	9 UJ	10 U	10 U	77.3	317	3.5 J
SW8260	O-XYLENE	ug/kg	10 UJ	9 UJ	10 U	10 U	4.5	22.1	1.1 J
SW8260	TOLUENE	ug/kg	10 UJ	9 UJ	10 U	10 U	2.6	12.7	1.8 U
SW8260	XYLENES, M & P	ug/kg	10 UJ	9 UJ	10 U	10 U	4.4	28.8	3.7 U
SW8260	XYLENES, TOTAL	ug/kg	10 UJ	9 UJ	10 U	10 U	8.9	50.9	1.4 J
SW8270	ACENAPHTHENE	ug/kg	34 UJ	34 UJ	31 UJ	2.3 J	537	1020	5.1 U
SW8270	ACENAPHTHYLENE	ug/kg	11 J	14 J	20 J	4 J	292	339	5.1 U
SW8270	ANTHRACENE	ug/kg	29 J	68 J	55 J	9.9	619	1120	5.1 U
SW8270	BENZO(A)ANTHRACENE	ug/kg	80 J	170 J	150 J	48	752	986	9.56 J
SW8270	BENZO(A)PYRENE	ug/kg	95 J	140 J	130 J	49	677	823 J	5.1 U
SW8270	BENZO(B)FLUORANTHENE	ug/kg	130 J	180 J	180 J	66	338	563	5.1 U
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	46 J	69 J	100 J	32	358	430 J	5.1 U
SW8270	BENZO(K)FLUORANTHENE	ug/kg	69 J	120 J	58 J	26	467	507	5.1 U
SW8270	CHRYSENE	ug/kg	96 J	210 J	190 J	49	832	1050	3.83 J
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	17 J	17 J	31 J	6.9	107	237 J	5.1 U
SW8270	FLUORANTHENE	ug/kg	210 J	240 J	410 J	100	1140	1560	8.46
SW8270	FLUORENE	ug/kg	34 UJ	34 UJ	31 UJ	3.2 J	399 J	214 J	5.1 U
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	53 J	69 J	87 J	27	293	377 J	5.1 U
SW8270	PHENANTHRENE	ug/kg	53 J	85 J	53 J	16	1420 J	3030 J	21.6 J
SW8270	PHENOL	ug/kg	140 UJ	130 UJ	120 UJ	20			
SW8270	PYRENE	ug/kg	270 J	310 J	410 J	130	1920	2240	11.9
SW9045	pH	S.U.	7.65 J	7.63 J	7.6	7.49	7.95	7.76	7.16

TABLE 3
SUMMARY OF VIBRACORE SEDIMENT ANALYTICAL RESULTS

		Location	OL-VC-60229
		Sample Depth	3-4 Ft
		Field Sample ID	OL-0854-13
		Sample Date	7/30/2009
		Sample Delivery Group	JA24410
		Matrix	SOIL
		Sample Purpose	Regular sample
		Sample Type	Sediment
Method	Parameter Name	Units	
ASTM D4643-00	SOLIDs, PERCENT	%	
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	9640
SM2540G	PERCENT MOISTURE	%	
SM2540G	SOLIDs, PERCENT	%	51.8
SW7471	MERCURY	mg/kg	0.022 U
SW8082	AROCLOR-1016	ug/kg	6.4 U
SW8082	AROCLOR-1221	ug/kg	6.4 U
SW8082	AROCLOR-1232	ug/kg	6.4 U
SW8082	AROCLOR-1242	ug/kg	6.4 U
SW8082	AROCLOR-1248	ug/kg	6.4 U
SW8082	AROCLOR-1254	ug/kg	6.4 U
SW8082	AROCLOR-1260	ug/kg	6.4 U
SW8082	AROCLOR-1268	ug/kg	6.4 U
SW8082	PCBS, N.O.S.	ug/kg	6.4 U
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	9.1 U
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	9.1 U
SW8260	1,2-DICHLOROBENZENE	ug/kg	9.1 U
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	9.1 U
SW8260	1,3-DICHLOROBENZENE	ug/kg	9.1 U
SW8260	1,4-DICHLOROBENZENE	ug/kg	9.1 U
SW8260	BENZENE	ug/kg	1.8 U
SW8260	CHLOROBENZENE	ug/kg	9.1 U
SW8260	ETHYLBENZENE	ug/kg	1.8 U
SW8260	NAPHTHALENE	ug/kg	9.1 U
SW8260	O-XYLENE	ug/kg	1.8 U
SW8260	TOLUENE	ug/kg	1.8 U
SW8260	XYLENES, M & P	ug/kg	3.6 U
SW8260	XYLENES, TOTAL	ug/kg	3.6 U
SW8270	ACENAPHTHENE	ug/kg	5.5 U
SW8270	ACENAPHTHYLENE	ug/kg	5.5 U
SW8270	ANTHRACENE	ug/kg	5.5 U
SW8270	BENZO(A)ANTHRACENE	ug/kg	5.5 U
SW8270	BENZO(A)PYRENE	ug/kg	5.5 U
SW8270	BENZO(B)FLUORANTHENE	ug/kg	5.5 U
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	5.5 U
SW8270	BENZO(K)FLUORANTHENE	ug/kg	5.5 U
SW8270	CHRYSENE	ug/kg	5.5 U
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	5.5 U
SW8270	FLUORANTHENE	ug/kg	5.5 U
SW8270	FLUORENE	ug/kg	5.5 U
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	5.5 U
SW8270	PHENANTHRENE	ug/kg	5.5 U
SW8270	PHENOL	ug/kg	
SW8270	PYRENE	ug/kg	5.5 U
SW9045	pH	S.U.	7.08

TABLE 3
SUMMARY OF VIBRACORE SEDIMENT ANALYTICAL RESULTS

		Location	OL-VC-60229	OL-VC-60229	OL-VC-60230	OL-VC-60230	OL-VC-60230	OL-VC-60230	OL-VC-60230	
	Sample Depth	4-5 Ft	5-6 Ft	0-1 Ft	0-1 Ft	1-2 Ft	2-3 Ft	3-4 Ft		
	Field Sample ID	OL-0854-14	OL-0854-15	OL-0853-04	OL-0853-05	OL-0853-06	OL-0853-07	OL-0853-08		
	Sample Date	7/30/2009	7/30/2009	7/30/2009	7/30/2009	7/30/2009	7/30/2009	7/30/2009		
	Sample Delivery Group	JA24410	JA24410	JA24412	JA24412	JA24412	JA24412	JA24412		
	Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL		
	Sample Purpose	Regular sample	Regular sample	Regular sample	Field duplicate	Regular sample	Regular sample	Regular sample		
	Sample Type	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment		
Method	Parameter Name	Units								
ASTM D4643-00	SOLIDS, PERCENT	%	58.6	53.9	71.9	71.3	65.2	73	50.9	
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	9640	9280	21300 J	169000 J	31000	4920	16100	
SM2540G	PERCENT MOISTURE	%								
SM2540G	SOLIDS, PERCENT	%								
SW7471	MERCURY	mg/kg	0.02 U	0.024 U	0.084	0.076	0.19	0.55	0.026 U	
SW8082	AROCLOR-1016	ug/kg	5.5 U	6.2 U	4.6 U	4.6 U	5 U	4.5 U	6.5 U	
SW8082	AROCLOR-1221	ug/kg	5.5 U	6.2 U	4.6 U	4.6 U	5 U	4.5 U	6.5 U	
SW8082	AROCLOR-1232	ug/kg	5.5 U	6.2 U	4.6 U	4.6 U	5 U	4.5 U	6.5 U	
SW8082	AROCLOR-1242	ug/kg	5.5 U	6.2 U	4.6 U	4.6 U	5 U	4.5 U	6.5 U	
SW8082	AROCLOR-1248	ug/kg	5.5 U	6.2 U	47.7	40.3	5 U	4.5 U	6.5 U	
SW8082	AROCLOR-1254	ug/kg	5.5 U	6.2 U	31.8	32.9	5 U	4.5 U	6.5 U	
SW8082	AROCLOR-1260	ug/kg	5.5 U	6.2 U	15.1 J	11.5 J	5 U	4.5 U	6.5 U	
SW8082	AROCLOR-1268	ug/kg	5.5 U	6.2 U	4.6 U	4.6 U	5 U	4.5 U	6.5 U	
SW8082	PCBS, N.O.S.	ug/kg	5.5 U	6.2 U	94.6	84.7	5 U	4.5 U	6.5 U	
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	8.4 U	8.6 U	6.8 U	7.3 U	7.8 U	6.7 U	10 U	
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	8.4 U	8.6 U	6.8 U	7.3 U	7.8 U	6.7 U	10 U	
SW8260	1,2-DICHLOROBENZENE	ug/kg	8.4 U	8.6 U	6.8 U	7.3 U	0.75 J	6.7 U	10 U	
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	8.4 U	8.6 U	6.8 U	7.3 U	7.8 U	6.7 U	10 U	
SW8260	1,3-DICHLOROBENZENE	ug/kg	8.4 U	8.6 U	6.8 U	7.3 U	7.8 U	6.7 U	10 U	
SW8260	1,4-DICHLOROBENZENE	ug/kg	8.4 U	8.6 U	6.8 U	7.3 U	0.82 J	6.7 U	10 U	
SW8260	BENZENE	ug/kg	1.7 U	1.7 U	1.4 U	1.5 U	4	1.3 U	2 U	
SW8260	CHLOROBENZENE	ug/kg	8.4 U	8.6 U	6.8 U	7.3 U	7.8 U	6.7 U	10 U	
SW8260	ETHYLBENZENE	ug/kg	1.7 U	1.7 U	1.4 U	1.5 U	70	4	2 U	
SW8260	NAPHTHALENE	ug/kg	8.4 U	8.6 U	6.8 U	7.3 U	4140	48.6	6.7 J	
SW8260	O-XYLENE	ug/kg	1.7 U	1.7 U	1.4 U	1.5 U	44.1	3.8	2 U	
SW8260	TOLUENE	ug/kg	1.7 U	1.7 U	1.4 U	1.5 U	20.1	1.3 U	2 U	
SW8260	XYLEMES, M & P	ug/kg	3.3 U	3.4 U	2.7 U	2.9 U	43.9	3.7	4.1 U	
SW8260	XYLEMES, TOTAL	ug/kg	3.3 U	3.4 U	2.7 U	2.9 U	88	7.5	4.1 U	
SW8270	ACENAPHTHENE	ug/kg	4.9 U	5.3 U	174	173	989	44.6	5.6 U	
SW8270	ACENAPHTHYLENE	ug/kg	4.9 U	5.3 U	162	208	470	50	5.6 U	
SW8270	ANTHRACENE	ug/kg	4.9 U	5.3 U	442	468	1050	238	5.6 U	
SW8270	BENZO(A)ANTHRACENE	ug/kg	4.9 U	5.3 U	1270 J	1380 J	1180 J	737 J	5.6 U	
SW8270	BENZO(A)PYRENE	ug/kg	4.9 U	5.3 U	1160	1140	940	491	5.6 U	
SW8270	BENZO(B)FLUORANTHENE	ug/kg	4.9 U	5.3 U	963	1020	671	312	5.6 U	
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	4.9 U	5.3 U	625	550	415	165	5.6 U	
SW8270	BENZO(K)FLUORANTHENE	ug/kg	4.9 U	5.3 U	914	819	523	380	5.6 U	
SW8270	CHRYSENE	ug/kg	4.9 U	5.3 U	1310	1400	1210	619	5.6 U	
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	4.9 U	5.3 U	227	223	171	88.7	5.6 U	
SW8270	FLUORANTHENE	ug/kg	4.9 U	5.3 U	2890	3180	2140	1010	11.6	
SW8270	FLUORENE	ug/kg	4.9 U	5.3 U	190	219	764	45.1	5.6 U	
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	4.9 U	5.3 U	616	560	405	180	5.6 U	
SW8270	PHENANTHRENE	ug/kg	4.9 U	5.3 U	1570 J	1730 J	2780 J	250 J	13.8 J	
SW8270	PHENOL	ug/kg								
SW8270	PYRENE	ug/kg		4.9 U	5.3 U	2370	2600	2410	790	11.4
SW9045	pH	S.U.		6.93	7.03	7.72	7.72	7.55	7.54	6.86

TABLE 3
SUMMARY OF VIBRACORE SEDIMENT ANALYTICAL RESULTS

		Location	OL-VC-60230	OL-VC-60231	OL-VC-60231	OL-VC-60231
	Sample Depth		4-4.8 Ft	0-1 Ft	1-2 Ft	2-3 Ft
	Field Sample ID		OL-0853-09	OL-0852-16	OL-0852-17	OL-0852-18
	Sample Date		7/30/2009	7/30/2009	7/30/2009	7/30/2009
	Sample Delivery Group		JA24412	JA24411	JA24411	JA24411
	Matrix	SOIL	SOIL	SOIL	SOIL	SOIL
	Sample Purpose	Regular sample				
	Sample Type	Sediment	Sediment	Sediment	Sediment	Sediment
Method	Parameter Name	Units				
ASTM D4643-00	SOLIDS, PERCENT	%	57.7	77.1	60.9	63
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	22200	24100	76200	21100
SM2540G	PERCENT MOISTURE	%				
SM2540G	SOLIDS, PERCENT	%				
SW7471	MERCURY	mg/kg	0.02 U	0.68 J	0.66	0.3
SW8082	AROCLOR-1016	ug/kg	5.7 U	4.2 U	5.4 U	5.3 U
SW8082	AROCLOR-1221	ug/kg	5.7 U	4.2 U	5.4 U	5.3 U
SW8082	AROCLOR-1232	ug/kg	5.7 U	4.2 U	5.4 U	5.3 U
SW8082	AROCLOR-1242	ug/kg	5.7 U	4.2 U	5.4 U	5.3 U
SW8082	AROCLOR-1248	ug/kg	5.7 U	4.2 U	5.4 U	5.3 U
SW8082	AROCLOR-1254	ug/kg	5.7 U	25.3 J	5.4 U	5.3 U
SW8082	AROCLOR-1260	ug/kg	5.7 U	12.5 J	5.4 U	5.3 U
SW8082	AROCLOR-1268	ug/kg	5.7 U	4.2 U	5.4 U	5.3 U
SW8082	PCBS, N.O.S.	ug/kg	5.7 U	37.8 J	5.4 U	5.3 U
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	8.5 U	15 U	20 U	7.6 U
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	8.5 U	15 U	20 U	7.6 U
SW8260	1,2-DICHLOROBENZENE	ug/kg	8.5 U	15 U	20 U	7.6 U
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	8.5 U	15 U	20 U	7.6 U
SW8260	1,3-DICHLOROBENZENE	ug/kg	8.5 U	15 U	20 U	7.6 U
SW8260	1,4-DICHLOROBENZENE	ug/kg	8.5 U	15 U	20 U	7.6 U
SW8260	BENZENE	ug/kg	1.7 U	1.2 J	1.4 J	1.5 U
SW8260	CHLOROBENZENE	ug/kg	8.5 U	15 U	20 U	7.6 U
SW8260	ETHYLBENZENE	ug/kg	1.7 U	1.9 J	2.2 J	1.5 U
SW8260	NAPHTHALENE	ug/kg	8.5 U	45.7	31.6	7.6 U
SW8260	O-XYLENE	ug/kg	1.7 U	6.4	7.5	1.5 U
SW8260	TOLUENE	ug/kg	1.7 U	1.8 J	2.1 J	1.5 U
SW8260	XYLENES, M & P	ug/kg	3.4 U	8.7	7.5 J	3.1 U
SW8260	XYLENES, TOTAL	ug/kg	3.4 U	15.1	15	3.1 U
SW8270	ACENAPHTHENE	ug/kg	5 U	2190	7290	102
SW8270	ACENAPHTHYLENE	ug/kg	5 U	791	1800	34.8 J
SW8270	ANTHRACENE	ug/kg	5 U	2560	6680	308
SW8270	BENZO(A)ANTHRACENE	ug/kg	5 U	2220 J	4230	451
SW8270	BENZO(A)PYRENE	ug/kg	5 U	1750 J	3220	331
SW8270	BENZO(B)FLUORANTHENE	ug/kg	5 U	1200 J	2040	238
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	5 U	856 J	1460	138
SW8270	BENZO(K)FLUORANTHENE	ug/kg	5 U	1280 J	1930	304
SW8270	CHRYSENE	ug/kg	5 U	2580 J	5060	486
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	5 U	332 J	584	62.6
SW8270	FLUORANTHENE	ug/kg		9.04	3410	6490
SW8270	FLUORENE	ug/kg		5 U	121 J	4270 J
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg		5 U	832 J	1390
SW8270	PHENANTHRENE	ug/kg		21.7 J	2600	19200
SW8270	PHENOL	ug/kg				590
SW8270	PYRENE	ug/kg		11.9	4930 J	10500 J
SW9045	pH	S.U.		6.81	7.68	7.45

TABLE 3
SUMMARY OF VIBRACORE SEDIMENT ANALYTICAL RESULTS

		Location	OL-VC-60231	OL-VC-60231	OL-VC-60231	OL-VC-60231	OL-VC-60231	OL-VC-60231A	OL-VC-60231A
	Sample Depth	3-4 Ft		4-5 Ft	5-6 Ft	6-7 Ft	7-7.5 Ft	0-1 Ft	1-2 Ft
	Field Sample ID	OL-0852-19		OL-0852-20	OL-0853-01	OL-0853-02	OL-0853-03	OL-0862-08	OL-0862-09
	Sample Date	7/30/2009		7/30/2009	7/30/2009	7/30/2009	7/30/2009	8/4/2009	8/4/2009
	Sample Delivery Group	JA24411		JA24411	JA24412	JA24412	JA24412	JA24769	JA24769
	Matrix	SOIL		SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	Sample Purpose	Regular sample		Regular sample					
	Sample Type	Sediment		Sediment	Sediment	Sediment	Sediment	Sediment	Sediment
Method	Parameter Name	Units							
ASTM D4643-00	SOLIDS, PERCENT	%	78.4	70.1	66.2	64.2	69.8		
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	6770	16500	11700	11800	16300	26800	14700
SM2540G	PERCENT MOISTURE	%							
SM2540G	SOLIDS, PERCENT	%						64.8	62
SW7471	MERCURY	mg/kg	0.029 J	0.018 U	0.019 U	0.023 J	0.018 U	0.9	0.29
SW8082	AROCLOR-1016	ug/kg	4.2 U	4.7 U	4.9 U	5.1 U	4.7 U	5.1 U	5.3 U
SW8082	AROCLOR-1221	ug/kg	4.2 U	4.7 U	4.9 U	5.1 U	4.7 U	5.1 U	5.3 U
SW8082	AROCLOR-1232	ug/kg	4.2 U	4.7 U	4.9 U	5.1 U	4.7 U	5.1 U	5.3 U
SW8082	AROCLOR-1242	ug/kg	4.2 U	4.7 U	4.9 U	5.1 U	4.7 U	5.1 U	5.3 U
SW8082	AROCLOR-1248	ug/kg	4.2 U	4.7 U	4.9 U	5.1 U	4.7 U	5.1 U	5.3 U
SW8082	AROCLOR-1254	ug/kg	4.2 U	4.7 U	4.9 U	5.1 U	4.7 U	5.1 U	5.3 U
SW8082	AROCLOR-1260	ug/kg	4.2 U	4.7 U	4.9 U	5.1 U	4.7 U	5.1 U	5.3 U
SW8082	AROCLOR-1268	ug/kg	4.2 U	4.7 U	4.9 U	5.1 U	4.7 U	5.1 U	5.3 U
SW8082	PCBS, N.O.S.	ug/kg	4.2 U	4.7 U	4.9 U	5.1 U	4.7 U	5.1 U	5.3 U
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	6.3 U	6.9 U	7.9 U	8.1 U	7.5 U	7.4 U	8.2 U
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	6.3 U	6.9 U	7.9 U	8.1 U	7.5 U	7.4 U	8.2 U
SW8260	1,2-DICHLOROBENZENE	ug/kg	6.3 U	6.9 U	7.9 U	8.1 U	7.5 U	7.4 U	8.2 U
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	6.3 U	6.9 U	7.9 U	8.1 U	7.5 U	7.4 U	8.2 U
SW8260	1,3-DICHLOROBENZENE	ug/kg	6.3 U	6.9 U	7.9 U	8.1 U	7.5 U	7.4 U	8.2 U
SW8260	1,4-DICHLOROBENZENE	ug/kg	6.3 U	6.9 U	7.9 U	8.1 U	7.5 U	7.4 U	8.2 U
SW8260	BENZENE	ug/kg	1.3 U	1.4 U	1.6 U	1.6 U	1.5 U	0.58 J	1.6 U
SW8260	CHLOROBENZENE	ug/kg	6.3 U	6.9 U	7.9 U	8.1 U	7.5 U	7.4 U	8.2 U
SW8260	ETHYLBENZENE	ug/kg	1.3 U	1.4 U	1.6 U	1.6 U	1.5 U	1.5 U	1.6 U
SW8260	NAPHTHALENE	ug/kg	6.3 U	6.9 U	7.9 U	8.1 U	7.5 U	5.6 J	8.2 U
SW8260	O-XYLENE	ug/kg	1.3 U	1.4 U	1.6 U	1.6 U	1.5 U	1.7	0.77 J
SW8260	TOLUENE	ug/kg	1.3 U	1.4 U	1.6 U	1.6 U	1.5 U	1.5 U	0.59 J
SW8260	XYLEMES, M & P	ug/kg	2.5 U	2.7 U	3.1 U	3.2 U	3 U	4	3.3 U
SW8260	XYLEMES, TOTAL	ug/kg	2.5 U	2.7 U	3.1 U	3.2 U	3 U	5.7	0.77 J
SW8270	ACENAPHTHENE	ug/kg	41.3	23.4 J	4.3 U	4.5 U	80.5	2060	210
SW8270	ACENAPHTHYLENE	ug/kg	36 U	41 U	4.3 U	4.5 U	26	950	70.4
SW8270	ANTHRACENE	ug/kg	187	181	4.3 U	4.5 U	101	1750	305
SW8270	BENZO(A)ANTHRACENE	ug/kg	327	253	9.46 J	4.5 U	139 J	3380	536
SW8270	BENZO(A)PYRENE	ug/kg	276	208	4.3 U	4.5 U	74.8	2910	404
SW8270	BENZO(B)FLUORANTHENE	ug/kg	211	125	4.3 U	4.5 U	116	2660	248
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	105	84	4.3 U	4.5 U	44.7	1240	161
SW8270	BENZO(K)FLUORANTHENE	ug/kg	200	195	4.3 U	4.5 U	26.4	1480	327
SW8270	CHRYSENE	ug/kg	313	237	3.62 J	4.5 U	78.9	3430	470
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	42.2	35.8 J	4.3 U	4.5 U	12.1	494	68.7
SW8270	FLUORANTHENE	ug/kg	490	408	8.01	4.5 U	171	6260	866
SW8270	FLUORENE	ug/kg	64.5 J	69.7 U	4.3 U	4.5 U	42.8	399	109
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	123	93.1	4.3 U	4.5 U	38.9	1270	169
SW8270	PHENANTHRENENE	ug/kg	318	332	12 J	4.5 U	225 J	2640	616
SW8270	PHENOL	ug/kg							
SW8270	PYRENE	ug/kg	514 J	421 J	8.84	4.5 U	184	6700	829
SW9045	pH	S.U.	7.52	7.64	7.45	7.4	7.29	7.54	7.5

TABLE 3
SUMMARY OF VIBRACORE SEDIMENT ANALYTICAL RESULTS

		Location	OL-VC-60231A	OL-VC-60231A	OL-VC-60231A	OL-VC-60231A
	Sample Depth	1-2 Ft	2-3 Ft	3-4 Ft	4-5 Ft	
	Field Sample ID	OL-0862-10	OL-0862-11	OL-0862-12	OL-0862-13	
	Sample Date	8/4/2009	8/4/2009	8/4/2009	8/4/2009	
	Sample Delivery Group	JA24769	JA24769	JA24769	JA24769	
	Matrix	SOIL	SOIL	SOIL	SOIL	
	Sample Purpose	Field duplicate	Regular sample	Regular sample	Regular sample	
	Sample Type	Sediment	Sediment	Sediment	Sediment	
Method	Parameter Name	Units				
ASTM D4643-00	SOLIDS, PERCENT	%				
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	15000	17800	9180	13300
SM2540G	PERCENT MOISTURE	%				
SM2540G	SOLIDS, PERCENT	%	66.6	62.5	80.3	58.7
SW7471	MERCURY	mg/kg	0.18	0.13	0.073	0.022 U
SW8082	AROCLOR-1016	ug/kg	5 U	5.3 U	4.1 U	5.6 U
SW8082	AROCLOR-1221	ug/kg	5 U	5.3 U	4.1 U	5.6 U
SW8082	AROCLOR-1232	ug/kg	5 U	5.3 U	4.1 U	5.6 U
SW8082	AROCLOR-1242	ug/kg	5 U	5.3 U	4.1 U	5.6 U
SW8082	AROCLOR-1248	ug/kg	5 U	5.3 U	4.1 U	5.6 U
SW8082	AROCLOR-1254	ug/kg	5 U	5.3 U	4.1 U	5.6 U
SW8082	AROCLOR-1260	ug/kg	5 U	5.3 U	4.1 U	5.6 U
SW8082	AROCLOR-1268	ug/kg	5 U	5.3 U	4.1 U	5.6 U
SW8082	PCBS, N.O.S.	ug/kg	5 U	5.3 U	4.1 U	5.6 U
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	7.4 U	7.7 U	6.4 U	8.9 U
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	7.4 U	7.7 U	6.4 U	8.9 U
SW8260	1,2-DICHLOROBENZENE	ug/kg	7.4 U	7.7 U	6.4 U	8.9 U
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	7.4 U	7.7 U	6.4 U	8.9 U
SW8260	1,3-DICHLOROBENZENE	ug/kg	7.4 U	7.7 U	6.4 U	8.9 U
SW8260	1,4-DICHLOROBENZENE	ug/kg	7.4 U	7.7 U	6.4 U	8.9 U
SW8260	BENZENE	ug/kg	1.5 U	1.5 U	1.3 U	1.8 U
SW8260	CHLOROBENZENE	ug/kg	7.4 U	7.7 U	6.4 U	8.9 U
SW8260	ETHYLBENZENE	ug/kg	1.5 U	1.5 U	1.3 U	1.8 U
SW8260	NAPHTHALENE	ug/kg	4.4 J	1.5 J	6.4 U	8.9 U
SW8260	O-XYLENE	ug/kg	1.3 J	1.5 U	1.3 U	1.8 U
SW8260	TOLUENE	ug/kg	1.5 U	1.5 U	1.3 U	1.8 U
SW8260	XYLENES, M & P	ug/kg	2 J	3.1 U	2.5 U	3.5 U
SW8260	XYLENES, TOTAL	ug/kg	3.3 J	3.1 U	2.5 U	3.5 U
SW8270	ACENAPHTHENE	ug/kg	319	135	44.2	4.9 U
SW8270	ACENAPHTHYLENE	ug/kg	59.8	46.2	39.5	4.9 U
SW8270	ANTHRACENE	ug/kg	335	381	366	6.62
SW8270	BENZO(A)ANTHRACENE	ug/kg	628	600	737	14.8
SW8270	BENZO(A)PYRENE	ug/kg	449	483	546	8
SW8270	BENZO(B)FLUORANTHENE	ug/kg	317	370	447	10.3
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	153	201	200	4.9 U
SW8270	BENZO(K)FLUORANTHENE	ug/kg	329	326	365	3.66 J
SW8270	CHRYSENE	ug/kg	533	516	619	9.46
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	71.3	81.5	94.3	4.9 U
SW8270	FLUORANTHENE	ug/kg	903	1040	1230	20.7
SW8270	FLUORENE	ug/kg	150	142	102	4.9 U
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	174	214	227	4.9 U
SW8270	PHENANTHRENE	ug/kg	664	646	578	15.7
SW8270	PHENOL	ug/kg				
SW8270	PYRENE	ug/kg	817	868	1060	20.8
SW9045	pH	S.U.	7.46	7.36	7.54	7.5

TABLE 3
SUMMARY OF VIBRACORE SEDIMENT ANALYTICAL RESULTS

		Location	OL-VC-60231A	OL-VC-60231A	OL-VC-60231A	OL-VC-60231A	OL-VC-60231A	OL-VC-60231A	OL-VC-60231A	OL-VC-60232
	Sample Depth	5-6 Ft	6-7 Ft	7-8 Ft	8-9 Ft	9-10 Ft	10-10.8 Ft		0-1 Ft	
	Field Sample ID	OL-0862-14	OL-0862-15	OL-0862-16	OL-0862-17	OL-0862-18	OL-0862-19		OL-0852-01	
	Sample Date	8/4/2009	8/4/2009	8/4/2009	8/4/2009	8/4/2009	8/4/2009		7/30/2009	
	Sample Delivery Group	JA24769	JA24769	JA24769	JA24769	JA24769	JA24769		JA24411	
	Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL		SOIL	
	Sample Purpose	Regular sample		Regular sample						
	Sample Type	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment		Sediment	
Method	Parameter Name	Units								
ASTM D4643-00	SOLIDS, PERCENT	%								67.7
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	11500	20700	12000	12600	12100	12000	60600	
SM2540G	PERCENT MOISTURE	%								
SM2540G	SOLIDS, PERCENT	%	63.3	59.4	63.3	65.3	64.5	63.1		
SW7471	MERCURY	mg/kg	0.019 U	0.022 U	0.02 U	0.02 U	0.019 U	0.018 U	0.067	
SW8082	AROCLOR-1016	ug/kg	5.3 U	5.6 U	5.3 U	5.1 U	5.1 U	5.2 U	4.9 U	
SW8082	AROCLOR-1221	ug/kg	5.3 U	5.6 U	5.3 U	5.1 U	5.1 U	5.2 U	4.9 U	
SW8082	AROCLOR-1232	ug/kg	5.3 U	5.6 U	5.3 U	5.1 U	5.1 U	5.2 U	4.9 U	
SW8082	AROCLOR-1242	ug/kg	5.3 U	5.6 U	5.3 U	5.1 U	5.1 U	5.2 U	4.9 U	
SW8082	AROCLOR-1248	ug/kg	5.3 U	5.6 U	5.3 U	5.1 U	5.1 U	5.2 U	15.4 J	
SW8082	AROCLOR-1254	ug/kg	5.3 U	5.6 U	5.3 U	5.1 U	5.1 U	5.2 U	28.1 J	
SW8082	AROCLOR-1260	ug/kg	5.3 U	5.6 U	5.3 U	5.1 U	5.1 U	5.2 U	4.9 U	
SW8082	AROCLOR-1268	ug/kg	5.3 U	5.6 U	5.3 U	5.1 U	5.1 U	5.2 U	32.6 J	
SW8082	PCBS, N.O.S.	ug/kg	5.3 U	5.6 U	5.3 U	5.1 U	5.1 U	5.2 U	76.1 J	
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	7.6 U	8.3 U	8.8 U	7.5 U	7.5 U	7.6 U	7.5 U	
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	7.6 U	8.3 U	8.8 U	7.5 U	7.5 U	7.6 U	7.5 U	
SW8260	1,2-DICHLOROBENZENE	ug/kg	7.6 U	8.3 U	8.8 U	7.5 U	7.5 U	7.6 U	7.5 U	
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	7.6 U	8.3 U	8.8 U	7.5 U	7.5 U	7.6 U	7.5 U	
SW8260	1,3-DICHLOROBENZENE	ug/kg	7.6 U	8.3 U	8.8 U	7.5 U	7.5 U	7.6 U	7.5 U	
SW8260	1,4-DICHLOROBENZENE	ug/kg	7.6 U	8.3 U	8.8 U	7.5 U	7.5 U	7.6 U	7.5 U	
SW8260	BENZENE	ug/kg	1.5 U	1.7 U	1.8 U	1.5 U	1.5 U	1.5 U	1.5 U	1.8
SW8260	CHLOROBENZENE	ug/kg	7.6 U	8.3 U	8.8 U	7.5 U	7.5 U	7.6 U	7.5 U	
SW8260	ETHYLBENZENE	ug/kg	1.5 U	1.7 U	1.8 U	1.5 U	1.5 U	1.5 U	1.5 U	10.4
SW8260	NAPHTHALENE	ug/kg	7.6 U	8.3 U	8.8 U	7.5 U	7.5 U	7.6 U	7.5 U	52.9
SW8260	O-XYLENE	ug/kg	1.5 U	1.7 U	1.8 U	1.5 U	1.5 U	1.5 U	1.5 U	4.2
SW8260	TOLUENE	ug/kg	1.5 U	1.7 U	1.8 U	1.5 U	1.5 U	1.5 U	1.5 U	1.2 J
SW8260	XYLENES, M & P	ug/kg	3 U	3.3 U	3.5 U	3 U	3 U	3 U	3 U	7.9
SW8260	XYLENES, TOTAL	ug/kg	3 U	3.3 U	3.5 U	3 U	3 U	3 U	3 U	12.1
SW8270	ACENAPHTHENE	ug/kg	4.5 U	4.8 U	4.5 U	4.4 U	4.4 U	4.5 U	4.5 U	3830
SW8270	ACENAPHTHYLENE	ug/kg	4.5 U	4.8 U	4.5 U	4.4 U	4.4 U	4.5 U	4.5 U	1020
SW8270	ANTHRACENE	ug/kg	4.5 U	4.8 U	4.5 U	4.4 U	4.4 U	4.5 U	4.5 U	2900
SW8270	BENZO(A)ANTHRACENE	ug/kg	4.5 U	4.8 U	4.5 U	4.4 U	4.4 U	4.5 U	4.5 U	3880 J
SW8270	BENZO(A)PYRENE	ug/kg	4.5 U	4.8 U	4.5 U	4.4 U	4.4 U	4.5 U	4.5 U	3760 J
SW8270	BENZO(B)FLUORANTHENE	ug/kg	4.5 U	4.8 U	4.5 U	4.4 U	4.4 U	4.5 U	4.5 U	2400 J
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	4.5 U	4.8 U	4.5 U	4.4 U	4.4 U	4.5 U	4.5 U	1950 J
SW8270	BENZO(K)FLUORANTHENE	ug/kg	4.5 U	4.8 U	4.5 U	4.4 U	4.4 U	4.5 U	4.5 U	2350 J
SW8270	CHRYSENE	ug/kg	4.5 U	4.8 U	4.5 U	4.4 U	4.4 U	4.5 U	4.5 U	4400 J
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	4.5 U	4.8 U	4.5 U	4.4 U	4.4 U	4.5 U	4.5 U	643 J
SW8270	FLUORANTHENE	ug/kg	4.5 U	4.8 U	4.5 U	4.4 U	4.4 U	4.5 U	4.5 U	6560
SW8270	FLUORENE	ug/kg	4.5 U	4.8 U	4.5 U	4.4 U	4.4 U	4.5 U	4.5 U	764 J
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	4.5 U	4.8 U	4.5 U	4.4 U	4.4 U	4.5 U	4.5 U	1680 J
SW8270	PHENANTHRENE	ug/kg	4.5 U	4.8 U	4.5 U	4.4 U	4.4 U	4.5 U	4.5 U	4930
SW8270	PHENOL	ug/kg								
SW8270	PYRENE	ug/kg		4.5 U	4.8 U	4.5 U	4.4 U	4.4 U	4.5 U	10200 J
SW9045	pH	S.U.		7.42	7.29	7.35	7.2	7.32	7.25	7.6

TABLE 3
SUMMARY OF VIBRACORE SEDIMENT ANALYTICAL RESULTS

		Location	OL-VC-60232	OL-VC-60232	OL-VC-60232	OL-VC-60232
	Sample Depth		1-2 Ft	2-3 Ft	2-3 Ft	3-4 Ft
	Field Sample ID		OL-0852-02	OL-0852-03	OL-0852-04	OL-0852-05
	Sample Date		7/30/2009	7/30/2009	7/30/2009	7/30/2009
	Sample Delivery Group		JA24411	JA24411	JA24411	JA24411
	Matrix	SOIL	SOIL	SOIL	SOIL	SOIL
	Sample Purpose	Regular sample	Regular sample	Field duplicate	Regular sample	
	Sample Type	Sediment	Sediment	Sediment	Sediment	
Method	Parameter Name	Units				
ASTM D4643-00	SOLIDS, PERCENT	%	76	68.5	70	68.6
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	21400	31900	23500	14500
SM2540G	PERCENT MOISTURE	%				
SM2540G	SOLIDS, PERCENT	%				
SW7471	MERCURY	mg/kg	0.57	0.34 J	0.11 J	0.018 U
SW8082	AROCLOR-1016	ug/kg	4.4 U	4.8 U	4.7 U	4.9 U
SW8082	AROCLOR-1221	ug/kg	4.4 U	4.8 U	4.7 U	4.9 U
SW8082	AROCLOR-1232	ug/kg	4.4 U	4.8 U	4.7 U	4.9 U
SW8082	AROCLOR-1242	ug/kg	4.4 U	4.8 U	4.7 U	4.9 U
SW8082	AROCLOR-1248	ug/kg	37.3 J	4.8 U	4.7 U	4.9 U
SW8082	AROCLOR-1254	ug/kg	4.4 U	4.8 U	4.7 U	4.9 U
SW8082	AROCLOR-1260	ug/kg	4.4 U	4.8 U	4.7 U	4.9 U
SW8082	AROCLOR-1268	ug/kg	4.4 U	4.8 U	4.7 U	4.9 U
SW8082	PCBS, N.O.S.	ug/kg	37.3 J	4.8 U	4.7 U	4.9 U
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	6.4 U	7.3 U	7 U	7 U
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	6.4 U	7.3 U	7 U	7 U
SW8260	1,2-DICHLOROBENZENE	ug/kg	6.4 U	7.3 U	7 U	7 U
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	6.4 U	7.3 UJ	7 U	7 U
SW8260	1,3-DICHLOROBENZENE	ug/kg	6.4 U	7.3 U	7 U	7 U
SW8260	1,4-DICHLOROBENZENE	ug/kg	6.4 U	7.3 U	7 U	7 U
SW8260	BENZENE	ug/kg	1.7	0.68 J	0.7 J	1.4 U
SW8260	CHLOROBENZENE	ug/kg	6.4 U	7.3 U	7 U	7 U
SW8260	ETHYLBENZENE	ug/kg	7.9	1.5 U	1.4 U	1.4 U
SW8260	NAPHTHALENE	ug/kg	39.1	11.7	15.4	3.9 J
SW8260	O-XYLENE	ug/kg	2.5	1.5 U	1.4 U	1.4 U
SW8260	TOLUENE	ug/kg	1.1 J	1.5 U	1.4 U	1.4 U
SW8260	XYLEMES, M & P	ug/kg	6.4	0.86 J	0.81 J	2.8 U
SW8260	XYLEMES, TOTAL	ug/kg	8.9	0.86 J	0.81 J	2.8 U
SW8270	ACENAPHTHENE	ug/kg	2290	2950 J	1010 J	61.7
SW8270	ACENAPHTHYLENE	ug/kg	893	383	271	4.2 U
SW8270	ANTHRACENE	ug/kg	2630	6030 J	2420 J	47.6
SW8270	BENZO(A)ANTHRACENE	ug/kg	2720 J	6030	3680	22.8
SW8270	BENZO(A)PYRENE	ug/kg	2540 J	4790	2900	9.82
SW8270	BENZO(B)FLUORANTHENE	ug/kg	1700 J	3980	2330	13.5
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	1300 J	1760	1200	4.31
SW8270	BENZO(K)FLUORANTHENE	ug/kg	1780 J	2520	1920	5.07
SW8270	CHRYSENE	ug/kg	3150 J	5830	3590	15.1
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	453 J	695	473	4.2 U
SW8270	FLUORANTHENE	ug/kg	4120	9430	5880	69.9
SW8270	FLUORENE	ug/kg	1550 J	2110 J	1050 J	21.9 J
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	1260 J	1920	1310	4.4
SW8270	PHENANTHRENE	ug/kg	7210	9790 J	4040 J	36
SW8270	PHENOL	ug/kg				
SW8270	PYRENE	ug/kg	5940 J	9750 J	6100 J	54.4 J
SW9045	pH	S.U.	7.39	7.23	6.91	7.21

TABLE 3
SUMMARY OF VIBRACORE SEDIMENT ANALYTICAL RESULTS

		Location	OL-VC-60232	OL-VC-60232	OL-VC-60232	OL-VC-60232	OL-VC-60233	OL-VC-60233	OL-VC-60233
		Sample Depth	4-5 Ft	5-6 Ft	6-7 Ft	7-7.6 Ft	0-1 Ft	1-2 Ft	2-3 Ft
		Field Sample ID	OL-0852-06	OL-0852-07	OL-0852-08	OL-0852-09	OL-0851-13	OL-0851-14	OL-0851-15
		Sample Date	7/30/2009	7/30/2009	7/30/2009	7/30/2009	7/29/2009	7/29/2009	7/29/2009
		Sample Delivery Group	JA24411	JA24411	JA24411	JA24411	JA24294	JA24294	JA24294
		Matrix	SOIL						
		Sample Purpose	Regular sample						
		Sample Type	Sediment						
Method	Parameter Name	Units							
ASTM D4643-00	SOLIDS, PERCENT	%	73.1	68.5	63.1	64			
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	11700	18300	22600	16100	45600	14800	1730
SM2540G	PERCENT MOISTURE	%							
SM2540G	SOLIDS, PERCENT	%					51.4	72.6	78.1
SW7471	MERCURY	mg/kg	0.017 U	0.018 U	0.02 U	0.024 J	2	0.47	0.015 U
SW8082	AROCLOR-1016	ug/kg	4.5 U	4.8 U	5.2 U	5.1 U	6.4 U	4.5 U	4.2 U
SW8082	AROCLOR-1221	ug/kg	4.5 U	4.8 U	5.2 U	5.1 U	6.4 U	4.5 U	4.2 U
SW8082	AROCLOR-1232	ug/kg	4.5 U	4.8 U	5.2 U	5.1 U	6.4 U	4.5 U	4.2 U
SW8082	AROCLOR-1242	ug/kg	4.5 U	4.8 U	5.2 U	5.1 U	6.4 U	4.5 U	4.2 U
SW8082	AROCLOR-1248	ug/kg	4.5 U	4.8 U	76.4	5.1 U	6.4 U	4.5 U	4.2 U
SW8082	AROCLOR-1254	ug/kg	4.5 U	4.8 U	28.4	5.1 U	6.4 U	4.5 U	4.2 U
SW8082	AROCLOR-1260	ug/kg	4.5 U	4.8 U	5.2 U	5.1 U	64	4.5 U	4.2 U
SW8082	AROCLOR-1268	ug/kg	4.5 U	4.8 U	5.2 U	5.1 U	6.4 U	4.5 U	4.2 U
SW8082	PCBS, N.O.S.	ug/kg	4.5 U	4.8 U	105	5.1 U	64	4.5 U	4.2 U
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	6.7 U	7.6 U	8.1 U	7.7 U	9.7 U	6.8 U	6.2 U
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	6.7 U	7.6 U	8.1 U	7.7 U	9.7 U	6.8 U	6.2 U
SW8260	1,2-DICHLOROBENZENE	ug/kg	6.7 U	7.6 U	8.1 U	7.7 U	9.7 U	6.8 U	6.2 U
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	6.7 U	7.6 U	8.1 U	7.7 U	9.7 U	6.8 U	6.2 U
SW8260	1,3-DICHLOROBENZENE	ug/kg	6.7 U	7.6 U	8.1 U	7.7 U	9.7 U	6.8 U	6.2 U
SW8260	1,4-DICHLOROBENZENE	ug/kg	6.7 U	7.6 U	8.1 U	7.7 U	9.7 U	6.8 U	6.2 U
SW8260	BENZENE	ug/kg	1.3 U	1.5 U	1.6 U	1.5 U	2.9	1.4 U	1.2 U
SW8260	CHLOROBENZENE	ug/kg	6.7 U	7.6 U	8.1 U	7.7 U	9.7 U	6.8 U	6.2 U
SW8260	ETHYLBENZENE	ug/kg	1.3 U	1.5 U	1.6 U	1.5 U	1.9 U	1.3 U	1.2 U
SW8260	NAPHTHALENE	ug/kg	6.7 U	7.6 U	8.1 U	7.7 U	3.4 J	6.8 U	6.2 U
SW8260	O-XYLENE	ug/kg	1.3 U	1.5 U	1.6 U	1.5 U	3.1	1.8	1.2 U
SW8260	TOLUENE	ug/kg	1.3 U	1.5 U	1.6 U	1.5 U	0.93 J	1.7	1.2 U
SW8260	XYLENES, M & P	ug/kg	2.7 U	3 U	3.2 U	3.1 U	3.1 J	4.5	2.5 U
SW8260	XYLENES, TOTAL	ug/kg	2.7 U	3 U	3.2 U	3.1 U	6.2	6.3	2.5 U
SW8270	ACENAPHTHENE	ug/kg	3.9 U	4.1 U	4.5 U	4.5 U	13600	168	13.1
SW8270	ACENAPHTHYLENE	ug/kg	3.9 U	4.1 U	4.5 U	4.5 U	2330	96.4	7.16
SW8270	ANTHRACENE	ug/kg	3.9 U	4.1 U	4.5 U	4.5 U	10400	248	24.3
SW8270	BENZO(A)ANTHRACENE	ug/kg	7.77	4.1 U	4.5 U	4.5 U	10100	457	52.6
SW8270	BENZO(A)PYRENE	ug/kg	3.9 U	4.1 U	4.5 U	4.5 U	9740	486	27.5
SW8270	BENZO(B)FLUORANTHENE	ug/kg	3.9 U	4.1 U	4.5 U	4.5 U	8160	429	36.3
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	3.9 U	4.1 U	4.5 U	4.5 U	3310	271	16.1
SW8270	BENZO(K)FLUORANTHENE	ug/kg	3.9 U	4.1 U	4.5 U	4.5 U	3120	182	16.2
SW8270	CHRYSENE	ug/kg	3.36 J	4.1 U	4.5 U	4.5 U	9660	400	23.9
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	3.9 U	4.1 U	4.5 U	4.5 U	1090	77.5	5
SW8270	FLUORANTHENE	ug/kg	6.64	4.1 U	4.5 U	4.5 U	19500	665	65.5
SW8270	FLUORENE	ug/kg	3.9 U	4.1 U	4.5 U	4.5 U	6580	168	12.6
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	3.9 U	4.1 U	4.5 U	4.5 U	2940	216	13.2
SW8270	PHENANTHRENE	ug/kg	6.36	4.1 U	4.5 U	4.5 U	29100	557	65.8
SW8270	PHENOL	ug/kg							
SW8270	PYRENE	ug/kg	5.5 J	4.1 U	4.5 U	4.5 U	26300	828	77.2
SW9045	pH	S.U.	6.67	6.87	7.25	7.13	7.49	7.36	7.75

TABLE 3
SUMMARY OF VIBRACORE SEDIMENT ANALYTICAL RESULTS

		Location	OL-VC-60233	OL-VC-60233	OL-VC-60234	OL-VC-60234
Method	Parameter Name	Units				
ASTM D4643-00	SOLIDS, PERCENT	%			79.7	53.7
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	24500	7830	42900	72000
SM2540G	PERCENT MOISTURE	%				
SM2540G	SOLIDS, PERCENT	%	70.6	69.2		
SW7471	MERCURY	mg/kg	0.017 U	0.018 U	0.85	1.7
SW8082	AROCLOR-1016	ug/kg	4.7 U	4.8 U	4.1 U	6.2 U
SW8082	AROCLOR-1221	ug/kg	4.7 U	4.8 U	4.1 U	6.2 U
SW8082	AROCLOR-1232	ug/kg	4.7 U	4.8 U	4.1 U	6.2 U
SW8082	AROCLOR-1242	ug/kg	4.7 U	4.8 U	4.1 U	6.2 U
SW8082	AROCLOR-1248	ug/kg	4.7 U	4.8 U	67.8	42.8 J
SW8082	AROCLOR-1254	ug/kg	4.7 U	4.8 U	55.9 J	36.1 J
SW8082	AROCLOR-1260	ug/kg	4.7 U	4.8 U	57.8 J	25.7 J
SW8082	AROCLOR-1268	ug/kg	4.7 U	4.8 U	4.1 U	6.2 U
SW8082	PCBS, N.O.S.	ug/kg	4.7 U	4.8 U	181 J	105 J
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	6.9 U	6.9 U	5.9 U	9 U
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	6.9 U	6.9 U	5.9 U	9 U
SW8260	1,2-DICHLOROBENZENE	ug/kg	6.9 U	6.9 U	5.9 U	9 U
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	6.9 U	6.9 U	5.9 U	9 U
SW8260	1,3-DICHLOROBENZENE	ug/kg	6.9 U	6.9 U	5.9 U	9 U
SW8260	1,4-DICHLOROBENZENE	ug/kg	6.9 U	6.9 U	5.9 U	9 U
SW8260	BENZENE	ug/kg	1.4 U	1.4 U	1.2 U	1.8 U
SW8260	CHLOROBENZENE	ug/kg	6.9 U	6.9 U	5.9 U	9 U
SW8260	ETHYLBENZENE	ug/kg	1.4 U	1.4 U	1.2 U	1.8 U
SW8260	NAPHTHALENE	ug/kg	6.9 U	6.9 U	3.1 J	5.7 J
SW8260	O-XYLENE	ug/kg	1.4 U	1.4 U	1.2 U	1.6 J
SW8260	TOLUENE	ug/kg	0.5 J	0.55 J	0.43 J	1.8 U
SW8260	XYLENES, M & P	ug/kg	1.1 J	1 J	2.4 U	0.89 J
SW8260	XYLENES, TOTAL	ug/kg	1.1 J	1 J	2.4 U	2.5 J
SW8270	ACENAPHTHENE	ug/kg	4 U	14.4	313	978
SW8270	ACENAPHTHYLENE	ug/kg	4 U	4.1 U	219	631
SW8270	ANTHRACENE	ug/kg	4 U	23.4	599	2470
SW8270	BENZO(A)ANTHRACENE	ug/kg	4 U	55.3	1310	3460
SW8270	BENZO(Q)PYRENE	ug/kg	4 U	33.2	1340	3350
SW8270	BENZO(B)FLUORANTHENE	ug/kg	4 U	47.1	1140	2370
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	4 U	25.2	834	1950
SW8270	BENZO(K)FLUORANTHENE	ug/kg	4 U	18.6	917	1970
SW8270	CHRYSENE	ug/kg	4 U	25	1530	3860
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	4 U	6.36	269	567
SW8270	FLUORANTHENE	ug/kg	4 U	75	2080	4530
SW8270	FLUORENE	ug/kg	4 U	8.12	309 J	953 J
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	4 U	20.3	767	1670
SW8270	PHENANTHRENE	ug/kg	4 U	73	2120	6280
SW8270	PHENOL	ug/kg				
SW8270	PYRENE	ug/kg	4 U	85.1	2520 J	7400 J
SW9045	pH	S.U.	7.16	6.74	7.7	7.27

TABLE 3
SUMMARY OF VIBRACORE SEDIMENT ANALYTICAL RESULTS

		Location	OL-VC-60234	OL-VC-60234	OL-VC-60234	OL-VC-60234	OL-VC-60235	OL-VC-60235	OL-VC-60235
		Sample Depth	2-3 Ft	3-4 Ft	4-5 Ft	5-6 Ft	0-1 Ft	1-2 Ft	2-3 Ft
		Field Sample ID	OL-0852-12	OL-0852-13	OL-0852-14	OL-0852-15	OL-0850-01	OL-0850-02	OL-0850-03
		Sample Date	7/30/2009	7/30/2009	7/30/2009	7/30/2009	7/29/2009	7/29/2009	7/29/2009
		Sample Delivery Group	JA24411	JA24411	JA24411	JA24411	JA24295	JA24295	JA24295
		Matrix	SOIL						
		Sample Purpose	Regular sample						
		Sample Type	Sediment						
Method	Parameter Name	Units							
ASTM D4643-00	SOLIDS, PERCENT	%	51.4	65.1	69	69.4			
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	40500	8060	5860	6790	27600	21000	61900
SM2540G	PERCENT MOISTURE	%							
SM2540G	SOLIDS, PERCENT	%					80.6	78.6	70
SW7471	MERCURY	mg/kg	0.44	0.019 U	0.017 U	0.018 U	0.69	0.54	0.99
SW8082	AROCLOR-1016	ug/kg	6.5 U	5 U	4.8 U	4.7 U	4.1 U	4.2 U	4.7 U
SW8082	AROCLOR-1221	ug/kg	6.5 U	5 U	4.8 U	4.7 U	4.1 U	4.2 U	4.7 U
SW8082	AROCLOR-1232	ug/kg	6.5 U	5 U	4.8 U	4.7 U	4.1 U	4.2 U	4.7 U
SW8082	AROCLOR-1242	ug/kg	6.5 U	5 U	4.8 U	4.7 U	4.1 U	4.2 U	4.7 U
SW8082	AROCLOR-1248	ug/kg	6.5 U	5 U	4.8 U	4.7 U	5.2	4.2 U	4.7 U
SW8082	AROCLOR-1254	ug/kg	6.5 U	5 U	6.1	4.7 U	4.1 U	4.2 U	4.7 U
SW8082	AROCLOR-1260	ug/kg	6.5 U	6.5 J	4.8 U	4.7 U	4.1 U	4.2 U	4.7 U
SW8082	AROCLOR-1268	ug/kg	6.5 U	5 U	4.8 U	4.7 U	4.1 U	4.2 U	4.7 U
SW8082	PCBS, N.O.S.	ug/kg	6.5 U	6.5 J	6.1	4.7 U	5.2	4.2 U	4.7 U
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	10 U	7.7 U	7.2 U	7.5 U	6.3 U	6.1 U	7.1 U
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	10 U	7.7 U	7.2 U	7.5 U	6.3 U	6.1 U	7.1 U
SW8260	1,2-DICHLOROBENZENE	ug/kg	10 U	7.7 U	7.2 U	7.5 U	0.62 J	6.1 U	7.1 U
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	10 U	7.7 U	7.2 U	7.5 U	6.3 U	6.1 U	7.1 U
SW8260	1,3-DICHLOROBENZENE	ug/kg	10 U	7.7 U	7.2 U	7.5 U	0.37 J	6.1 U	7.1 U
SW8260	1,4-DICHLOROBENZENE	ug/kg	10 U	7.7 U	7.2 U	7.5 U	2.4 J	6.1 U	7.1 U
SW8260	BENZENE	ug/kg	2 U	1.5 U	1.4 U	1.5 U	1.3 U	1.4	0.67 J
SW8260	CHLOROBENZENE	ug/kg	10 U	7.7 U	7.2 U	7.5 U	1.4 J	0.43 J	7.1 U
SW8260	ETHYLBENZENE	ug/kg	2 U	1.5 U	1.4 U	1.5 U	1.9	0.61 J	4.1
SW8260	NAPHTHALENE	ug/kg	10 U	7.7 U	7.2 U	7.5 U	5.4 J	28.9	187
SW8260	O-XYLENE	ug/kg	2 U	1.5 U	1.4 U	1.5 U	2.4	2.2	5
SW8260	TOLUENE	ug/kg	2 U	1.5 U	1.4 U	1.5 U	1.3	0.95 J	2.5
SW8260	XYLENES, M & P	ug/kg	4.1 U	3.1 U	2.9 U	3 U	6.7	1.9 J	13.5
SW8260	XYLENES, TOTAL	ug/kg	4.1 U	3.1 U	2.9 U	3 U	9.1	4.1	18.5
SW8270	ACENAPHTHENE	ug/kg	110	4.4 U	8.66	4.1 U	720	1420	9210
SW8270	ACENAPHTHYLENE	ug/kg	78.1	4.4 U	6.8	4.1 U	676	976	2550
SW8270	ANTHRACENE	ug/kg	599	10.1	24.7	4.1 U	1790	3210	15600
SW8270	BENZO(A)ANTHRACENE	ug/kg	1190	20.1	76.4	4.1 U	2820	5440	14000
SW8270	BENZO(A)PYRENE	ug/kg	1210	13.4	58.7	4.1 U	3240 J	3940 J	13700 J
SW8270	BENZO(B)FLUORANTHENE	ug/kg	788	15.9	102	4.1 U	2310	2730	9550
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	726	10.2	43.2	4.1 U	1660	1760	6060
SW8270	BENZO(K)FLUORANTHENE	ug/kg	731	5.48	23.3	4.1 U	1260 J	1520 J	3200 J
SW8270	CHRYSENE	ug/kg	1240	14.2	64.7	4.1 U	2930 J	4000 J	13500 J
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	179	4.4 U	12.7	4.1 U	615	738	2800
SW8270	FLUORANTHENE	ug/kg	1590	26.5	139	4.1 U	3900	6950	20900
SW8270	FLUORENE	ug/kg	172 J	4.4 U	9.05 J	4.1 U	357	1120	8490
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	575	7.97	43.2	4.1 U	1470 J	1540 J	4370 J
SW8270	PHENANTHRENE	ug/kg	1300	25	99.9	4.1 U	3730	6640	35600
SW8270	PHENOL	ug/kg							
SW8270	PYRENE	ug/kg	2440 J	34.7 J	126 J	4.1 U	5990	12300	33800
SW9045	pH	S.U.	7.47	7.38	7.42	7.7	8.21	7.89	7.97

TABLE 3
SUMMARY OF VIBRACORE SEDIMENT ANALYTICAL RESULTS

		Location	OL-VC-60235	OL-VC-60235	OL-VC-60235	OL-VC-60236
	Sample Depth	3-4 Ft	4-5 Ft	5-6 Ft	0-1 Ft	
	Field Sample ID	OL-0850-04	OL-0850-05	OL-0850-06	OL-0851-06	
	Sample Date	7/29/2009	7/29/2009	7/29/2009	7/29/2009	
	Sample Delivery Group	JA24295	JA24295	JA24295	JA24294	
	Matrix	SOIL	SOIL	SOIL	SOIL	
	Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	
	Sample Type	Sediment	Sediment	Sediment	Sediment	
Method	Parameter Name	Units				
ASTM D4643-00	SOLIDS, PERCENT	%				
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	92000	7910	11400	472000
SM2540G	PERCENT MOISTURE	%				
SM2540G	SOLIDS, PERCENT	%	56.3	62.3	59.9	66.7
SW7471	MERCURY	mg/kg	1.1	0.026 J	0.02 U	0.71
SW8082	AROCLOR-1016	ug/kg	5.9 U	5.2 U	5.5 U	5 U
SW8082	AROCLOR-1221	ug/kg	5.9 U	5.2 U	5.5 U	5 U
SW8082	AROCLOR-1232	ug/kg	5.9 U	5.2 U	5.5 U	5 U
SW8082	AROCLOR-1242	ug/kg	5.9 U	5.2 U	5.5 U	5 U
SW8082	AROCLOR-1248	ug/kg	5.9 U	5.2 U	5.5 U	5 U
SW8082	AROCLOR-1254	ug/kg	5.9 U	5.2 U	5.5 U	5 U
SW8082	AROCLOR-1260	ug/kg	5.9 U	5.2 U	5.5 U	5 U
SW8082	AROCLOR-1268	ug/kg	5.9 U	5.2 U	5.5 U	5 U
SW8082	PCBS, N.O.S.	ug/kg	5.9 U	5.2 U	5.5 U	5 U
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	8.7 U	8.4 U	8 U	7.3 U
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	8.7 U	8.4 U	8 U	7.3 U
SW8260	1,2-DICHLOROBENZENE	ug/kg	8.7 U	8.4 U	8 U	7.3 U
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	8.7 U	8.4 U	8 U	7.3 U
SW8260	1,3-DICHLOROBENZENE	ug/kg	8.7 U	8.4 U	8 U	7.3 U
SW8260	1,4-DICHLOROBENZENE	ug/kg	8.7 U	8.4 U	8 U	7.3 U
SW8260	BENZENE	ug/kg	1.9	1.7 U	1.6 U	2.8
SW8260	CHLOROBENZENE	ug/kg	8.7 U	8.4 U	8 U	7.3 U
SW8260	ETHYLBENZENE	ug/kg	1.7 U	1.3 J	1.6 U	3.8
SW8260	NAPHTHALENE	ug/kg	164	17	8 U	56
SW8260	O-XYLENE	ug/kg	2	1.5 J	1.6 U	2.8
SW8260	TOLUENE	ug/kg	1.4 J	1.3 J	1.6 U	10.4
SW8260	XYLENES, M & P	ug/kg	2.1 J	4.3	3.2 U	8
SW8260	XYLENES, TOTAL	ug/kg	4.1	5.8	3.2 U	10.8
SW8270	ACENAPHTHENE	ug/kg	11400	77.9	31.3	2450
SW8270	ACENAPHTHYLENE	ug/kg	3040	50 U	5.2 U	3750
SW8270	ANTHRACENE	ug/kg	55800	249	13.8	11600
SW8270	BENZO(A)ANTHRACENE	ug/kg	64500	188	22.6	27200
SW8270	BENZO(A)PYRENE	ug/kg	59900 J	222 J	14.8 J	28100
SW8270	BENZO(B)FLUORANTHENE	ug/kg	47500	141	20.2	24700
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	27700	109	9.01	13100
SW8270	BENZO(K)FLUORANTHENE	ug/kg	34800 J	171 J	8.15 J	8370
SW8270	CHRYSENE	ug/kg	57200 J	239 J	10.2 J	23600
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	8960	50.5	5.2 U	3870
SW8270	FLUORANTHENE	ug/kg	103000	495	31.1	39900
SW8270	FLUORENE	ug/kg	14800	52.6	5.2 U	3530
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	27300 J	101 J	7.38 J	11200
SW8270	PHENANTHRENE	ug/kg	100000	463	41.3	21700
SW8270	PHENOL	ug/kg				
SW8270	PYRENE	ug/kg	102000	448	28.8	45800
SW9045	pH	S.U.	7.8	7.85	7.64	10.6

TABLE 3
SUMMARY OF VIBRACORE SEDIMENT ANALYTICAL RESULTS

		Location	OL-VC-60236	OL-VC-60236	OL-VC-60236	OL-VC-60236	OL-VC-60236	OL-VC-60236	OL-VC-60236	OL-VC-60237
	Sample Depth	1-2 Ft	1-2 Ft	2-3 Ft	3-4 Ft	4-5 Ft	5-5.8 Ft	0-1 Ft		
	Field Sample ID	OL-0851-07	OL-0851-08	OL-0851-09	OL-0851-10	OL-0851-11	OL-0851-12	OL-0847-01		
	Sample Date	7/29/2009	7/29/2009	7/29/2009	7/29/2009	7/29/2009	7/29/2009	7/28/2009		
	Sample Delivery Group	JA24294	JA24294	JA24294	JA24294	JA24294	JA24294	JA24181		
	Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL		
	Sample Purpose	Regular sample	Field duplicate	Regular sample						
	Sample Type	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment		
Method	Parameter Name	Units								
ASTM D4643-00	SOLIDS, PERCENT	%								57.3
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	194000 J	233000 J	73700	4230	10900 J	10500		255000
SM2540G	PERCENT MOISTURE	%								
SM2540G	SOLIDS, PERCENT	%	37.7	39.1	56.7	65.2	60.6	51.8		
SW7471	MERCURY	mg/kg	4.2 J	2.3 J	1.2	0.02 U	0.027 J	0.025 U		3.3
SW8082	AROCLOR-1016	ug/kg	8.8 UJ	8.5 UJ	5.8 U	5.1 U	5.5 U	6.3 U		5.8 UJ
SW8082	AROCLOR-1221	ug/kg	8.8 UJ	8.5 UJ	5.8 U	5.1 U	5.5 U	6.3 U		5.8 UJ
SW8082	AROCLOR-1232	ug/kg	8.8 UJ	8.5 UJ	5.8 U	5.1 U	5.5 U	6.3 U		5.8 UJ
SW8082	AROCLOR-1242	ug/kg	8.8 UJ	8.5 UJ	5.8 U	5.1 U	5.5 U	6.3 U		5.8 UJ
SW8082	AROCLOR-1248	ug/kg	8.8 UJ	8.5 UJ	5.8 U	5.1 U	5.5 U	6.3 U		37.1 J
SW8082	AROCLOR-1254	ug/kg	8.8 UJ	8.5 UJ	5.8 U	5.1 U	5.5 U	6.3 U		20.9 J
SW8082	AROCLOR-1260	ug/kg	8.8 UJ	8.5 UJ	5.8 U	5.1 U	5.5 U	6.3 U		5.8 UJ
SW8082	AROCLOR-1268	ug/kg	8.8 UJ	8.5 UJ	5.8 U	5.1 U	5.5 U	6.3 U		5.8 UJ
SW8082	PCBS, N.O.S.	ug/kg	8.8 UJ	8.5 UJ	5.8 U	5.1 U	5.5 U	6.3 U		58 J
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	13 UJ	12 UJ	8.8 U	7.5 U	8.4 U	9.7 U		8.7 U
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	13 UJ	12 UJ	8.8 U	7.5 U	8.4 U	9.7 U		8.7 U
SW8260	1,2-DICHLOROBENZENE	ug/kg	13 UJ	12 UJ	8.8 U	7.5 U	8.4 U	9.7 U		4.4 J
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	13 UJ	12 UJ	8.8 U	7.5 U	8.4 U	9.7 U		8.7 U
SW8260	1,3-DICHLOROBENZENE	ug/kg	13 UJ	12 UJ	8.8 U	7.5 U	8.4 U	9.7 U		1 J
SW8260	1,4-DICHLOROBENZENE	ug/kg	13 UJ	12 UJ	8.8 U	7.5 U	8.4 U	9.7 U		7.3 J
SW8260	BENZENE	ug/kg	3 J	2.8 J	0.94 J	1.5 U	1.7 U	0.76 J		2.3
SW8260	CHLOROBENZENE	ug/kg	13 UJ	12 UJ	8.8 U	7.5 U	8.4 U	9.7 U		5.8 J
SW8260	ETHYLBENZENE	ug/kg	1.4 J	2.3 J	2.7	2.4	1.6 J	0.97 J		5
SW8260	NAPHTHALENE	ug/kg	31.3 J	59.4 J	8.3 J	2.7 J	2.5 J	9.7 U		25.9
SW8260	O-XYLENE	ug/kg	1.9 J	1.8 J	2.8	2.3	1.7	1.9 U		5.2
SW8260	TOLUENE	ug/kg	6.2 J	6 J	3.3	2.2	1.6 J	0.65 J		5.6
SW8260	XYLENES, M & P	ug/kg	2.8 J	2.6 J	9.2	8	5.1	1.1 J		15.1
SW8260	XYLENES, TOTAL	ug/kg	4.7 J	4.4 J	12	10.3	6.8	1.1 J		20.3
SW8270	ACENAPHTHENE	ug/kg	2940 J	3120 J	3070	83.8	43 J	5.5 U		932
SW8270	ACENAPHTHYLENE	ug/kg	3080 J	3130 J	1770	36 J	19.8 J	6.92		3870
SW8270	ANTHRACENE	ug/kg	15800 J	18300 J	24400	717	293	41.9		5290
SW8270	BENZO(A)ANTHRACENE	ug/kg	32300 J	34400 J	35700	887	444	105		14700
SW8270	BENZO(A)PYRENE	ug/kg	35100 J	40000 J	32200	776	415	85.9		15200
SW8270	BENZO(B)FLUORANTHENE	ug/kg	29400 J	33900 J	32900	766	395	105		12200
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	17000 J	22900 J	14500	336	190	53		7870
SW8270	BENZO(K)FLUORANTHENE	ug/kg	13600 J	14900 J	11200	321	188	51.2		2820 J
SW8270	CHRYSENE	ug/kg	26500 J	29500 J	28300	704	372	67.4		12700
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	5010 J	6110 J	4560	96.3	56.1	10.7		2380
SW8270	FLUORANTHENE	ug/kg	55900 J	62700 J	75100	2040	928	139		18400
SW8270	FLUORENE	ug/kg	4150 J	4350 J	6200	145	71.5	10.3		1740
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	15400 J	18900 J	14100	347	192	43.1		6360
SW8270	PHENANTHRENE	ug/kg	32700 J	37400 J	48100	1280	555	99.7		8580 J
SW8270	PHENOL	ug/kg								
SW8270	PYRENE	ug/kg	54700 J	59900 J	61600	1740	809	143		23400
SW9045	pH	S.U.	9.02 J	8.72 J	9.8	9.54	8.65	7.65		8.52

TABLE 3
SUMMARY OF VIBRACORE SEDIMENT ANALYTICAL RESULTS

		Location	OL-VC-60237	OL-VC-60237	OL-VC-60237	OL-VC-60237
	Sample Depth	1-2 Ft	1-2 Ft	2-3 Ft	3-4 Ft	
	Field Sample ID	OL-0847-02	OL-0847-03	OL-0847-04	OL-0847-05	
	Sample Date	7/28/2009	7/28/2009	7/28/2009	7/28/2009	
	Sample Delivery Group	JA24181	JA24181	JA24181	JA24181	
	Matrix	SOIL	SOIL	SOIL	SOIL	
	Sample Purpose	Regular sample	Field duplicate	Regular sample	Regular sample	
	Sample Type	Sediment	Sediment	Sediment	Sediment	
Method	Parameter Name	Units				
ASTM D4643-00	SOLIDS, PERCENT	%		53	69.2	60.2
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	151000 J	88000 J	21600 J	21200
SM2540G	PERCENT MOISTURE	%				
SM2540G	SOLIDS, PERCENT	%	50.4			
SW7471	MERCURY	mg/kg	2.1	1.5	0.53	0.38
SW8082	AROCLOR-1016	ug/kg	6.6 U	6.3 U	4.7 U	5.4 U
SW8082	AROCLOR-1221	ug/kg	6.6 U	6.3 U	4.7 U	5.4 U
SW8082	AROCLOR-1232	ug/kg	6.6 U	6.3 U	4.7 U	5.4 U
SW8082	AROCLOR-1242	ug/kg	6.6 U	6.3 U	4.7 U	5.4 U
SW8082	AROCLOR-1248	ug/kg	6.6 U	6.3 U	4.7 U	5.4 U
SW8082	AROCLOR-1254	ug/kg	6.6 U	6.3 U	4.7 U	5.4 U
SW8082	AROCLOR-1260	ug/kg	6.6 U	6.3 U	4.7 U	5.4 U
SW8082	AROCLOR-1268	ug/kg	6.6 U	6.3 U	4.7 U	5.4 U
SW8082	PCBS, N.O.S.	ug/kg	6.6 U	6.3 U	4.7 U	5.4 U
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	9.7 U	9.4 U	6.9 U	8.1 U
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	9.7 U	9.4 U	6.9 U	8.1 U
SW8260	1,2-DICHLOROBENZENE	ug/kg	9.7 U	9.4 U	6.9 U	8.1 U
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	9.7 U	9.4 U	6.9 U	8.1 U
SW8260	1,3-DICHLOROBENZENE	ug/kg	9.7 U	9.4 U	6.9 U	8.1 U
SW8260	1,4-DICHLOROBENZENE	ug/kg	9.7 U	9.4 U	6.9 U	8.1 U
SW8260	BENZENE	ug/kg	1.8 J	1.8 J	1.5	5.7
SW8260	CHLOROBENZENE	ug/kg	9.7 U	9.4 U	6.9 U	8.1 U
SW8260	ETHYLBENZENE	ug/kg	1.9 U	1.9 U	1.4 U	0.97 J
SW8260	NAPHTHALENE	ug/kg	8 J	11.6	20.8	12.5
SW8260	O-XYLENE	ug/kg	1.9 U	1.9 U	0.95 J	2.8
SW8260	TOLUENE	ug/kg	1.9 U	1.9 U	0.42 J	1.3 J
SW8260	XYLENES, M & P	ug/kg	3.9 U	3.8 U	0.91 J	1.7 J
SW8260	XYLENES, TOTAL	ug/kg	3.9 U	3.8 U	1.9 J	4.5
SW8270	ACENAPHTHENE	ug/kg	764 J	430 J	128 J	38.2 J
SW8270	ACENAPHTHYLENE	ug/kg	1380	848	24.9 J	47 U
SW8270	ANTHRACENE	ug/kg	3420 J	1170 J	284	106
SW8270	BENZO(A)ANTHRACENE	ug/kg	6170 J	2890 J	404	120
SW8270	BENZO(A)PYRENE	ug/kg	5960	4280	372	95.1
SW8270	BENZO(B)FLUORANTHENE	ug/kg	4610	3060	425	197
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	3740	2210	169	41.3 J
SW8270	BENZO(K)FLUORANTHENE	ug/kg	1870 J	908 J	128 J	40.2 J
SW8270	CHRYSENE	ug/kg	5320 J	2830 J	338	106
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	1100 J	525 J	60.7	37.2 J
SW8270	FLUORANTHENE	ug/kg	7390 J	3420 J	776	264
SW8270	FLUORENE	ug/kg	980 J	484 J	81.8 J	23.9 J
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	3250 J	1860 J	184	43.4 J
SW8270	PHENANTHRENE	ug/kg	4910 J	2110 J	705 J	285 J
SW8270	PHENOL	ug/kg				
SW8270	PYRENE	ug/kg	9560 J	4520 J	629	198
SW9045	pH	S.U.	7.81	7.86	8.01	8.01

TABLE 3
SUMMARY OF VIBRACORE SEDIMENT ANALYTICAL RESULTS

		Location	OL-VC-60237	OL-VC-60237	OL-VC-60242	OL-VC-60242	OL-VC-60242	OL-VC-60242	OL-VC-60242	OL-VC-60242
	Sample Depth		4-5 Ft	5-6 Ft	0-1 Ft	1-2 Ft	2-3 Ft	3-4 Ft		4-5 Ft
	Field Sample ID		OL-0847-06	OL-0847-07	OL-0880-08	OL-0880-09	OL-0880-10	OL-0880-11		OL-0880-12
	Sample Date		7/28/2009	7/28/2009	8/12/2009	8/12/2009	8/12/2009	8/12/2009		8/12/2009
	Sample Delivery Group		JA24181	JA24181	JA25455	JA25455	JA25455	JA25455		JA25455
	Matrix		SOIL	SOIL	SOIL	SOIL	SOIL	SOIL		SOIL
	Sample Purpose	Regular sample		Regular sample		Regular sample				
	Sample Type		Sediment	Sediment	Sediment	Sediment	Sediment	Sediment		Sediment
Method	Parameter Name	Units								
ASTM D4643-00	SOLIDS, PERCENT	%	60.2	52.6						
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	8030	9680	6310	10100	9240	7090		11800
SM2540G	PERCENT MOISTURE	%								
SM2540G	SOLIDS, PERCENT	%			66.3	54.5	55.3	57.1		56
SW7471	MERCURY	mg/kg	0.023 J	0.024 U	0.069	0.029 J	0.019 U	0.02 U		0.019 U
SW8082	AROCLOR-1016	ug/kg	5.5 U	6.3 U	5 U	6 U	6 U	5.7 U		5.8 U
SW8082	AROCLOR-1221	ug/kg	5.5 U	6.3 U	5 U	6 U	6 U	5.7 U		5.8 U
SW8082	AROCLOR-1232	ug/kg	5.5 U	6.3 U	5 U	6 U	6 U	5.7 U		5.8 U
SW8082	AROCLOR-1242	ug/kg	5.5 U	6.3 U	5 U	6 U	6 U	5.7 U		5.8 U
SW8082	AROCLOR-1248	ug/kg	5.5 U	6.3 U	5 U	6 U	6 U	5.7 U		5.8 U
SW8082	AROCLOR-1254	ug/kg	5.5 U	6.3 U	5 U	6 U	6 U			14
SW8082	AROCLOR-1260	ug/kg	5.5 U	6.3 U	5 U	6 U	15300			8.2
SW8082	AROCLOR-1268	ug/kg	5.5 U	6.3 U	5 U	6 U	6 U	5.7 U		5.8 U
SW8082	PCBS, N.O.S.	ug/kg	5.5 U	6.3 U	5 U	6 U	15300			22
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	8.1 U	9.7 U	8.2 U	11 U	11 U	8.4 U		8.9 U
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	8.1 UJ	9.7 U	8.2 U	11 U	11 U	8.4 U		8.9 U
SW8260	1,2-DICHLOROBENZENE	ug/kg	8.1 U	9.7 U	8.2 U	11 U	11 U	8.4 U		8.9 U
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	8.1 U	9.7 U	8.2 U	11 U	11 UJ	8.4 U		8.9 U
SW8260	1,3-DICHLOROBENZENE	ug/kg	8.1 U	9.7 U	8.2 U	11 U	11 U	8.4 U		8.9 U
SW8260	1,4-DICHLOROBENZENE	ug/kg	8.1 U	9.7 U	1.3 J	11 U	11 U	8.4 U		8.9 U
SW8260	BENZENE	ug/kg	5	2.6	1.6 U	2.1 U	2.1 U	1.3 J		1.8 U
SW8260	CHLOROBENZENE	ug/kg	8.1 U	9.7 U	2.1 J	4 J	1.6 J	8.4 U		8.9 U
SW8260	ETHYLBENZENE	ug/kg	1.6 U	0.93 J	1.6 U	2.1 U	2.1 U	1.7 U		1.8 U
SW8260	NAPHTHALENE	ug/kg	2.9 J	9.7 U	8.2 U	12.2	11 U	8.4 U		8.9 U
SW8260	O-XYLENE	ug/kg	1.4 J	1.1 J	1.6 U	2.1 U	2.1 U			1.8 U
SW8260	TOLUENE	ug/kg	1.9	1.8 J	1.6 U	2.1 U	2.1 U	1.7 U		1.8 U
SW8260	XYLENES, M & P	ug/kg	1.1 J	2.7 J	3.3 U	4.3 U	4.2 U	3.4 U		3.6 U
SW8260	XYLENES, TOTAL	ug/kg	2.5 J	3.8 J	3.3 U	4.3 U	4.2 U	3.4 U		3.6 U
SW8270	ACENAPHTHENE	ug/kg	10.5 J	11 U	365 J	17.4 J	5.2 U	5 UJ		5.1 U
SW8270	ACENAPHTHYLENE	ug/kg	47 U	11 U	70.3 J	5.2 U	5.2 U	5 UJ		5.1 U
SW8270	ANTHRACENE	ug/kg	61.1	11 U	1300 J	5.2 U	5.2 U	5 UJ		5.1 U
SW8270	BENZO(A)ANTHRACENE	ug/kg	105	11 U	2070 J	5.2 U	5.2 U	5 UJ		5.1 U
SW8270	BENZO(A)PYRENE	ug/kg	83.6	11 U	1510 J	5.2 U	5.2 U	5 UJ		5.1 U
SW8270	BENZO(B)FLUORANTHENE	ug/kg	193	11 U	904 J	5.2 U	5.2 U	5 UJ		5.1 U
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	35 J	11 U	739 J	5.2 U	5.2 U	5 UJ		5.1 U
SW8270	BENZO(K)FLUORANTHENE	ug/kg	36 J	11 U	861 J	5.2 U	5.2 U	5 UJ		5.1 U
SW8270	CHRYSENE	ug/kg	92.4	11 U	1450 J	5.2 U	5.2 U	5 UJ		5.1 U
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	35.2 J	11 U	183 J	5.2 U	5.2 U	5 UJ		5.1 U
SW8270	FLUORANTHENE	ug/kg	183	11 U	4230 J	9.38 J	5.2 U	5 UJ		5.1 U
SW8270	FLUORENE	ug/kg	11.1 J	11 U	325 J	5.2 U	5.2 U	5 UJ		5.1 U
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	37.7 J	11 U	777 J	5.2 U	5.2 U	5 UJ		5.1 U
SW8270	PHENANTHRENE	ug/kg	138 J	11 U	2070 J	5.2 U	5.2 U	5 UJ		5.1 U
SW8270	PHENOL	ug/kg								
SW8270	PYRENE	ug/kg	133	11 U	2380 J	11.7 J	5.2 U	5 UJ		5.1 U
SW9045	pH	S.U.	7.57	7.24	8.1	7.42	7.37	7.41		7.15

TABLE 3
SUMMARY OF VIBRACORE SEDIMENT ANALYTICAL RESULTS

		Location	OL-VC-60242	OL-VC-60243	OL-VC-60243	OL-VC-60243
	Sample Depth	5-6 Ft	0-1 Ft	1-2 Ft	1-2 Ft	
	Field Sample ID	OL-0880-13	OL-0880-01	OL-0880-02	OL-0880-03	
	Sample Date	8/12/2009	8/12/2009	8/12/2009	8/12/2009	
	Sample Delivery Group	JA25455	JA25455	JA25455	JA25455	
	Matrix	SOIL	SOIL	SOIL	SOIL	
	Sample Purpose	Regular sample	Regular sample	Regular sample	Field duplicate	
	Sample Type	Sediment	Sediment	Sediment	Sediment	
Method	Parameter Name	Units				
ASTM D4643-00	SOLIDS, PERCENT	%				
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	7700	17500	4170 J	8780 J
SM2540G	PERCENT MOISTURE	%				
SM2540G	SOLIDS, PERCENT	%	60.9	76.6	65.3	66.6
SW7471	MERCURY	mg/kg	0.019 U	0.78	0.017 U	0.032 J
SW8082	AROCLOR-1016	ug/kg	5.3 U	4.2 U	5 U	4.9 U
SW8082	AROCLOR-1221	ug/kg	5.3 U	4.2 U	5 U	4.9 U
SW8082	AROCLOR-1232	ug/kg	5.3 U	4.2 U	5 U	4.9 U
SW8082	AROCLOR-1242	ug/kg	5.3 U	4.2 U	5 U	4.9 U
SW8082	AROCLOR-1248	ug/kg	5.3 U	4.2 U	5 U	4.9 U
SW8082	AROCLOR-1254	ug/kg	5.3 U	4.2 U	5 U	4.9 U
SW8082	AROCLOR-1260	ug/kg	5.3 U	4.2 U	5 U	4.9 U
SW8082	AROCLOR-1268	ug/kg	5.3 U	4.2 U	5 U	4.9 U
SW8082	PCBS, N.O.S.	ug/kg	5.3 U	4.2 U	5 U	4.9 U
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	10 U	400 U	9.1 U	8.9 U
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	10 U	400 U	9.1 U	8.9 U
SW8260	1,2-DICHLOROBENZENE	ug/kg	10 U	100 J	1.1 J	8.9 U
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	10 U	400 U	9.1 U	8.9 U
SW8260	1,3-DICHLOROBENZENE	ug/kg	10 U	400 U	9.1 U	8.9 U
SW8260	1,4-DICHLOROBENZENE	ug/kg	10 U	156 J	1.3 J	8.9 U
SW8260	BENZENE	ug/kg	2 U	28.8 J	1.8 U	1.8 U
SW8260	CHLOROBENZENE	ug/kg	10 U	77.2 J	2.2 J	8.9 U
SW8260	ETHYLBENZENE	ug/kg	2 U	74.5 J	1.8 U	1.8 U
SW8260	NAPHTHALENE	ug/kg	10 U	863	9.1 U	8.9 U
SW8260	O-XYLENE	ug/kg	2 U	193	4.5	1.8 U
SW8260	TOLUENE	ug/kg	2 U	65.7 J	1.8 U	1.8 U
SW8260	XYLENES, M & P	ug/kg	4 U	55.4 J	3.6 U	3.6 U
SW8260	XYLENES, TOTAL	ug/kg	4 U	248	4.5	3.6 U
SW8270	ACENAPHTHENE	ug/kg	4.7 U	8150	779	1130 J
SW8270	ACENAPHTHYLENE	ug/kg	4.7 U	840	83 J	230 J
SW8270	ANTHRACENE	ug/kg	4.7 U	7290	585 J	1070 J
SW8270	BENZO(A)ANTHRACENE	ug/kg	4.7 U	5150	375 J	903 J
SW8270	BENZO(A)PYRENE	ug/kg	4.7 U	4090	287 J	793 J
SW8270	BENZO(B)FLUORANTHENE	ug/kg	4.7 U	3200	159 J	558 J
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	4.7 U	1810	124 J	457 J
SW8270	BENZO(K)FLUORANTHENE	ug/kg	4.7 U	1840	155 J	301 J
SW8270	CHRYSENE	ug/kg	4.7 U	4700	338 J	929 J
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	4.7 U	706 J	36.7 J	190 J
SW8270	FLUORANTHENE	ug/kg	4.7 U	9030	875	1430 J
SW8270	FLUORENE	ug/kg	4.7 U	4350	437	409 J
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	4.7 U	1330	98.2 J	327 J
SW8270	PHENANTHRENE	ug/kg	4.7 U	18300	1480	1720 J
SW8270	PHENOL	ug/kg				
SW8270	PYRENE	ug/kg	4.7 U	12000	982 J	2040 J
SW9045	pH	S.U.	7.41	7.97	7.95	8.06

TABLE 3
SUMMARY OF VIBRACORE SEDIMENT ANALYTICAL RESULTS

		Location	OL-VC-60243	OL-VC-60243	OL-VC-60243	OL-VC-60243	OL-VC-60244	OL-VC-60244	OL-VC-60244	
	Sample Depth	2-3 Ft	3-4 Ft	4-5 Ft	5-6 Ft	0-1 Ft	1-2 Ft	2-3 Ft		
	Field Sample ID	OL-0880-04	OL-0880-05	OL-0880-06	OL-0880-07	OL-0877-01	OL-0877-02	OL-0877-03		
	Sample Date	8/12/2009	8/12/2009	8/12/2009	8/12/2009	8/11/2009	8/11/2009	8/11/2009		
	Sample Delivery Group	JA25455	JA25455	JA25455	JA25455	JA25353	JA25353	JA25353		
	Matrix	SOIL								
	Sample Purpose	Regular sample								
	Sample Type	Sediment								
Method	Parameter Name	Units								
ASTM D4643-00	SOLIDS, PERCENT	%								
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	19300 J	31700	11400	4160	3200	9560	17000	
SM2540G	PERCENT MOISTURE	%								
SM2540G	SOLIDS, PERCENT	%	60.4	59.7	60.4	60	79.5	67	58.4	
SW7471	MERCURY	mg/kg	0.018 U	0.019 U	0.019 U	0.02 U	0.24	0.034 J	R	
SW8082	AROCLOR-1016	ug/kg	5.4 U	5.5 U	5.4 U	5.5 U	4.1 U	4.9 U	5.6 U	
SW8082	AROCLOR-1221	ug/kg	5.4 U	5.5 U	5.4 U	5.5 U	4.1 U	4.9 U	5.6 U	
SW8082	AROCLOR-1232	ug/kg	5.4 U	5.5 U	5.4 U	5.5 U	4.1 U	4.9 U	5.6 U	
SW8082	AROCLOR-1242	ug/kg	5.4 U	5.5 U	5.4 U	5.5 U	4.1 U	4.9 U	5.6 U	
SW8082	AROCLOR-1248	ug/kg	5.4 U	5.5 U	5.4 U	5.5 U	4.1 U	4.9 U	5.6 U	
SW8082	AROCLOR-1254	ug/kg	5.4 U	5.5 U	9.5	5.5 U	4.1 U	4.9 U	5.6 U	
SW8082	AROCLOR-1260	ug/kg	5.4 U	5.5 U	5.4 U	5.5 U	4.1 U	4.9 U	5.6 U	
SW8082	AROCLOR-1268	ug/kg	5.4 U	5.5 U	5.4 U	5.5 U	4.1 U	4.9 U	5.6 U	
SW8082	PCBS, N.O.S.	ug/kg	5.4 U	5.5 U	9.5	5.5 U	4.1 U	4.9 U	5.6 U	
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	9.4 U	8.7 U	9.9 U	9.1 U	6 U	7.8 U	8.6 U	
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	9.4 U	8.7 U	9.9 U	9.1 U	6 U	7.8 U	8.6 U	
SW8260	1,2-DICHLOROBENZENE	ug/kg	9.4 U	8.7 U	9.9 U	9.1 U	6 U	7.8 U	8.6 U	
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	9.4 U	8.7 UJ	9.9 U	9.1 U	6 U	7.8 U	8.6 U	
SW8260	1,3-DICHLOROBENZENE	ug/kg	9.4 U	8.7 U	9.9 U	9.1 U	6 U	7.8 U	8.6 U	
SW8260	1,4-DICHLOROBENZENE	ug/kg	9.4 U	8.7 U	9.9 U	9.1 U	6 U	7.8 U	8.6 U	
SW8260	BENZENE	ug/kg	1.9 U	1.7 U	2 U	1.8 U	1.2 U	1.6 U	1.7 U	
SW8260	CHLOROBENZENE	ug/kg	9.4 U	8.7 U	9.9 U	9.1 U	6 U	7.8 U	8.6 U	
SW8260	ETHYLBENZENE	ug/kg	1.9 U	1.7 U	2 U	1.8 U	1.2 U	1.6 U	1.7 U	
SW8260	NAPHTHALENE	ug/kg	9.4 U	8.7 U	9.9 U	9.1 U	3.5 J	8.5	1.6 J	
SW8260	O-XYLENE	ug/kg	1.9 U	1.7 U	2 U	1.8 U	1.2 U	1.2 J	1.7 U	
SW8260	TOLUENE	ug/kg	1.9 U	1.7 U	2 U	1.8 U	1.2 U	1.6 U	1.7 U	
SW8260	XYLENES, M & P	ug/kg	3.8 U	3.5 U	3.9 U	3.6 U	2.4 U	3.1 U	3.4 U	
SW8260	XYLENES, TOTAL	ug/kg	3.8 U	3.5 U	3.9 U	3.6 U	2.4 U	1.2 J	3.4 U	
SW8270	ACENAPHTHENE	ug/kg	4.7 U	4.8 UJ	4.7 U	4.8 U	286	142	4.9 U	
SW8270	ACENAPHTHYLENE	ug/kg	4.7 U	4.8 UJ	4.7 U	4.8 U	36.5	14.8	4.9 U	
SW8270	ANTHRACENE	ug/kg	4.7 U	4.8 UJ	4.7 U	4.8 U	422	342	11.4	
SW8270	BENZO(A)ANTHRACENE	ug/kg	4.7 U	4.8 UJ	4.7 U	4.8 U	530	388	10.4	
SW8270	BENZO(A)PYRENE	ug/kg	4.7 U	4.8 UJ	4.7 U	4.8 U	443	299	5.35	
SW8270	BENZO(B)FLUORANTHENE	ug/kg	4.7 U	4.8 UJ	4.7 U	4.8 U	462	366	7.31	
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	4.7 U	4.8 UJ	4.7 U	4.8 U	223	140	4.9 U	
SW8270	BENZO(K)FLUORANTHENE	ug/kg	4.7 U	4.8 UJ	4.7 U	4.8 U	154	112	3.11 J	
SW8270	CHRYSENE	ug/kg	4.7 U	4.8 UJ	4.7 U	4.8 U	441	310	6.67	
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	4.7 U	4.8 UJ	4.7 U	4.8 U	77.8	58.2	4.9 U	
SW8270	FLUORANTHENE	ug/kg	4.7 U	4.8 UJ	4.7 U	4.8 U	1180	830	21.3	
SW8270	FLUORENE	ug/kg	4.7 U	4.8 UJ	4.7 U	4.8 U	206	166	4.9 U	
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	4.7 U	4.8 UJ	4.7 U	4.8 U	204	158	4.9 U	
SW8270	PHENANTHRENE	ug/kg	4.7 U	4.8 UJ	4.7 U	4.8 U	888	834	22.7	
SW8270	PHENOL	ug/kg								
SW8270	PYRENE	ug/kg		4.7 U	4.8 UJ	4.7 U	4.8 U	1070	708	18.1
SW9045	pH	S.U.		8.02	7.57	7.4	7.25	7.63	7.42	7.15

TABLE 3
SUMMARY OF VIBRACORE SEDIMENT ANALYTICAL RESULTS

		Location	OL-VC-60244	OL-VC-60244	OL-VC-60244	OL-VC-60245
	Sample Depth	3-4 Ft	4-5 Ft	5-6 Ft	0-1 Ft	
	Field Sample ID	OL-0877-04	OL-0877-05	OL-0877-06	OL-0877-07	
	Sample Date	8/11/2009	8/11/2009	8/11/2009	8/11/2009	
	Sample Delivery Group	JA25353	JA25353	JA25353	JA25353	
	Matrix	SOIL	SOIL	SOIL	SOIL	
	Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	
	Sample Type	Sediment	Sediment	Sediment	Sediment	
Method	Parameter Name	Units				
ASTM D4643-00	SOLIDS, PERCENT	%				
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	23200	50900	20000	50800
SM2540G	PERCENT MOISTURE	%				
SM2540G	SOLIDS, PERCENT	%	56.2	55	51.7	64.7
SW7471	MERCURY	mg/kg	R	R	R	2
SW8082	AROCLOR-1016	ug/kg	5.9 U	6 U	6.4 U	5.2 U
SW8082	AROCLOR-1221	ug/kg	5.9 U	6 U	6.4 U	5.2 U
SW8082	AROCLOR-1232	ug/kg	5.9 U	6 U	6.4 U	5.2 U
SW8082	AROCLOR-1242	ug/kg	5.9 U	6 U	6.4 U	5.2 U
SW8082	AROCLOR-1248	ug/kg	5.9 U	27.3	6.4 U	10.2 J
SW8082	AROCLOR-1254	ug/kg	5.9 U	15.1	6.4 U	18.2 J
SW8082	AROCLOR-1260	ug/kg	5.9 U	6 U	6.4 U	43.3
SW8082	AROCLOR-1268	ug/kg	5.9 U	6 U	6.4 U	5.2 U
SW8082	PCBS, N.O.S.	ug/kg	5.9 U	42.4	6.4 U	71.7
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	8.6 U	9.3 U	9.5 U	7.2 U
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	8.6 U	9.3 U	9.5 U	7.2 U
SW8260	1,2-DICHLOROBENZENE	ug/kg	8.6 U	9.3 U	9.5 U	1 J
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	8.6 U	9.3 U	9.5 U	7.2 U
SW8260	1,3-DICHLOROBENZENE	ug/kg	8.6 U	9.3 U	9.5 U	0.61 J
SW8260	1,4-DICHLOROBENZENE	ug/kg	8.6 U	9.3 U	9.5 U	2.8 J
SW8260	BENZENE	ug/kg	1.7 U	1.9 U	1.9 U	1.4 U
SW8260	CHLOROBENZENE	ug/kg	8.6 U	9.3 U	9.5 U	6.3 J
SW8260	ETHYLBENZENE	ug/kg	1.7 U	1.9 U	1.9 U	0.62 J
SW8260	NAPHTHALENE	ug/kg	8.6 U	9.3 U	9.5 U	1.2 J
SW8260	O-XYLENE	ug/kg	1.7 U	1.9 U	1.9 U	3.4
SW8260	TOLUENE	ug/kg	1.7 U	1.9 U	1.9 U	1.4 U
SW8260	XYLENES, M & P	ug/kg	3.4 U	3.7 U	3.8 U	2.2 J
SW8260	XYLENES, TOTAL	ug/kg	3.4 U	3.7 U	3.8 U	5.6
SW8270	ACENAPHTHENE	ug/kg	5.1 U	5.2 U	5.5 U	6080
SW8270	ACENAPHTHYLENE	ug/kg	5.1 U	5.2 U	5.5 U	609
SW8270	ANTHRACENE	ug/kg	5.1 U	5.2 U	5.5 U	6130
SW8270	BENZO(A)ANTHRACENE	ug/kg	5.1 U	5.2 U	5.5 U	3660
SW8270	BENZO(A)PYRENE	ug/kg	5.1 U	5.2 U	5.5 U	3430
SW8270	BENZO(B)FLUORANTHENE	ug/kg	5.1 U	5.2 U	5.5 U	2880
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	5.1 U	5.2 U	5.5 U	1330
SW8270	BENZO(K)FLUORANTHENE	ug/kg	5.1 U	5.2 U	5.5 U	710
SW8270	CHRYSENE	ug/kg	5.1 U	5.2 U	5.5 U	3980
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	5.1 U	5.2 U	5.5 U	429
SW8270	FLUORANTHENE	ug/kg	5.1 U	5.2 U	5.5 U	6890
SW8270	FLUORENE	ug/kg	5.1 U	5.2 U	5.5 U	3900
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	5.1 U	5.2 U	5.5 U	1150
SW8270	PHENANTHRENE	ug/kg	5.1 U	5.2 U	5.5 U	17100
SW8270	PHENOL	ug/kg				
SW8270	PYRENE	ug/kg	5.1 U	5.2 U	5.5 U	9970
SW9045	pH	S.U.	7.12	7.02	6.96	7.37

TABLE 3
SUMMARY OF VIBRACORE SEDIMENT ANALYTICAL RESULTS

		Location	OL-VC-60245	OL-VC-60245	OL-VC-60245	OL-VC-60245	OL-VC-60245	OL-VC-60245	OL-VC-60245	OL-VC-60246
	Sample Depth		1-2 Ft	1-2 Ft	2-3 Ft	3-4 Ft	4-5 Ft	5-6 Ft	0-1 Ft	
	Field Sample ID		OL-0877-08	OL-0877-09	OL-0877-10	OL-0877-11	OL-0877-12	OL-0877-13	OL-0880-14	
	Sample Date		8/11/2009	8/11/2009	8/11/2009	8/11/2009	8/11/2009	8/11/2009	8/11/2009	8/12/2009
	Sample Delivery Group		JA25353	JA25353	JA25353	JA25353	JA25353	JA25353	JA25353	JA25455
	Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	Sample Purpose	Regular sample	Field duplicate	Regular sample						
	Sample Type	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment
Method	Parameter Name	Units								
ASTM D4643-00	SOLIDS, PERCENT	%								
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	47100	43000	31100	24200	40000 J	20400 J	16100	
SM2540G	PERCENT MOISTURE	%								
SM2540G	SOLIDS, PERCENT	%	54.5	54.9	57.9	60.3	48.6	48.5	75.7	
SW7471	MERCURY	mg/kg	2.4	2.4	3.3	0.65	0.085 J	0.024 J	0.37	
SW8082	AROCLOR-1016	ug/kg	6.1 U	6.1 U	5.7 U	5.4 U	6.8 UJ	6.9 UJ	4.4 U	
SW8082	AROCLOR-1221	ug/kg	6.1 U	6.1 U	5.7 U	5.4 U	6.8 UJ	6.9 UJ	4.4 U	
SW8082	AROCLOR-1232	ug/kg	6.1 U	6.1 U	5.7 U	5.4 U	6.8 UJ	6.9 UJ	4.4 U	
SW8082	AROCLOR-1242	ug/kg	6.1 U	6.1 U	5.7 U	5.4 U	6.8 UJ	6.9 UJ	4.4 U	
SW8082	AROCLOR-1248	ug/kg	6.1 U	6.1 U	5.7 U	5.4 U	58.4 J	6.9 UJ	27.3	
SW8082	AROCLOR-1254	ug/kg	6.1 U	6.1 U	5.7 U	5.4 U	22 J	6.9 UJ	32.6	
SW8082	AROCLOR-1260	ug/kg	6.1 U	6.1 U	5.7 U	5.4 U	12.9 J	6.9 UJ	34.1	
SW8082	AROCLOR-1268	ug/kg	6.1 U	6.1 U	5.7 U	5.4 U	6.8 UJ	6.9 UJ	4.4 U	
SW8082	PCBS, N.O.S.	ug/kg	6.1 U	6.1 U	5.7 U	5.4 U	93.3 J	6.9 UJ	94	
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	670 U	19 U	9 U	9.2 U	10 UJ	11 UJ	7.5 U	
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	670 U	19 U	9 U	9.2 U	10 UJ	11 UJ	7.5 U	
SW8260	1,2-DICHLOROBENZENE	ug/kg	670 U	19 U	9 U	9.2 U	10 UJ	11 UJ	7.5 U	
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	670 U	19 U	9 UJ	9.2 U	10 UJ	11 UJ	7.5 U	
SW8260	1,3-DICHLOROBENZENE	ug/kg	670 U	19 U	9 U	9.2 U	10 UJ	11 UJ	7.5 U	
SW8260	1,4-DICHLOROBENZENE	ug/kg	670 U	19 U	9 U	9.2 U	10 UJ	11 UJ	7.5 U	
SW8260	BENZENE	ug/kg	130 U	9.2	1.8 U	1.8 U	2.1 UJ	2.1 UJ	1.5 U	
SW8260	CHLOROBENZENE	ug/kg	670 U	19 U	9 U	9.2 U	10 UJ	11 UJ	7.5 U	
SW8260	ETHYLBENZENE	ug/kg	442 J	123 J	1.8 U	1.8 U	2.1 UJ	2.1 UJ	1.5 U	
SW8260	NAPHTHALENE	ug/kg	58300 J	375 J	162	13.9	10 UJ	11 UJ	7.5 U	
SW8260	O-XYLENE	ug/kg	497 J	125 J	13.5	2.7	2.1 UJ	2.1 UJ	1.5 U	
SW8260	TOLUENE	ug/kg	94.4 J	12.1	1.8 U	1.8 U	2.1 UJ	2.1 UJ	1.5 U	
SW8260	XYLENES, M & P	ug/kg	251 J	52.5	1.6 J	3.7 U	4.1 UJ	4.2 UJ	3 U	
SW8260	XYLENES, TOTAL	ug/kg	749 J	178 J	15.1	2.7 J	4.1 UJ	4.2 UJ	3 U	
SW8270	ACENAPHTHENE	ug/kg	19300	15000	1300	1090	31 J	18.9 J	569	
SW8270	ACENAPHTHYLENE	ug/kg	1380 J	807 J	196 J	130	5.9 UJ	5.9 UJ	378	
SW8270	ANTHRACENE	ug/kg	16200	13000	1780	1830	35.2 J	30.2 J	1650	
SW8270	BENZO(A)ANTHRACENE	ug/kg	9460	7280	2490	2110	44.7 J	47.8 J	3120	
SW8270	BENZO(A)PYRENE	ug/kg	5780	3530	2690	1570	28.4 J	32.2 J	2820	
SW8270	BENZO(B)FLUORANTHENE	ug/kg	3660	2470	2300	1530	39.4 J	43.7 J	2450	
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	2010	1290	1680	720	13.9 J	19.1 J	1390	
SW8270	BENZO(K)FLUORANTHENE	ug/kg	1170 J	654 J	773	656	9.83 J	11.5 J	2240	
SW8270	CHRYSENE	ug/kg	7680 J	4400 J	2720	1670	26.9 J	29 J	2970	
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	520	391	362	247	5.9 UJ	5.86 J	505	
SW8270	FLUORANTHENE	ug/kg	14800	12100	4550	4210	67.1 J	67.9 J	6430	
SW8270	FLUORENE	ug/kg	10000	8210	677	858	17.4 J	13.7 J	817	
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	1550	934	932	661	13.4 J	16.9 J	1400	
SW8270	PHENANTHREN	ug/kg	48000	39900	6000	4830	85.9 J	77.2 J	4110	
SW8270	PHENOL	ug/kg								
SW8270	PYRENE	ug/kg	25400	22200	6840	4080	79.2 J	84.6 J	4730	
SW9045	pH	S.U.	7.21	6.95	7.29	7.05	6.88 J	6.99 J	7.82	

TABLE 3
SUMMARY OF VIBRACORE SEDIMENT ANALYTICAL RESULTS

		Location	OL-VC-60246	OL-VC-60246	OL-VC-60246
	Sample Depth	1-2 Ft	2-3 Ft	3-4 Ft	
	Field Sample ID	OL-0880-15	OL-0880-16	OL-0880-17	
	Sample Date	8/12/2009	8/12/2009	8/12/2009	
	Sample Delivery Group	JA25455	JA25455	JA25455	
	Matrix	SOIL	SOIL	SOIL	
	Sample Purpose	Regular sample	Regular sample	Regular sample	
	Sample Type	Sediment	Sediment	Sediment	
Method	Parameter Name	Units			
ASTM D4643-00	SOLIDS, PERCENT	%			
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	13700	16400	18500
SM2540G	PERCENT MOISTURE	%			
SM2540G	SOLIDS, PERCENT	%	60.3	57	62
SW7471	MERCURY	mg/kg	0.018 U	0.02 U	0.018 U
SW8082	AROCLOR-1016	ug/kg	5.5 U	5.7 U	5.3 U
SW8082	AROCLOR-1221	ug/kg	5.5 U	5.7 U	5.3 U
SW8082	AROCLOR-1232	ug/kg	5.5 U	5.7 U	5.3 U
SW8082	AROCLOR-1242	ug/kg	5.5 U	34.8	5.3 U
SW8082	AROCLOR-1248	ug/kg	5.5 U	5.7 U	5.3 U
SW8082	AROCLOR-1254	ug/kg	5.5 U	5.7 U	5.3 U
SW8082	AROCLOR-1260	ug/kg	5.5 U	5.7 U	5.3 U
SW8082	AROCLOR-1268	ug/kg	5.5 U	5.7 U	5.3 U
SW8082	PCBS, N.O.S.	ug/kg	5.5 U	34.8	5.3 U
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	9.2 U	10 U	9.4 U
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	9.2 U	10 U	9.4 U
SW8260	1,2-DICHLOROBENZENE	ug/kg	9.2 U	10 U	9.4 U
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	9.2 U	10 U	9.4 U
SW8260	1,3-DICHLOROBENZENE	ug/kg	9.2 U	10 U	9.4 U
SW8260	1,4-DICHLOROBENZENE	ug/kg	9.2 U	10 U	9.4 U
SW8260	BENZENE	ug/kg	1.8 U	2 U	1.9 U
SW8260	CHLOROBENZENE	ug/kg	9.2 U	10 U	9.4 U
SW8260	ETHYLBENZENE	ug/kg	1.8 U	2 U	1.9 U
SW8260	NAPHTHALENE	ug/kg	9.2 U	10 U	9.4 U
SW8260	O-XYLENE	ug/kg	1.8 U	2 U	1.9 U
SW8260	TOLUENE	ug/kg	1.8 U	2 U	1.9 U
SW8260	XYLENES, M & P	ug/kg	3.7 U	4.1 U	3.8 U
SW8260	XYLENES, TOTAL	ug/kg	3.7 U	4.1 U	3.8 U
SW8270	ACENAPHTHENE	ug/kg	4.7 U	5 U	4.6 U
SW8270	ACENAPHTHYLENE	ug/kg	4.7 U	5 U	4.6 U
SW8270	ANTHRACENE	ug/kg	4.7 U	5 U	4.6 U
SW8270	BENZO(A)ANTHRACENE	ug/kg	4.7 U	5 U	4.6 U
SW8270	BENZO(A)PYRENE	ug/kg	4.7 U	5 U	4.6 U
SW8270	BENZO(B)FLUORANTHENE	ug/kg	4.7 U	5 U	4.6 U
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	4.7 U	5 U	4.6 U
SW8270	BENZO(K)FLUORANTHENE	ug/kg	4.7 U	5 U	4.6 U
SW8270	CHRYSENE	ug/kg	4.7 U	5 U	4.6 U
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	4.7 U	5 U	4.6 U
SW8270	FLUORANTHENE	ug/kg	4.7 U	5 U	4.6 U
SW8270	FLUORENE	ug/kg	4.7 U	5 U	4.6 U
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	4.7 U	5 U	4.6 U
SW8270	PHENANTHRENE	ug/kg	4.7 U	5 U	4.6 U
SW8270	PHENOL	ug/kg			
SW8270	PYRENE	ug/kg	4.7 U	5 U	4.6 U
SW9045	pH	S.U.	7.32	7.26	7.39

TABLE 3
SUMMARY OF VIBRACORE SEDIMENT ANALYTICAL RESULTS

		Location	OL-VC-60246	OL-VC-60246	OL-VC-60247	OL-VC-60247	OL-VC-60247	OL-VC-60247	OL-VC-60247	OL-VC-60247
		Sample Depth	4-5 Ft	5-6 Ft	0-1 Ft	1-2 Ft	2-3 Ft	2-3 Ft	3-4 Ft	
		Field Sample ID	OL-0880-18	OL-0880-19	OL-0871-01	OL-0871-02	OL-0871-03	OL-0871-04	OL-0871-05	
		Sample Date	8/12/2009	8/12/2009	8/6/2009	8/6/2009	8/6/2009	8/6/2009	8/6/2009	
		Sample Delivery Group	JA25455	JA25455	JA25059	JA25059	JA25059	JA25059	JA25059	
		Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	
		Sample Purpose	Regular sample	Field duplicate	Regular sample					
		Sample Type	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	
Method	Parameter Name	Units								
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	17000	23600	17700	7680	9520	10400	14100	
SM2540G	SOLIDS, PERCENT	%	60.3	58.8	67.8	79.9	68.3	68	65.6	
SW7471	MERCURY	mg/kg	0.018 U	0.024 J	0.19	0.095	0.016 U	0.017 U	0.017	
SW8082	AROCLOR-1016	ug/kg	5.5 U	5.7 U	4.9 U	4.1 U	4.8 U	4.8 U	5.1	
SW8082	AROCLOR-1221	ug/kg	5.5 U	5.7 U	4.9 U	4.1 U	4.8 U	4.8 U	5.1	
SW8082	AROCLOR-1232	ug/kg	5.5 U	5.7 U	4.9 U	4.1 U	4.8 U	4.8 U	5.1	
SW8082	AROCLOR-1242	ug/kg	5.5 U	5.7 U	4.9 U	4.1 U	4.8 U	4.8 U	5.1	
SW8082	AROCLOR-1248	ug/kg	5.5 U	5.7 U	4.9 U	4.1 U	4.8 U	4.8 U	173	
SW8082	AROCLOR-1254	ug/kg	5.5 U	5.7 U	4.9 U	4.1 U	4.8 U	4.8 U	5.1	
SW8082	AROCLOR-1260	ug/kg	5.5 U	5.7 U	4.9 U	4.1 U	4.8 U	4.8 U	71.1	
SW8082	AROCLOR-1268	ug/kg	5.5 U	5.7 U	4.9 U	4.1 U	4.8 U	4.8 U	5.1	
SW8082	PCBS, N.O.S.	ug/kg	5.5 U	5.7 U	4.9 U	4.1 U	4.8 U	4.8 U	244	
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	9.6 U	9.7 U	7.5 U	6.4 U	6.9 U	6.9 U	7.9	
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	9.6 U	9.7 U	7.5 U	6.4 U	6.9 U	6.9 U	7.9	
SW8260	1,2-DICHLOROBENZENE	ug/kg	9.6 U	9.7 U	7.5 U	6.4 U	6.9 U	6.9 U	7.9	
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	9.6 U	9.7 U	7.5 U	6.4 U	6.9 U	6.9 U	7.9	
SW8260	1,3-DICHLOROBENZENE	ug/kg	9.6 U	9.7 U	7.5 U	6.4 U	6.9 U	6.9 U	7.9	
SW8260	1,4-DICHLOROBENZENE	ug/kg	9.6 U	9.7 U	7.5 U	6.4 U	6.9 U	6.9 U	7.9	
SW8260	BENZENE	ug/kg	1.9 U	1.9 U	1.5 U	1.3 U	1.4 U	1.4 U	1.6	
SW8260	CHLOROBENZENE	ug/kg	9.6 U	9.7 U	7.5 U	6.4 U	6.9 U	6.9 U	7.9	
SW8260	ETHYLBENZENE	ug/kg	1.9 U	1.9 U	1.5 U	1.3 U	1.4 U	1.4 U	1.6	
SW8260	NAPHTHALENE	ug/kg	9.6 U	9.7 U	6.7 J	6.9	4.2 J	6.9 U	7.9	
SW8260	O-XYLENE	ug/kg	1.9 U	1.9 U	1.9	1.3 U	1.4 U	1.4 U	1.6	
SW8260	TOLUENE	ug/kg	1.9 U	1.9 U	1.5 U	1.3 U	1.4 U	1.4 U	1.6	
SW8260	XYLEMES, M & P	ug/kg	3.9 U	3.9 U	1.2 J	0.73 J	2.8 U	2.8 U	3.2	
SW8260	XYLEMES, TOTAL	ug/kg	3.9 U	3.9 U	3.1	0.73 J	2.8 U	2.8 U	3.2	
SW8270	ACENAPHTHENE	ug/kg	4.7 U	4.9 U	2750	369	52.3 J	4.2 UJ	5.15	
SW8270	ACENAPHTHYLENE	ug/kg	4.7 U	4.9 U	516	118	18 J	4.2 UJ	4.3	
SW8270	ANTHRACENE	ug/kg	4.7 U	4.9 U	2390	764	73 J	7.29 J	4.81	
SW8270	BENZO(A)ANTHRACENE	ug/kg	4.7 U	4.9 U	1350	815	75.2 J	10.9 J	4.3	
SW8270	BENZO(A)PYRENE	ug/kg	4.7 U	4.9 U	1030	652	37.3 J	4.2 UJ	4.3	
SW8270	BENZO(B)FLUORANTHENE	ug/kg	4.7 U	4.9 U	811	609	51.7 J	4.2 UJ	4.3	
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	4.7 U	4.9 U	425	243	17.2 J	4.2 UJ	4.3	
SW8270	BENZO(K)FLUORANTHENE	ug/kg	4.7 U	4.9 U	305	271	14.9 J	4.2 UJ	4.3	
SW8270	CHRYSENE	ug/kg	4.7 U	4.9 U	1300	685	50.3 J	5.68 J	4.3	
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	4.7 U	4.9 U	146	99.8	6.72 J	4.2 UJ	4.3	
SW8270	FLUORANTHENE	ug/kg	4.7 U	4.9 U	2520	1380	113 J	12 J	6.73	
SW8270	FLUORENE	ug/kg	4.7 U	4.9 U	1690	214	19.6 J	4.2 UJ	4.3	
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	4.7 U	4.9 U	378	252	17.2 J	4.2 UJ	4.3	
SW8270	PHENANTHRENE	ug/kg	4.7 U	4.9 U	6390	876	99.8 J	11.2 J	6.38	
SW8270	PYRENE	ug/kg	4.7 U	4.9 U	3510	1230	128 J	12.6 J	8.56	
SW9045	pH	S.U.	7.17	7.16	7.62	7.97	7.51	7.21	7.38	

TABLE 3
SUMMARY OF VIBRACORE SEDIMENT ANALYTICAL RESULTS

		Location	OL-VC-60247	OL-VC-60247	OL-VC-60248	OL-VC-60248	OL-VC-60248	OL-VC-60248	OL-VC-60248
	Sample Depth		4-5 Ft	5-6 Ft	0-1 Ft	1-2 Ft	2-3 Ft	3-4 Ft	
	Field Sample ID		OL-0871-06	OL-0871-07	OL-0871-08	OL-0871-09	OL-0871-10	OL-0871-11	
	Sample Date		8/6/2009	8/6/2009	8/6/2009	8/6/2009	8/6/2009	8/6/2009	
	Sample Delivery Group		JA25059	JA25059	JA25059	JA25059	JA25059	JA25059	
	Matrix	SOIL							
	Sample Purpose	Regular sample							
	Sample Type	Sediment							
Method	Parameter Name	Units							
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg		14800	13900	28600	10900	14100	11700
SM2540G	SOLIDS, PERCENT	%		63.2	62.1	70.8	76.2	61.4	67.7
SW7471	MERCURY	mg/kg	U	0.019 U	0.017 U	1.2	0.11	0.018 U	0.015 U
SW8082	AROCLOR-1016	ug/kg	U	5.2 U	5.3 U	4.7 U	4.3 U	5.4 U	4.8 U
SW8082	AROCLOR-1221	ug/kg	U	5.2 U	5.3 U	4.7 U	4.3 U	5.4 U	4.8 U
SW8082	AROCLOR-1232	ug/kg	U	5.2 U	5.3 U	4.7 U	4.3 U	5.4 U	4.8 U
SW8082	AROCLOR-1242	ug/kg	U	5.2 U	5.3 U	4.7 U	4.3 U	5.4 U	4.8 U
SW8082	AROCLOR-1248	ug/kg		5.2 U	5.3 U	4.7 U	4.3 U	5.4 U	4.8 U
SW8082	AROCLOR-1254	ug/kg	U	5.2 U	5.3 U	4.7 U	4.3 U	5.4 U	4.8 U
SW8082	AROCLOR-1260	ug/kg		5.2 U	5.3 U	4.7 U	4.3 U	5.4 U	4.8 U
SW8082	AROCLOR-1268	ug/kg	U	5.2 U	5.3 U	4.7 U	4.3 U	5.4 U	4.8 U
SW8082	PCBS, N.O.S.	ug/kg		5.2 U	5.3 U	4.7 U	4.3 U	5.4 U	4.8 U
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	U	7.3 U	7.6 U	430 U	6.4 U	7.8 U	7.5 U
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	U	7.3 U	7.6 U	430 U	6.4 U	7.8 U	7.5 U
SW8260	1,2-DICHLOROBENZENE	ug/kg	U	7.3 U	7.6 U	430 U	6.4 U	7.8 U	7.5 U
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	U	7.3 U	7.6 U	430 U	6.4 U	7.8 U	7.5 U
SW8260	1,3-DICHLOROBENZENE	ug/kg	U	7.3 U	7.6 U	430 U	6.4 U	7.8 U	7.5 U
SW8260	1,4-DICHLOROBENZENE	ug/kg	U	7.3 U	7.6 U	430 U	6.4 U	7.8 U	7.5 U
SW8260	BENZENE	ug/kg	U	1.5 U	1.5 U	87 U	1.3 U	1.6 U	1.5 U
SW8260	CHLOROBENZENE	ug/kg	U	7.3 U	7.6 U	430 U	6.4 U	7.8 U	7.5 U
SW8260	ETHYLBENZENE	ug/kg	U	1.5 U	1.5 U	87 U	1.3 U	1.6 U	1.5 U
SW8260	NAPHTHALENE	ug/kg	U	7.3 U	7.6 U	4750	17.2	7.8 U	7.5 U
SW8260	O-XYLENE	ug/kg	U	1.5 U	1.5 U	103	2.5	1.6 U	1.5 U
SW8260	TOLUENE	ug/kg	U	1.5 U	1.5 U	87 U	1.3 U	1.6 U	1.5 U
SW8260	XYLENES, M & P	ug/kg	U	2.9 U	3 U	78.9 J	1.5 J	3.1 U	3 U
SW8260	XYLENES, TOTAL	ug/kg		2.9 U	3 U	182	4	3.1 U	3 U
SW8270	ACENAPHTHENE	ug/kg		4.5 U	4.6 U	5940	782	77.3	10.8
SW8270	ACENAPHTHYLENE	ug/kg	U	4.5 U	4.6 U	1510	187	25.2	5.06
SW8270	ANTHRACENE	ug/kg		4.5 U	4.6 U	6160	775	71.3	12.3
SW8270	BENZO(A)ANTHRACENE	ug/kg	U	4.5 U	4.6 U	3580	617	67.7	16.7
SW8270	BENZO(A)PYRENE	ug/kg	U	4.5 U	4.6 U	2750	492	37.1	8.35
SW8270	BENZO(B)FLUORANTHENE	ug/kg	U	4.5 U	4.6 U	2600	406	49.2	11
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	U	4.5 U	4.6 U	1100	221	20.4	4.83
SW8270	BENZO(K)FLUORANTHENE	ug/kg	U	4.5 U	4.6 U	679	212	16.4	4.2
SW8270	CHRYSENE	ug/kg	U	4.5 U	4.6 U	3350	567	55.5	11.5
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	U	4.5 U	4.6 U	424	68.7	7.16	4.2 U
SW8270	FLUORANTHENE	ug/kg		4.5 U	4.6 U	6580	1070	101	19.9
SW8270	FLUORENE	ug/kg	U	4.5 U	4.6 U	3850	597	49	7.1
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	U	4.5 U	4.6 U	1020	197	20.4	4.7
SW8270	PHENANTHREN	ug/kg		4.5 U	4.6 U	15600	2060	201	35.5
SW8270	PYRENE	ug/kg		4.5 U	4.6 U	8880	1310	128	26.2
SW9045	pH	S.U.		7.3	7.17	7.57	7.57	7.06	7.06

TABLE 3
SUMMARY OF VIBRACORE SEDIMENT ANALYTICAL RESULTS

		Location	OL-VC-60248	OL-VC-60248	OL-VC-60249	OL-VC-60249	OL-VC-60249	OL-VC-60249	OL-VC-60249	OL-VC-60249
Method	Parameter Name	Units								
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	14600	11100	62000 J	30500	11200	24300	26100	
SM2540G	SOLIDS, PERCENT	%	59.4	67.8	47.5	59.6	59.7	58.4	59.9	
SW7471	MERCURY	mg/kg	0.025 J	0.016 U	1.6 J	2.1	1.3	0.44	0.069	
SW8082	AROCOLOR-1016	ug/kg	5.5 U	4.9 U	7 UJ	5.6 U	5.5 U	5.7 U	5.6	
SW8082	AROCOLOR-1221	ug/kg	5.5 U	4.9 U	7 UJ	5.6 U	5.5 U	5.7 U	5.6	
SW8082	AROCOLOR-1232	ug/kg	5.5 U	4.9 U	7 UJ	5.6 U	5.5 U	5.7 U	5.6	
SW8082	AROCOLOR-1242	ug/kg	5.5 U	4.9 U	7 UJ	5.6 U	5.5 U	5.7 U	5.6	
SW8082	AROCOLOR-1248	ug/kg	5.5 U	4.9 U	33.8 J	5.6 U	5.5 U	5.7 U	5.6	
SW8082	AROCOLOR-1254	ug/kg	5.5 U	4.9 U	51.7 J	5.6 U	5.5 U	5.7 U	5.6	
SW8082	AROCOLOR-1260	ug/kg	5.5 U	4.9 U	60 J	5.6 U	5.5 U	5.7 U	5.6	
SW8082	AROCOLOR-1268	ug/kg	5.5 U	4.9 U	7 UJ	5.6 U	5.5 U	5.7 U	5.6	
SW8082	PCBS, N.O.S.	ug/kg	5.5 U	4.9 U	146 J	5.6 U	5.5 U	5.7 U	5.6	
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	8.3 U	7.7 U	3.7 J	9.1 U	8.9 U	7.8 U	8.2	
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	8.3 U	7.7 U	11 UJ	9.1 U	8.9 U	7.8 U	8.2	
SW8260	1,2-DICHLOROBENZENE	ug/kg	8.3 U	7.7 U	2.2 J	1.1 J	8.9 U	7.8 U	8.2	
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	8.3 U	7.7 U	11 UJ	9.1 U	8.9 U	7.8 U	8.2	
SW8260	1,3-DICHLOROBENZENE	ug/kg	8.3 U	7.7 U	11 UJ	9.1 U	8.9 U	7.8 U	8.2	
SW8260	1,4-DICHLOROBENZENE	ug/kg	8.3 U	7.7 U	1.8 J	1.5 J	8.9 U	7.8 U	8.2	
SW8260	BENZENE	ug/kg	1.7 U	1.5 U	11.4 J	8.5	2.3	1.6 U	1.6	
SW8260	CHLOROBENZENE	ug/kg	8.3 U	7.7 U	11 UJ	1.3 J	0.6 J	7.8 U	8.2	
SW8260	ETHYLBENZENE	ug/kg	1.7 U	1.5 U	1.8 J	5.4	1.6 J	1.6 U	1.6	
SW8260	NAPHTHALENE	ug/kg	8.3 U	7.7 U	39.2 J	20800	5270	21	15.5	
SW8260	O-XYLENE	ug/kg	1.7 U	1.5 U	33.2 J	46.2	21	1.4 J	1	
SW8260	TOLUENE	ug/kg	1.7 U	1.5 U	1.4 J	3.3	1.2 J	1.6 U	1.6	
SW8260	XYLENES, M & P	ug/kg	3.3 U	3.1 U	11.1 J	24.8	10.7	0.79 J	3.3	
SW8260	XYLENES, TOTAL	ug/kg	3.3 U	3.1 U	44.3 J	71	31.7	2.2 J	1	
SW8270	ACENAPHTHENE	ug/kg	4.8 U	4.1 U	2830 J	3980	942	186	113	
SW8270	ACENAPHTHYLENE	ug/kg	4.8 U	4.1 U	600 J	897	390	59.6	27.6	
SW8270	ANTHRACENE	ug/kg	4.8 U	4.1 U	1860 J	3600	3120	350	157	
SW8270	BENZO(A)ANTHRACENE	ug/kg	4.8 U	4.1 U	1470 J	2290	4320	633	140	
SW8270	BENZO(A)PYRENE	ug/kg	4.8 U	4.1 U	1220 J	1580	3900	486	130	
SW8270	BENZO(B)FLUORANTHENE	ug/kg	4.8 U	4.1 U	1330 J	1160	3740	460	120	
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	4.8 U	4.1 U	573 J	617	1540	165	55.9	
SW8270	BENZO(K)FLUORANTHENE	ug/kg	4.8 U	4.1 U	500 J	472	1350	194	45.3	
SW8270	CHRYSENE	ug/kg	4.8 U	4.1 U	1550 J	1940	3410	491	144	
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	4.8 U	4.1 U	194 J	202	532	71.5	48	
SW8270	FLUORANTHENE	ug/kg	4.8 U	4.1 U	3480 J	4290	8160	909	248	
SW8270	FLUORENE	ug/kg	4.8 U	4.1 U	1630 J	2930	1170	233	95.7	
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	4.8 U	4.1 U	529 J	480	1570	168	51.2	
SW8270	PHENANTHRENE	ug/kg	4.8 U	4.1 U	6310 J	10900	6400	757	374	
SW8270	PYRENE	ug/kg	4.8 U	4.1 U	3790 J	5900	7450	853	283	
SW9045	pH	S.U.	7.05	7.37	7.29 J	7.26	7.4	6.9	7.42	

TABLE 3
SUMMARY OF VIBRACORE SEDIMENT ANALYTICAL RESULTS

		Location	OL-VC-60249	OL-VC-60250	OL-VC-60250	OL-VC-60250	OL-VC-60250	OL-VC-60250	OL-VC-60250
	Sample Depth		5-6 Ft	0-1 Ft	1-2 Ft	2-3 Ft	3-4 Ft	4-5 Ft	
	Field Sample ID		OL-0861-12	OL-0883-09	OL-0883-10	OL-0883-11	OL-0883-12	OL-0883-13	
	Sample Date		8/4/2009	8/13/2009	8/13/2009	8/13/2009	8/13/2009	8/13/2009	
	Sample Delivery Group		JA24768	JA25600	JA25600	JA25600	JA25600	JA25600	
	Matrix	SOIL							
	Sample Purpose	Regular sample							
	Sample Type	Sediment							
Method	Parameter Name	Units							
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	16400	60200	11500	27600	12100	14500	
SM2540G	SOLIDS, PERCENT	%	56.7	59.9	72.9	54.9	60.2	61.9	
SW7471	MERCURY	mg/kg	R	1.1	0.26	0.031 J	0.018 U	0.02 J	
SW8082	AROCLOR-1016	ug/kg	U	5.8 U	5.6 U	4.5 U	6 U	5.5 U	5.2 U
SW8082	AROCLOR-1221	ug/kg	U	5.8 U	5.6 U	4.5 U	6 U	5.5 U	5.2 U
SW8082	AROCLOR-1232	ug/kg	U	5.8 U	5.6 U	4.5 U	6 U	5.5 U	5.2 U
SW8082	AROCLOR-1242	ug/kg	U	5.8 U	5.6 U	4.5 U	6 U	5.5 U	5.2 U
SW8082	AROCLOR-1248	ug/kg	U	5.8 U	5.6 U	4.5 U	6 U	5.5 U	5.2 U
SW8082	AROCLOR-1254	ug/kg	U	5.8 U	5.6 U	4.5 U	6 U	5.5 U	5.2 U
SW8082	AROCLOR-1260	ug/kg	U	5.8 U	5.6 U	4.5 U	6 U	5.5 U	5.2 U
SW8082	AROCLOR-1268	ug/kg	U	5.8 U	5.6 U	4.5 U	6 U	5.5 U	5.2 U
SW8082	PCBS, N.O.S.	ug/kg	U	5.8 U	5.6 U	4.5 U	6 U	5.5 U	5.2 U
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	U	9.2 U	17 U	13 U	8.6 U	7.8 U	7.9 U
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	U	9.2 U	17 U	13 U	8.6 U	7.8 U	7.9 U
SW8260	1,2-DICHLOROBENZENE	ug/kg	U	9.2 U	2.1 J	13 U	8.6 U	7.8 U	7.9 U
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	U	9.2 U	17 U	13 U	8.6 U	7.8 U	7.9 U
SW8260	1,3-DICHLOROBENZENE	ug/kg	U	9.2 U	17 U	13 U	8.6 U	7.8 U	7.9 U
SW8260	1,4-DICHLOROBENZENE	ug/kg	U	9.2 U	17 U	13 U	8.6 U	7.8 U	7.9 U
SW8260	BENZENE	ug/kg	U	1.8 U	6	1 J	1.7 U	1.6 U	1.6 U
SW8260	CHLOROBENZENE	ug/kg	U	0.83 J	17 U	13 U	8.6 U	7.8 U	7.9 U
SW8260	ETHYLBENZENE	ug/kg	U	1.8 U	53.7	140	4.4	1.6 U	1.6 U
SW8260	NAPHTHALENE	ug/kg		29.1	188000 J	4940	84.5	3.2 J	7.9 U
SW8260	O-XYLENE	ug/kg	J	1 J	74.6	87.9	15.8	3	1.6 U
SW8260	TOLUENE	ug/kg	U	1.8 U	4.4	2.3 J	0.58 J	0.55 J	1.6 U
SW8260	XYLEMES, M & P	ug/kg	U	3.7 U	44	18.4	3.4	1 J	3.2 U
SW8260	XYLEMES, TOTAL	ug/kg	J	1 J	119	106	19.2	4	3.2 U
SW8270	ACENAPHTHENE	ug/kg		5.69	3670 J	603	86	4.7 U	4.6 U
SW8270	ACENAPHTHYLENE	ug/kg	J	5 U	195 J	109	5.2 U	4.7 U	4.6 U
SW8270	ANTHRACENE	ug/kg		5 U	2610	521	76.3	4.7 U	4.6 U
SW8270	BENZO(A)ANTHRACENE	ug/kg		5 U	1640	496	66.2	4.7 U	4.6 U
SW8270	BENZO(A)PYRENE	ug/kg		5 U	981 J	384	50.3	4.7 U	4.6 U
SW8270	BENZO(B)FLUORANTHENE	ug/kg		5 U	1040	264	87	4.7 U	4.6 U
SW8270	BENZO(G,H,I)PERYLENE	ug/kg		5 U	446 J	155	13.3	4.7 U	4.6 U
SW8270	BENZO(K)FLUORANTHENE	ug/kg		5 U	484 J	195	17.8	4.7 U	4.6 U
SW8270	CHRYSENE	ug/kg		5 U	1600 J	436	42.2	4.7 U	4.6 U
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	U	5 U	170 J	56.9	5.2 U	4.7 U	4.6 U
SW8270	FLUORANTHENE	ug/kg		5 U	3190 J	705	140	4.7 U	4.6 U
SW8270	FLUORENE	ug/kg		5 U	2000 J	420	93.9	4.7 U	4.6 U
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg		5 U	515 J	141	10.9	4.7 U	4.6 U
SW8270	PHENANTHREN	ug/kg		10.2	7490 J	1440	249	4.7 U	4.6 U
SW8270	PYRENE	ug/kg		5 U	3800 J	769	136	4.7 U	4.6 U
SW9045	pH	S.U.		7.35	7	7.54	6.84	7.11	7.01

TABLE 3
SUMMARY OF VIBRACORE SEDIMENT ANALYTICAL RESULTS

		Location	OL-VC-60250	OL-VC-60250	OL-VC-60251	OL-VC-60251	OL-VC-60251	OL-VC-60251	OL-VC-60251
	Sample Depth		5-6.1 Ft	5-6.1 Ft	0-1 Ft	1-2 Ft	2-3 Ft	3-4 Ft	4-5 Ft
	Field Sample ID		OL-0883-14	OL-0883-15	OL-0884-09	OL-0884-10	OL-0884-11	OL-0884-12	OL-0884-13
	Sample Date		8/13/2009	8/13/2009	8/13/2009	8/13/2009	8/13/2009	8/13/2009	8/13/2009
	Sample Delivery Group		JA25600	JA25600	JA25601	JA25601	JA25601	JA25601	JA25601
	Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	Sample Purpose	Regular sample	Field duplicate	Regular sample					
	Sample Type	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment
Method	Parameter Name	Units							
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	20900	19900	67500	61000	8420	21500	21000
SM2540G	SOLIDS, PERCENT	%	60.4	63.9	50.7	55.9	67.4	60.8	56.8
SW7471	MERCURY	mg/kg	0.022 J	0.019 U	1.8	1.4	0.057	0.21	0.071
SW8082	AROCLOR-1016	ug/kg	5.4 U	5.2 U	6.4 U	5.8 U	4.9 U	5.4 U	5.8 U
SW8082	AROCLOR-1221	ug/kg	5.4 U	5.2 U	6.4 U	5.8 U	4.9 U	5.4 U	5.8 U
SW8082	AROCLOR-1232	ug/kg	5.4 U	5.2 U	6.4 U	5.8 U	4.9 U	5.4 U	5.8 U
SW8082	AROCLOR-1242	ug/kg	5.4 U	5.2 U	6.4 U	5.8 U	4.9 U	5.4 U	5.8 U
SW8082	AROCLOR-1248	ug/kg	5.4 U	5.2 U	6.4 U	5.8 U	4.9 U	5.4 U	5.8 U
SW8082	AROCLOR-1254	ug/kg	5.4 U	5.2 U	6.4 U	5.8 U	4.9 U	5.4 U	5.8 U
SW8082	AROCLOR-1260	ug/kg	5.4 U	5.2 U	6.4 U	5.8 U	4.9 U	5.4 U	5.8 U
SW8082	AROCLOR-1268	ug/kg	5.4 U	5.2 U	6.4 U	5.8 U	4.9 U	5.4 U	5.8 U
SW8082	PCBS, N.O.S.	ug/kg	5.4 U	5.2 U	6.4 U	5.8 U	4.9 U	5.4 U	5.8 U
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	7.7 U	7.7 U	20 U	45 U	7.4 U	7.9 U	8.6 U
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	7.7 U	7.7 U	20 U	45 U	7.4 U	7.9 U	8.6 U
SW8260	1,2-DICHLOROBENZENE	ug/kg	7.7 U	7.7 U	4.8 J	9.4 J	7.4 U	7.9 U	8.6 U
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	7.7 U	7.7 U	20 U	45 U	7.4 U	7.9 U	8.6 U
SW8260	1,3-DICHLOROBENZENE	ug/kg	7.7 U	7.7 U	20 U	45 U	7.4 U	7.9 U	8.6 U
SW8260	1,4-DICHLOROBENZENE	ug/kg	7.7 U	7.7 U	6.1 J	8.6 J	7.4 U	7.9 U	8.6 U
SW8260	BENZENE	ug/kg	1.5 U	1.5 U	26.9	20.7	1.5 U	1.6 U	1.7 U
SW8260	CHLOROBENZENE	ug/kg	7.7 U	7.7 U	20 U	3.2 J	7.4 U	7.9 U	8.6 U
SW8260	ETHYLBENZENE	ug/kg	1.5 U	1.5 U	756	673	1.2 J	1.2 J	1.7 U
SW8260	NAPHTHALENE	ug/kg	7.7 U	7.7 U	95800	14200	49.4	3.6 J	8.6 U
SW8260	O-XYLENE	ug/kg	1.5 U	1.5 U	582	1200	2.1	1.8	1.7 U
SW8260	TOLUENE	ug/kg	1.5 U	1.5 U	25.4	78	1.5 U	1.6 U	1.7 U
SW8260	XYLEMES, M & P	ug/kg	3.1 U	3.1 U	230	676	1.1 J	0.76 J	3.5 U
SW8260	XYLEMES, TOTAL	ug/kg	3.1 U	3.1 U	812	1880	3.2	2.6 J	3.5 U
SW8270	ACENAPHTHENE	ug/kg	4.7 U	4.5 U	13100	16400	473	64.4	18
SW8270	ACENAPHTHYLENE	ug/kg	4.7 U	4.5 U	2080	1990	123	10.7	5 U
SW8270	ANTHRACENE	ug/kg	4.7 U	4.5 U	10900	7710	1420	231	17.5
SW8270	BENZO(A)ANTHRACENE	ug/kg	4.7 U	4.5 U	7070	3540	1610	322	11.4
SW8270	BENZO(A)PYRENE	ug/kg	4.7 U	4.5 U	4600	3310	1020	180	5 U
SW8270	BENZO(B)FLUORANTHENE	ug/kg	4.7 U	4.5 U	3550	2110	826	220	5 U
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	4.7 U	4.5 U	1640	1140	326	70	5 U
SW8270	BENZO(K)FLUORANTHENE	ug/kg	4.7 U	4.5 U	2180	1330	709	113	5 U
SW8270	CHRYSENE	ug/kg	4.7 U	4.5 U	7210	3740	1320	188	6.63
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	4.7 U	4.5 U	750	567	153	23.1	5 U
SW8270	FLUORANTHENE	ug/kg	4.7 U	4.5 U	11300	7440	3120	647	16.1
SW8270	FLUORENE	ug/kg	4.7 U	4.5 U	9180	10300	1030	141	9.89
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	4.7 U	4.5 U	1650	1080	377	72.2	5 U
SW8270	PHENANTHRENE	ug/kg	4.7 U	4.5 U	31600	33500	3190	577	47
SW8270	PYRENE	ug/kg	4.7 U	4.5 U	14900	10400	2500	457	22.6
SW9045	pH	S.U.	6.89	6.86	7.19	7.24	7.22	7.02	7.26

TABLE 3
SUMMARY OF VIBRACORE SEDIMENT ANALYTICAL RESULTS

		Location	OL-VC-60251	OL-VC-60252	OL-VC-60252	OL-VC-60252	OL-VC-60252	OL-VC-60252	OL-VC-60252	OL-VC-60252
		Sample Depth	5-6 Ft	0-1 Ft	1-2 Ft	2-3 Ft	3-4 Ft	3-4 Ft	3-4 Ft	4-5 Ft
		Field Sample ID	OL-0884-14	OL-0884-02	OL-0884-03	OL-0884-04	OL-0884-05	OL-0884-06	OL-0884-07	
		Sample Date	8/13/2009	8/13/2009	8/13/2009	8/13/2009	8/13/2009	8/13/2009	8/13/2009	8/13/2009
		Sample Delivery Group	JA25601	JA25601	JA25601	JA25601	JA25601	JA25601	JA25601	JA25601
		Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
		Sample Purpose	Regular sample	Field duplicate		Regular sample				
		Sample Type	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment
Method	Parameter Name	Units								
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	30100	43700	22100	12800	18800	16600	17300	
SM2540G	SOLIDS, PERCENT	%	55.6	56.8	59.6	71.5	59.7	64.1	62.2	
SW7471	MERCURY	mg/kg	0.071	1.6	1.6	0.091	0.3	0.46	0.23	
SW8082	AROCOLOR-1016	ug/kg	5.9 U	5.8 U	5.5 U	4.6 U	5.5 U	5.1 U	5.3	
SW8082	AROCOLOR-1221	ug/kg	5.9 U	5.8 U	5.5 U	4.6 U	5.5 U	5.1 U	5.3	
SW8082	AROCOLOR-1232	ug/kg	5.9 U	5.8 U	5.5 U	4.6 U	5.5 U	5.1 U	5.3	
SW8082	AROCOLOR-1242	ug/kg	5.9 U	5.8 U	5.5 U	4.6 U	5.5 U	5.1 U	5.3	
SW8082	AROCOLOR-1248	ug/kg	7.6	7.5 J	5.5 U	4.6 U	5.5 U	5.1 U	5.3	
SW8082	AROCOLOR-1254	ug/kg	6.3	11.9	5.5 U	4.6 U	5.5 U	5.1 U	5.3	
SW8082	AROCOLOR-1260	ug/kg	5.9 U	16.1	5.5 U	4.6 U	5.5 U	5.1 U	5.3	
SW8082	AROCOLOR-1268	ug/kg	5.9 U	5.8 U	5.5 U	4.6 U	5.5 U	5.1 U	5.3	
SW8082	PCBS, N.O.S.	ug/kg	13.9	35.5	5.5 U	4.6 U	5.5 U	5.1 U	5.3	
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	9 U	17 U	7.6 U	7 U	8.2 U	7.4 U	7.9	
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	9 U	17 U	7.6 U	7 U	8.2 U	7.4 U	7.9	
SW8260	1,2-DICHLOROBENZENE	ug/kg	9 U	3.7 J	7.6 U	7 U	8.2 U	7.4 U	7.9	
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	9 UJ	17 U	7.6 U	7 UU	8.2 U	7.4 U	7.9	
SW8260	1,3-DICHLOROBENZENE	ug/kg	9 U	17 U	7.6 U	7 U	8.2 U	7.4 U	7.9	
SW8260	1,4-DICHLOROBENZENE	ug/kg	9 U	4.8 J	7.6 U	7 U	8.2 U	7.4 U	7.9	
SW8260	BENZENE	ug/kg	1.8 U	21.2	6.6	1.4 U	1.6 U	1.5 U	1.6	
SW8260	CHLOROBENZENE	ug/kg	9 U	2.1 J	7.6 U	7 U	8.2 U	7.4 U	7.9	
SW8260	ETHYLBENZENE	ug/kg	1.8 U	507	14.9	1.4 U	1.6 U	1.5 U	1.6	
SW8260	NAPHTHALENE	ug/kg	9 U	39900	15900	17.5	7.1 J	4.3 J	1.3	
SW8260	O-XYLENE	ug/kg	1.8 U	357	76.9	2.8	1.6 U	1.1 J	1.6	
SW8260	TOLUENE	ug/kg	1.8 U	18.1	2.5	1.4 U	0.51 J	1.5 U	1.6	
SW8260	XYLEMES, M & P	ug/kg	3.6 U	136	18.8	2.4 J	1.3 J	2.9 U	3.2	
SW8260	XYLEMES, TOTAL	ug/kg	3.6 U	494	95.7	5.2	1.3 J	1.1 J	3.2	
SW8270	ACENAPHTHENE	ug/kg	5.1 U	10100	2550	785 J	239 J	89.5 J	45.7	
SW8270	ACENAPHTHYLENE	ug/kg	5.1 U	1400	365	92.5 J	56.8 J	21.4 J	6.48	
SW8270	ANTHRACENE	ug/kg	5.1 U	4380	2440	2270 J	475 J	156 J	157	
SW8270	BENZO(A)ANTHRACENE	ug/kg	5.1 U	4300	2380	2330 J	751 J	454 J	221	
SW8270	BENZO(A)PYRENE	ug/kg	5.1 U	2820	1910	1460 J	589 J	352 J	133	
SW8270	BENZO(B)FLUORANTHENE	ug/kg	5.1 U	1660	1390	1210 J	380 J	390 J	214	
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	5.1 U	1050	803	414 J	226 J	138 J	49.7	
SW8270	BENZO(K)FLUORANTHENE	ug/kg	5.1 U	1640	1090	1060 J	524 J	239 J	70.1	
SW8270	CHRYSENE	ug/kg	5.1 U	4440	2290	1990 J	636 J	396 J	139	
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	5.1 U	450	275	184 J	80 J	47.7 J	16	
SW8270	FLUORANTHENE	ug/kg	5.1 U	5030	4370	3710 J	1430 J	735 J	401	
SW8270	FLUORENE	ug/kg	5.1 U	6530	2060	1400 J	353 J	177 J	111	
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	5.1 U	961	701	478 J	250 J	126 J	47.8	
SW8270	PHENANTHRENE	ug/kg	5.1 U	20500	9170	5100 J	1130 J	663 J	348	
SW8270	PYRENE	ug/kg	5.1 U	6940	5710	3970 J	1070 J	597 J	286	
SW9045	pH	S.U.	7.23	7.21	7.35	7.13	7.35	7.28	7.2	

TABLE 3
SUMMARY OF VIBRACORE SEDIMENT ANALYTICAL RESULTS

		Location	OL-VC-60252	OL-VC-60253	OL-VC-60253	OL-VC-60253	OL-VC-60253	OL-VC-60253	OL-VC-60253
		Sample Depth	5-6 Ft	0-1 Ft	1-2 Ft	1-2 Ft	2-3 Ft	3-4 Ft	
Method	Parameter Name	Units							
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg		21300	28600	7850	8990	14000	11000
SM2540G	SOLIDS, PERCENT	%		57.1	55.5	55.3	52.6	53.5	54.3
SW7471	MERCURY	mg/kg		0.15	0.019 U	0.023 J	0.023 U	0.022 U	0.02 U
SW8082	AROCLOR-1016	ug/kg	U	5.7 U	6 U	5.9 UJ	6.2 U	6.2 U	6.1 U
SW8082	AROCLOR-1221	ug/kg	U	5.7 U	6 U	5.9 UJ	6.2 U	6.2 U	6.1 U
SW8082	AROCLOR-1232	ug/kg	U	5.7 U	6 U	5.9 UJ	6.2 U	6.2 U	6.1 U
SW8082	AROCLOR-1242	ug/kg	U	5.7 U	6 U	5.9 UJ	6.2 U	6.2 U	6.1 U
SW8082	AROCLOR-1248	ug/kg	U	5.7 U	6 U	5.9 UJ	6.2 U	6.2 U	6.1 U
SW8082	AROCLOR-1254	ug/kg	U	5.7 U	6 U	5.9 UJ	6.2 U	6.2 U	12.5
SW8082	AROCLOR-1260	ug/kg	U	5.7 U	6 U	5.9 UJ	8.4	6.2 U	6.1 U
SW8082	AROCLOR-1268	ug/kg	U	5.7 U	6 U	5.9 UJ	6.2 U	6.2 U	6.1 U
SW8082	PCBS, N.O.S.	ug/kg	U	5.7 U	6 U	5.9 UJ	8.4	6.2 U	12.5
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	U	8.9 U	9 U	9.4 U	10 UJ	9.9 UJ	9 UJ
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	U	8.9 U	9 U	9.4 U	10 U	9.9 U	9 U
SW8260	1,2-DICHLOROBENZENE	ug/kg	U	8.9 U	9 U	9.4 U	10 U	9.9 U	9 U
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	U	8.9 U	9 U	9.4 U	10 UJ	9.9 UJ	9 UJ
SW8260	1,3-DICHLOROBENZENE	ug/kg	U	8.9 U	9 U	9.4 U	10 U	9.9 U	9 U
SW8260	1,4-DICHLOROBENZENE	ug/kg	U	8.9 U	9 U	9.4 U	10 U	9.9 U	9 U
SW8260	BENZENE	ug/kg	U	1.8 U	1.8 U	1.9 U	2 U	2 U	1.8 U
SW8260	CHLOROBENZENE	ug/kg	U	8.9 U	9 U	9.4 U	10 U	9.9 U	9 U
SW8260	ETHYLBENZENE	ug/kg	U	1.8 U	1.8 U	1.9 U	2 U	2 U	1.8 U
SW8260	NAPHTHALENE	ug/kg	J	8.9 U	9 U	9.4 U	10 U	9.9 U	9 U
SW8260	O-XYLENE	ug/kg	U	1.8 U	1.8 U	1.9 U	2 U	2 U	1.8 U
SW8260	TOLUENE	ug/kg	U	1.8 U	1.8 U	1.9 U	2 U	2 U	1.8 U
SW8260	XYLENES, M & P	ug/kg	U	3.6 U	3.6 U	3.8 U	4 U	4 U	3.6 U
SW8260	XYLENES, TOTAL	ug/kg	U	3.6 U	3.6 U	3.8 U	4 U	4 U	3.6 U
SW8270	ACENAPHTHENE	ug/kg		7.75	12.1	5.2 U	5.4 U	5.3 U	5.2 U
SW8270	ACENAPHTHYLENE	ug/kg		17.4	5.1 U	5.2 U	5.4 U	5.3 U	5.2 U
SW8270	ANTHRACENE	ug/kg		5 U	5.1 U	5.2 U	5.4 U	5.3 U	5.2 U
SW8270	BENZO(A)ANTHRACENE	ug/kg		5 U	19.3	5.2 U	5.4 U	5.3 U	5.2 U
SW8270	BENZO(A)PYRENE	ug/kg		5 U	6.42	5.2 U	5.4 U	5.3 U	5.2 U
SW8270	BENZO(B)FLUORANTHENE	ug/kg		5 U	12	5.2 U	5.4 U	5.3 U	5.2 U
SW8270	BENZO(G,H,I)PERYLENE	ug/kg		5 U	6.18	5.2 U	5.4 U	5.3 U	5.2 U
SW8270	BENZO(K)FLUORANTHENE	ug/kg		5 U	6.27	5.2 U	5.4 U	5.3 U	5.2 U
SW8270	CHRYSENE	ug/kg		5 U	6	5.2 U	5.4 U	5.3 U	5.2 U
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg		5 U	5.1 U	5.2 U	5.4 U	5.3 U	5.2 U
SW8270	FLUORANTHENE	ug/kg		6.31	14.3	5.2 U	5.4 U	5.3 U	5.2 U
SW8270	FLUORENE	ug/kg		5 U	5.1 U	5.2 U	5.4 U	5.3 U	5.2 U
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg		5 U	5.1 U	5.2 U	5.4 U	5.3 U	5.2 U
SW8270	PHENANTHRENE	ug/kg		8.62	10.7	5.2 U	5.4 U	5.3 U	5.2 U
SW8270	PYRENE	ug/kg		6.63	11.9	5.2 U	5.4 U	5.3 U	5.2 U
SW9045	pH	S.U.		7.18	7.41	7.26	7.26	7.1	6.93

TABLE 3
SUMMARY OF VIBRACORE SEDIMENT ANALYTICAL RESULTS

		Location	OL-VC-60253	OL-VC-60253	OL-VC-60253	OL-VC-60253	OL-VC-60260	OL-VC-60260
	Sample Depth		4-5 Ft	5-6 Ft	6-7 Ft	7-8 Ft	0-1 Ft	1-2 Ft
	Field Sample ID		OL-0882-06	OL-0882-07	OL-0882-08	OL-0882-09	OL-0883-16	OL-0883-17
	Sample Date		8/13/2009	8/13/2009	8/13/2009	8/13/2009	8/13/2009	8/13/2009
	Sample Delivery Group		JA25599	JA25599	JA25599	JA25599	JA25600	JA25600
	Matrix	SOIL						
	Sample Purpose	Regular sample						
	Sample Type	Sediment						
Method	Parameter Name	Units						
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	12900	19600	14700 J	16500 J	8640	15600
SM2540G	SOLIDS, PERCENT	%	52.9	51	50	47.9	61.6	54.4
SW7471	MERCURY	mg/kg	0.021 U	0.024 U	0.023 UJ	0.5 J	0.025 J	0.076
SW8082	AROCLOR-1016	ug/kg	6.2 U	6.4 U	6.7 UJ	6.9 UJ	5.4 U	6.1 U
SW8082	AROCLOR-1221	ug/kg	6.2 U	6.4 U	6.7 UJ	6.9 UJ	5.4 U	6.1 U
SW8082	AROCLOR-1232	ug/kg	6.2 U	6.4 U	6.7 UJ	6.9 UJ	5.4 U	6.1 U
SW8082	AROCLOR-1242	ug/kg	6.2 U	6.4 U	6.7 UJ	6.9 UJ	5.4 U	6.1 U
SW8082	AROCLOR-1248	ug/kg	6.2 U	6.4 U	6.7 UJ	6.9 UJ	5.4 U	6.1 U
SW8082	AROCLOR-1254	ug/kg	6.2 U	6.4 U	6.7 UJ	6.9 UJ	5.4 U	6.1 U
SW8082	AROCLOR-1260	ug/kg	6.2 U	6.4 U	6.7 UJ	6.9 UJ	5.4 U	6.1 U
SW8082	AROCLOR-1268	ug/kg	6.2 U	6.4 U	6.7 UJ	6.9 UJ	5.4 U	6.1 U
SW8082	PCBS, N.O.S.	ug/kg	6.2 U	6.4 U	6.7 UJ	6.9 UJ	5.4 U	6.1 U
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	9.6 U	10 U	10 UJ	10 UJ	7.7 U	9.2 U
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	9.6 U	10 U	10 UJ	10 UJ	7.7 U	9.2 U
SW8260	1,2-DICHLOROBENZENE	ug/kg	9.6 U	10 U	10 UJ	10 UJ	7.7 U	9.2 U
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	9.6 U	10 U	10 UJ	10 UJ	7.7 U	9.2 U
SW8260	1,3-DICHLOROBENZENE	ug/kg	9.6 U	10 U	10 UJ	10 UJ	7.7 U	9.2 U
SW8260	1,4-DICHLOROBENZENE	ug/kg	9.6 U	10 U	10 UJ	10 UJ	7.7 U	9.2 U
SW8260	BENZENE	ug/kg	1.9 U	2 U	2.1 UJ	2 UJ	1.5 U	1.8 U
SW8260	CHLOROBENZENE	ug/kg	9.6 U	10 U	10 UJ	10 UJ	7.7 U	9.2 U
SW8260	ETHYLBENZENE	ug/kg	1.9 U	2 U	2.1 UJ	2 UJ	1.5 U	1.8 U
SW8260	NAPHTHALENE	ug/kg	9.6 U	10 U	10 UJ	10 UJ	7.7 U	9.2 U
SW8260	O-XYLENE	ug/kg	1.9 U	2 U	2.1 UJ	2 UJ	1.5 U	1.8 U
SW8260	TOLUENE	ug/kg	1.9 U	2 U	2.1 UJ	0.78 J	1.5 U	1.8 U
SW8260	XYLENES, M & P	ug/kg	3.9 U	4.1 U	4.2 UJ	4 UJ	3.1 U	3.7 U
SW8260	XYLENES, TOTAL	ug/kg	3.9 U	4.1 U	4.2 UJ	4 UJ	3.1 U	3.7 U
SW8270	ACENAPHTHENE	ug/kg	5.3 U	5.6 U	5.7 UJ	5.9 UJ	4.6 U	5.3 U
SW8270	ACENAPHTHYLENE	ug/kg	5.3 U	5.6 U	5.7 UJ	5.9 UJ	4.6 U	5.3 U
SW8270	ANTHRACENE	ug/kg	5.3 U	5.6 U	5.7 UJ	5.9 UJ	5.54	10.6
SW8270	BENZO(A)ANTHRACENE	ug/kg	5.3 U	5.6 U	5.7 UJ	5.9 UJ	23	30.5
SW8270	BENZO(A)PYRENE	ug/kg	5.3 U	5.6 U	5.7 UJ	5.9 UJ	18.9	18.9
SW8270	BENZO(B)FLUORANTHENE	ug/kg	5.3 U	5.6 U	5.7 UJ	5.9 UJ	29.4	30.3
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	5.3 U	5.6 U	5.7 UJ	5.9 UJ	12.7	7.47
SW8270	BENZO(K)FLUORANTHENE	ug/kg	5.3 U	5.6 U	5.7 UJ	5.9 UJ	9.08	7.1
SW8270	CHRYSENE	ug/kg	5.3 U	5.6 U	5.7 UJ	5.9 UJ	22.5	19.3
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	5.3 U	5.6 U	5.7 UJ	5.9 UJ	4.94	5.3 U
SW8270	FLUORANTHENE	ug/kg	5.3 U	5.6 U	5.7 UJ	5.9 UJ	37.9	42.2
SW8270	FLUORENE	ug/kg	5.3 U	5.6 U	5.7 UJ	5.9 UJ	4.6 U	5.3 U
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	5.3 U	5.6 U	5.7 UJ	5.9 UJ	11.9	7.36
SW8270	PHENANTHRENE	ug/kg	5.3 U	5.6 U	5.7 UJ	5.9 UJ	12.7	27
SW8270	PYRENE	ug/kg	5.3 U	5.6 U	5.7 UJ	5.9 UJ	38.2	37.8
SW9045	pH	S.U.	7.01	7.06	6.93 J	7.09 J	7.57	6.83

TABLE 3
SUMMARY OF VIBRACORE SEDIMENT ANALYTICAL RESULTS

		Location	OL-VC-60260	OL-VC-60260	OL-VC-60260	OL-VC-60260	OL-VC-60261	OL-VC-60261
		Sample Depth	2-3 Ft	3-4 Ft	4-5 Ft	5-5.7 Ft	0-1 Ft	1-2 Ft
		Field Sample ID	OL-0883-18	OL-0883-19	OL-0883-20	OL-0884-01	OL-0880-20	OL-0881-01
		Sample Date	8/13/2009	8/13/2009	8/13/2009	8/13/2009	8/12/2009	8/12/2009
		Sample Delivery Group	JA25600	JA25600	JA25600	JA25601	JA25455	JA25454
		Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
		Sample Purpose	Regular sample					
		Sample Type	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment
Method	Parameter Name	Units						
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	12700 J	21700 J	24400	20500	12900	12200
SM2540G	SOLIDS, PERCENT	%	49.3	48.4	50.6	53.1	56.5	61
SW7471	MERCURY	mg/kg	0.021 UJ	0.039 J	0.025 J	0.022 U	0.42	0.13 J
SW8082	AROCLOR-1016	ug/kg	6.6 UJ	6.9 UJ	6.6 U	6.3 U	5.8 U	5.4 U
SW8082	AROCLOR-1221	ug/kg	6.6 UJ	6.9 UJ	6.6 U	6.3 U	5.8 U	5.4 U
SW8082	AROCLOR-1232	ug/kg	6.6 UJ	6.9 UJ	6.6 U	6.3 U	5.8 U	5.4 U
SW8082	AROCLOR-1242	ug/kg	6.6 UJ	6.9 UJ	6.6 U	6.3 U	5.8 U	5.4 U
SW8082	AROCLOR-1248	ug/kg	6.6 UJ	6.9 UJ	6.6 U	6.3 U	5.8 U	5.4 U
SW8082	AROCLOR-1254	ug/kg	6.6 UJ	6.9 UJ	6.6 U	6.3 U	5.8 U	5.4 U
SW8082	AROCLOR-1260	ug/kg	6.6 UJ	6.9 UJ	6.6 U	6.3 U	5.8 U	5.4 U
SW8082	AROCLOR-1268	ug/kg	6.6 UJ	6.9 UJ	6.6 U	6.3 U	5.8 U	5.4 U
SW8082	PCBS, N.O.S.	ug/kg	6.6 UJ	6.9 UJ	6.6 U	6.3 U	5.8 U	5.4 U
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	10 UJ	10 UJ	9.5 U	9.2 U	10 U	8.2 U
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	10 UJ	10 UJ	9.5 U	9.2 U	10 U	8.2 U
SW8260	1,2-DICHLOROBENZENE	ug/kg	10 UJ	10 UJ	9.5 U	9.2 U	10 U	8.2 U
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	10 UJ	10 UJ	9.5 U	9.2 U	10 U	8.2 U
SW8260	1,3-DICHLOROBENZENE	ug/kg	10 UJ	10 UJ	9.5 U	9.2 U	10 U	8.2 U
SW8260	1,4-DICHLOROBENZENE	ug/kg	10 UJ	10 UJ	9.5 U	9.2 U	10 U	8.2 U
SW8260	BENZENE	ug/kg	2.1 UJ	2.1 UJ	1.9 U	1.8 U	2.1 U	1.6 U
SW8260	CHLOROBENZENE	ug/kg	10 UJ	10 UJ	9.5 U	9.2 U	10 U	8.2 U
SW8260	ETHYLBENZENE	ug/kg	2.1 UJ	2.1 UJ	1.9 U	1.8 U	2.1 U	1.6 U
SW8260	NAPHTHALENE	ug/kg	10 UJ	10 UJ	9.5 U	9.2 U	10 U	8.2 U
SW8260	O-XYLENE	ug/kg	2.1 UJ	2.1 UJ	1.9 U	1.8 U	2.1 U	1.6 U
SW8260	TOLUENE	ug/kg	2.1 UJ	2.1 UJ	1.9 U	1.8 U	2.1 U	1.6 U
SW8260	XYLENES, M & P	ug/kg	4.1 UJ	4.1 UJ	3.8 U	3.7 U	4.1 U	3.3 U
SW8260	XYLENES, TOTAL	ug/kg	4.1 UJ	4.1 UJ	3.8 U	3.7 U	4.1 U	3.3 U
SW8270	ACENAPHTHENE	ug/kg	5.7 UJ	5.9 UJ	5.6 U	5.4 U	624	56.8
SW8270	ACENAPHTHYLENE	ug/kg	5.7 UJ	5.9 UJ	5.6 U	5.4 U	420	26.4
SW8270	ANTHRACENE	ug/kg	5.7 UJ	5.9 UJ	5.6 U	5.4 U	1040	128
SW8270	BENZO(A)ANTHRACENE	ug/kg	5.7 UJ	5.9 UJ	5.6 U	5.4 U	1540	220
SW8270	BENZO(A)PYRENE	ug/kg	5.7 UJ	5.9 UJ	5.6 U	5.4 U	1170	160
SW8270	BENZO(B)FLUORANTHENE	ug/kg	5.7 UJ	5.9 UJ	5.6 U	5.4 U	787	186
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	5.7 UJ	5.9 UJ	5.6 U	5.4 U	506	143
SW8270	BENZO(K)FLUORANTHENE	ug/kg	5.7 UJ	5.9 UJ	5.6 U	5.4 U	544	51.5
SW8270	CHRYSENE	ug/kg	5.7 UJ	5.9 UJ	5.6 U	5.4 U	1390	140
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	5.7 UJ	5.9 UJ	5.6 U	5.4 U	214	20.3
SW8270	FLUORANTHENE	ug/kg	5.7 UJ	5.9 UJ	5.6 U	5.4 U	2390	245
SW8270	FLUORENE	ug/kg	5.7 UJ	5.9 UJ	5.6 U	5.4 U	639	40.5
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	5.7 UJ	5.9 UJ	5.6 U	5.4 U	441	79.7
SW8270	PHENANTHRENE	ug/kg	5.7 UJ	5.9 UJ	5.6 U	5.4 U	2260	218
SW8270	PYRENE	ug/kg	5.7 UJ	5.9 UJ	5.6 U	5.4 U	3030	358
SW9045	pH	S.U.	6.78 J	6.84 J	7.06	7.19	7.38	7.29

TABLE 3
SUMMARY OF VIBRACORE SEDIMENT ANALYTICAL RESULTS

		Location	OL-VC-60261	OL-VC-60261	OL-VC-60261	OL-VC-60261	OL-VC-70126	OL-VC-70126	OL-VC-70126
		Sample Depth	2-3 Ft	3-4 Ft	4-5 Ft	5-6 Ft	0-1 Ft	1-2 Ft	2-3 Ft
Method	Parameter Name	Units							
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	11300	12800	18900	20100	198000	186000 J	222000
SM2540G	SOLIDS, PERCENT	%	60.8	58.7	52.9	51.4	62.8	69.8	49.7
SW7471	MERCURY	mg/kg	0.05 J	0.12 J	0.11 J	0.11 J	4.1	1.3	1.1
SW8082	AROCLOR-1016	ug/kg	5.4 U	5.6 U	6.2 U	6.4 U	5.2 U	4.8 U	6.7
SW8082	AROCLOR-1221	ug/kg	5.4 U	5.6 U	6.2 U	6.4 U	5.2 U	4.8 U	6.7
SW8082	AROCLOR-1232	ug/kg	5.4 U	5.6 U	6.2 U	6.4 U	5.2 U	4.8 U	6.7
SW8082	AROCLOR-1242	ug/kg	5.4 U	5.6 U	6.2 U	6.4 U	5.2 U	4.8 U	6.7
SW8082	AROCLOR-1248	ug/kg	5.4 U	5.6 U	6.2 U	6.4 U	96.3 J	4.8 U	6.7
SW8082	AROCLOR-1254	ug/kg	5.4 U	5.6 U	6.2 U	6.4 U	70.9 J	4.8 U	6.7
SW8082	AROCLOR-1260	ug/kg	5.4 U	5.6 U	6.2 U	6.4 U	48	4.8 U	6.7
SW8082	AROCLOR-1268	ug/kg	5.4 U	5.6 U	6.2 U	6.4 U	5.2 U	4.8 U	6.7
SW8082	PCBS, N.O.S.	ug/kg	5.4	5.6 U	6.2 U	6.4 U	215 J	4.8 U	6.7
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	10 U	9.5 U	8.9 U	12 U	7.7 U	6.8 U	9.7
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	10 U	9.5 U	8.9 U	12 U	7.7 U	6.8 U	9.7
SW8260	1,2-DICHLOROBENZENE	ug/kg	10 U	9.5 U	8.9 U	12 U	2.7 J	0.46 J	9.7
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	10 U	9.5 U	8.9 U	12 U	7.7 U	6.8 U	9.7
SW8260	1,3-DICHLOROBENZENE	ug/kg	10 U	9.5 U	8.9 U	12 U	2.1 J	0.39 J	9.7
SW8260	1,4-DICHLOROBENZENE	ug/kg	10 U	9.5 U	8.9 U	12 U	14.8	1.2 J	9.7
SW8260	BENZENE	ug/kg	2 U	1.9 U	1.8 U	2.4 U	52	82.6	28
SW8260	CHLOROBENZENE	ug/kg	10 U	9.5 U	8.9 U	12 U	40.5	2.2 J	9.7
SW8260	ETHYLBENZENE	ug/kg	2 U	1.9 U	1.8 U	2.4 U	11.4	26.6	14.9
SW8260	NAPHTHALENE	ug/kg	10 U	9.5 U	8.9 U	12 U	88.4	173	237
SW8260	O-XYLENE	ug/kg	2 U	1.9 U	1.8 U	2.4 U	54.3	77.1	111
SW8260	TOLUENE	ug/kg	2 U	1.9 U	1.8 U	2.4 U	19.1	29.1	28.7
SW8260	XYLENES, M & P	ug/kg	4 U	3.8 U	3.6 U	4.7 U	26.8	48.9	60.3
SW8260	XYLENES, TOTAL	ug/kg	4 U	3.8 U	3.6 U	4.7 U	81.1	126	171
SW8270	ACENAPHTHENE	ug/kg	25.6	62.3	26.9	65.8	8460	10300	4560
SW8270	ACENAPHTHYLENE	ug/kg	4.7	7.15	7.88	65.3	5010	5100	2560
SW8270	ANTHRACENE	ug/kg	81.6	217	146	484	23000	26500	30700
SW8270	BENZO(A)ANTHRACENE	ug/kg	188	266	285 J	798	32200	26200	35200
SW8270	BENZO(A)PYRENE	ug/kg	126	241	170	566	32500 J	26000 J	36800
SW8270	BENZO(B)FLUORANTHENE	ug/kg	205	207	90.6	506	19600	19500	31000
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	75	174	94.5	151	17200	13500	20400
SW8270	BENZO(K)FLUORANTHENE	ug/kg	55.9	153	151	311	18100 J	11200 J	17000
SW8270	CHRYSENE	ug/kg	105	200	150	680	30600 J	25500 J	33800
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	18	39.3	24.8	70.4	5750	4530	6360
SW8270	FLUORANTHENE	ug/kg	312	653	424	1460	45100	42000	63900
SW8270	FLUORENE	ug/kg	36.5	99.6	53.4	229	4860	5260	7610
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	66.9	155	87.2	169	14100 J	11100 J	17000
SW8270	PHENANTHRENE	ug/kg	187	419	173	1000	50300	62700	57600
SW8270	PYRENE	ug/kg	206	426	287	940	63100	61900	68200
SW9045	pH	S.U.	6.88	6.66	6.56	6.73	7.93	7.98	7.81

TABLE 3
SUMMARY OF VIBRACORE SEDIMENT ANALYTICAL RESULTS

		Location	OL-VC-70126	OL-VC-70126	OL-VC-70126	OL-VC-70126	OL-VC-70128	OL-VC-70128
	Sample Depth	3-4 Ft	4-5 Ft	4-5 Ft	5-6 Ft	0-1 Ft	1-2 Ft	
	Field Sample ID	OL-0850-10	OL-0850-11	OL-0850-12	OL-0850-13	OL-0861-13	OL-0861-14	
	Sample Date	7/29/2009	7/29/2009	7/29/2009	7/29/2009	8/4/2009	8/4/2009	
	Sample Delivery Group	JA24295	JA24295	JA24295	JA24295	JA242768	JA24768	
	Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	
	Sample Purpose	Regular sample	Regular sample	Field duplicate	Regular sample	Regular sample	Regular sample	
	Sample Type	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	
Method	Parameter Name	Units						
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	J	6610	11300	7690	11500	65300
SM2540G	SOLIDS, PERCENT	%		59.9	55.8	54.9	55.1	60.3
SW7471	MERCURY	mg/kg	J	0.054	0.023	U	0.021	0.022
SW8082	AROCLOR-1016	ug/kg	UJ	5.5	5.9	6	6	55
SW8082	AROCLOR-1221	ug/kg	UJ	5.5	5.9	6	6	55
SW8082	AROCLOR-1232	ug/kg	UJ	5.5	5.9	6	6	55
SW8082	AROCLOR-1242	ug/kg	UJ	5.5	5.9	6	6	55
SW8082	AROCLOR-1248	ug/kg	UJ	5.5	5.9	6	6	55
SW8082	AROCLOR-1254	ug/kg	UJ	5.5	5.9	6	6	645
SW8082	AROCLOR-1260	ug/kg	UJ	5.5	5.9	6	6	172
SW8082	AROCLOR-1268	ug/kg	UJ	5.5	5.9	6	6	55
SW8082	PCBS, N.O.S.	ug/kg	UJ	5.5	5.9	6	6	2200
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	UJ	8	8.6	9.5	8.7	8.3
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	UJ	8	8.6	9.5	8.7	1.5
SW8260	1,2-DICHLOROBENZENE	ug/kg	UJ	8	8.6	9.5	8.7	6.6
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	UJ	8	8.6	9.5	8.7	15.7
SW8260	1,3-DICHLOROBENZENE	ug/kg	UJ	8	8.6	9.5	8.7	50.3
SW8260	1,4-DICHLOROBENZENE	ug/kg	UJ	8	8.6	9.5	8.7	99.9
SW8260	BENZENE	ug/kg	J	85.3	86.3	85.7	60.2	62
SW8260	CHLOROBENZENE	ug/kg	UJ	8	8.6	9.5	8.7	8390
SW8260	ETHYLBENZENE	ug/kg	J	18.1	7.7	8.6	1.6	35.3
SW8260	NAPHTHALENE	ug/kg	J	87	2.3	1.5	8.7	316
SW8260	O-XYLENE	ug/kg	J	80.4	19.7	21.2	4	50.5
SW8260	TOLUENE	ug/kg	J	13.9	4.9	5.2	5.9	23.5
SW8260	XYLENES, M & P	ug/kg	J	44.8	19.7	21.6	3.5	80.6
SW8260	XYLENES, TOTAL	ug/kg	J	125	39.4	42.8	7.5	131
SW8270	ACENAPHTHENE	ug/kg	J	108	5.5	5.7	5.7	393
SW8270	ACENAPHTHYLENE	ug/kg	J	62.4	5.5	5.7	5.7	560
SW8270	ANTHRACENE	ug/kg	J	728	10.4	5.7	6.62	1390
SW8270	BENZO(A)ANTHRACENE	ug/kg	J	873	18.9	5.7	12.8	2600
SW8270	BENZO(A)PYRENE	ug/kg	J	927	12.4	5.7	6.87	2680
SW8270	BENZO(B)FLUORANTHENE	ug/kg	J	502	14.4	5.7	10	3170
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	J	478	6.78	5.7	5.7	1510
SW8270	BENZO(K)FLUORANTHENE	ug/kg	J	620	6.29	5.7	5.03	1210
SW8270	CHRYSENE	ug/kg	J	826	8.41	5.7	4.52	2880
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	J	131	5.5	5.7	5.7	533
SW8270	FLUORANTHENE	ug/kg	J	1450	26.6	5.7	11.8	6270
SW8270	FLUORENE	ug/kg	J	189	5.5	5.7	5.7	15100
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	J	431	5.5	5.7	5.7	1330
SW8270	PHENANTHREN	ug/kg	J	1440	34.7	5.7	23.6	4020
SW8270	PYRENE	ug/kg	J	1720	28.5	5.7	9.48	5710
SW9045	pH	S.U.	J	7.19	7.08	6.97	6.88	7.38
								7.38

TABLE 3
SUMMARY OF VIBRACORE SEDIMENT ANALYTICAL RESULTS

		Location	OL-VC-70128							
		Sample Depth	1-2 Ft	2-3 Ft	3-4 Ft	4-5 Ft	5-6 Ft	6-7 Ft	7-8 Ft	
Method	Parameter Name	Units								
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	42000	28200	8760	8850	7970	13800	33500	
SM2540G	SOLIDS, PERCENT	%	68	69	55.6	56.7	58.3	54.5	53.1	
SW7471	MERCURY	mg/kg	1.2 J	1.2	0.03 J	R	R	R	0.022	
SW8082	AROCLOR-1016	ug/kg	4.9 U	4.8 U	6 U	5.8 U	5.7 U	6.1 U	6.3	
SW8082	AROCLOR-1221	ug/kg	4.9 U	4.8 U	6 U	5.8 U	5.7 U	6.1 U	6.3	
SW8082	AROCLOR-1232	ug/kg	4.9 U	4.8 U	6 U	5.8 U	5.7 U	6.1 U	6.3	
SW8082	AROCLOR-1242	ug/kg	4.9 U	4.8 U	6 U	5.8 U	5.7 U	6.1 U	6.3	
SW8082	AROCLOR-1248	ug/kg	45.1 J	4.8 U	6 U	5.8 U	5.7 U	6.1 U	6.3	
SW8082	AROCLOR-1254	ug/kg	25.1 J	4.8 U	6 U	5.8 U	5.7 U	6.1 U	6.3	
SW8082	AROCLOR-1260	ug/kg	25.1 J	4.8 U	6 U	5.8 U	5.7 U	6.1 U	6.3	
SW8082	AROCLOR-1268	ug/kg	4.9 U	4.8 U	6 U	5.8 U	5.7 U	6.1 U	6.3	
SW8082	PCBS, N.O.S.	ug/kg	95.3 J	4.8 U	6 U	5.8 U	5.7 U	6.1 U	6.3	
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	8 U	7.1 U	8.5 U	8 U	8.2 U	8.7 U	8.7	
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	8 U	7.1 U	8.5 U	8 U	8.2 U	8.7 U	8.7	
SW8260	1,2-DICHLOROBENZENE	ug/kg	2.4 J	7.1 U	8.5 U	8 U	8.2 U	8.7 U	8.7	
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	3.3 J	7.1 UJ	8.5 U	8 U	8.2 U	8.7 U	8.7	
SW8260	1,3-DICHLOROBENZENE	ug/kg	5.6 J	0.46 J	8.5 U	8 U	8.2 U	8.7 U	8.7	
SW8260	1,4-DICHLOROBENZENE	ug/kg	23	1.5 J	0.94 J	8 U	8.2 U	8.7 U	8.7	
SW8260	BENZENE	ug/kg	7.7	0.84 J	2.2	2.2	2.4	1.4 J	1.7	
SW8260	CHLOROBENZENE	ug/kg	77.4	3.5 J	4 J	0.65 J	0.82 J	8.7 U	0.87	
SW8260	ETHYLBENZENE	ug/kg	6	1.1 J	0.7 J	1.6 U	1.6 U	1.7 U	1.7	
SW8260	NAPHTHALENE	ug/kg	102	46.8	21.7	9	1.6 J	8.7 U	8.7	
SW8260	O-XYLENE	ug/kg	10.6	1.3 J	1.7 U	1.6 U	1.6 U	1.7 U	1.7	
SW8260	TOLUENE	ug/kg	2.4	1.4 U	0.55 J	0.9 J	1.1 J	0.71 J	0.68	
SW8260	XYLEMES, M & P	ug/kg	15.6	1.8 J	1 J	3.2 U	3.3 U	3.5 U	3.5	
SW8260	XYLEMES, TOTAL	ug/kg	26.1	3.1	1 J	3.2 U	3.3 U	3.5 U	3.5	
SW8270	ACENAPHTHENE	ug/kg	573 J	594	152	6.63	5.38	5.2 U	5.4	
SW8270	ACENAPHTHYLENE	ug/kg	622	281	17.1	5 U	4.9 U	5.2 U	5.4	
SW8270	ANTHRACENE	ug/kg	1490 J	1510	63.1	5 U	4.9 U	5.2 U	5.4	
SW8270	BENZO(A)ANTHRACENE	ug/kg	3030 J	3020	107	5 U	9.03	5.2 U	5.4	
SW8270	BENZO(A)PYRENE	ug/kg	3260 J	2830	76.8	5 U	4.9 U	5.2 U	5.4	
SW8270	BENZO(B)FLUORANTHENE	ug/kg	3280 J	2600	88.9	5 U	5.18	5.2 U	5.4	
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	1900	1410	47.6	5 U	4.9 U	5.2 U	5.4	
SW8270	BENZO(K)FLUORANTHENE	ug/kg	1170	1020	43.9	5 U	2.04 J	5.2 U	5.4	
SW8270	CHRYSENE	ug/kg	2580 J	2340	70.6	5 U	4.52 J	5.2 U	5.4	
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	601 J	386	14.4	5 U	4.9 U	5.2 U	5.4	
SW8270	FLUORANTHENE	ug/kg	5430 J	4970	169	5.92	10.8	5.2 U	5.4	
SW8270	FLUORENE	ug/kg	1270 J	772	104	5.01	5.69	5.2 U	5.4	
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	1720	1300	47.5	5 U	4.9 U	5.2 U	5.4	
SW8270	PHENANTHRENENE	ug/kg	3610 J	3740	147	6.43	10.4	5.2 U	5.4	
SW8270	PYRENE	ug/kg	5180 J	5100	172	5.83	10.4	5.2 U	5.4	
SW9045	pH	S.U.	7.49	7.64	7.36	7.38	6.94	6.94	6.72	

TABLE 3
SUMMARY OF VIBRACORE SEDIMENT ANALYTICAL RESULTS

		Location	OL-VC-70128						
	Sample Depth		8-9 Ft	9-10 Ft	10-11 Ft	11-12 Ft	12-13 Ft	13-13.5 Ft	
	Field Sample ID		OL-0862-02	OL-0862-03	OL-0862-04	OL-0862-05	OL-0862-06	OL-0862-07	
	Sample Date		8/4/2009	8/4/2009	8/4/2009	8/4/2009	8/4/2009	8/4/2009	
	Sample Delivery Group		JA24769	JA24769	JA24769	JA24769	JA24769	JA24769	
	Matrix	SOIL							
	Sample Purpose	Regular sample							
	Sample Type	Sediment							
Method	Parameter Name	Units							
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg		14400	8850	15800	10500	9000	J 18300
SM2540G	SOLIDS, PERCENT	%		50.9	67.7	58.3	56	48.4	59.2
SW7471	MERCURY	mg/kg	U	0.023 U	0.018 U	0.02 U	0.023 U	0.027 UJ	0.052
SW8082	AROCLOR-1016	ug/kg	U	6.5 U	4.9 U	5.7 U	5.9 U	6.8 UJ	5.6 U
SW8082	AROCLOR-1221	ug/kg	U	6.5 U	4.9 U	5.7 U	5.9 U	6.8 UJ	5.6 U
SW8082	AROCLOR-1232	ug/kg	U	6.5 U	4.9 U	5.7 U	5.9 U	6.8 UJ	5.6 U
SW8082	AROCLOR-1242	ug/kg	U	6.5 U	4.9 U	5.7 U	5.9 U	6.8 UJ	5.6 U
SW8082	AROCLOR-1248	ug/kg	U	6.5 U	4.9 U	5.7 U	5.9 U	6.8 UJ	5.6 U
SW8082	AROCLOR-1254	ug/kg	U	6.5 U	4.9 U	5.7 U	5.9 U	6.8 UJ	5.6 U
SW8082	AROCLOR-1260	ug/kg	U	6.5 U	4.9 U	5.7 U	5.9 U	6.8 UJ	5.6 U
SW8082	AROCLOR-1268	ug/kg	U	6.5 U	4.9 U	5.7 U	5.9 U	6.8 UJ	5.6 U
SW8082	PCBS, N.O.S.	ug/kg	U	6.5 U	4.9 U	5.7 U	5.9 U	6.8 UJ	5.6 U
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	U	9.8 U	7.1 U	7.8 U	8.8 U	9.4 UJ	8.4 U
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	U	9.8 U	7.1 U	7.8 U	8.8 U	9.4 UJ	8.4 U
SW8260	1,2-DICHLOROBENZENE	ug/kg	U	9.8 U	7.1 U	7.8 U	8.8 U	9.4 UJ	8.4 U
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	U	9.8 U	7.1 U	7.8 U	8.8 U	9.4 UJ	8.4 U
SW8260	1,3-DICHLOROBENZENE	ug/kg	U	9.8 U	7.1 U	7.8 U	8.8 U	9.4 UJ	8.4 U
SW8260	1,4-DICHLOROBENZENE	ug/kg	U	9.8 U	7.1 U	7.8 U	8.8 U	9.4 UJ	8.4 U
SW8260	BENZENE	ug/kg		1.3 J	0.67 J	0.97 J	0.65 J	1.9 UJ	1.7 U
SW8260	CHLOROBENZENE	ug/kg	J	9.8 U	0.54 J	7.8 U	8.8 U	9.4 UJ	0.98 J
SW8260	ETHYLBENZENE	ug/kg	U	2 U	1.4 U	1.6 U	1.8 U	1.9 UJ	1.7 U
SW8260	NAPHTHALENE	ug/kg	U	9.8 U	7.1 U	7.8 U	8.8 U	9.4 UJ	1.9 J
SW8260	O-XYLENE	ug/kg	U	2 U	1.4 U	1.6 U	1.8 U	1.9 UJ	1.7 U
SW8260	TOLUENE	ug/kg	J	2 U	1.4 U	1.6 U	1.8 U	1.9 UJ	1.7 U
SW8260	XYLEMES, M & P	ug/kg	U	3.9 U	2.8 U	3.1 U	3.5 U	3.8 UJ	3.4 U
SW8260	XYLEMES, TOTAL	ug/kg	U	3.9 U	2.8 U	3.1 U	3.5 U	3.8 UJ	3.4 U
SW8270	ACENAPHTHENE	ug/kg	U	5.6 U	4.2 U	4.9 U	5.1 U	5.9 UJ	4.8 U
SW8270	ACENAPHTHYLENE	ug/kg	U	5.6 U	4.2 U	4.9 U	5.1 U	5.9 UJ	4.8 U
SW8270	ANTHRACENE	ug/kg	U	5.6 U	4.2 U	4.9 U	5.1 U	5.9 UJ	8.74
SW8270	BENZO(A)ANTHRACENE	ug/kg	U	5.6 U	4.2 U	4.9 U	5.1 U	5.9 UJ	19.4
SW8270	BENZO(A)PYRENE	ug/kg	U	5.6 U	4.2 U	4.9 U	5.1 U	5.9 UJ	11.9
SW8270	BENZO(B)FLUORANTHENE	ug/kg	U	5.6 U	4.2 U	4.9 U	5.1 U	5.9 UJ	16.6
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	U	5.6 U	4.2 U	4.9 U	5.1 U	5.9 UJ	8.22
SW8270	BENZO(K)FLUORANTHENE	ug/kg	U	5.6 U	4.2 U	4.9 U	5.1 U	5.9 UJ	5.72
SW8270	CHRYSENE	ug/kg	U	5.6 U	4.2 U	4.9 U	5.1 U	5.9 UJ	11.6
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	U	5.6 U	4.2 U	4.9 U	5.1 U	5.9 UJ	4.8 U
SW8270	FLUORANTHENE	ug/kg	U	5.6 U	4.2 U	4.9 U	5.1 U	5.9 UJ	25.6
SW8270	FLUORENE	ug/kg	U	5.6 U	4.2 U	4.9 U	5.1 U	5.9 UJ	23.2
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	U	5.6 U	4.2 U	4.9 U	5.1 U	5.9 UJ	7.74
SW8270	PHENANTHREN	ug/kg	U	5.6 U	4.2 U	4.9 U	5.1 U	5.9 UJ	23.2
SW8270	PYRENE	ug/kg	U	5.6 U	4.2 U	4.9 U	5.1 U	5.9 UJ	26.2
SW9045	pH	S.U.		6.92	6.62	6.94	7.07	6.76 J	6.95

TABLE 3
SUMMARY OF VIBRACORE SEDIMENT ANALYTICAL RESULTS

		Location	OL-VC-70134							
Method	Parameter Name	Units								
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	42900	27100	33000	9980 J	9170	15600	10800	
SM2540G	SOLIDS, PERCENT	%	64.4	71.4	55.8	49.9	55	54.5	60.6	
SW7471	MERCURY	mg/kg	163 J	5 J	0.021 U	0.023 UJ	0.02 U	0.02 U	0.31	
SW8082	AROCLOR-1016	ug/kg	5.2 U	4.6 U	5.9 U	6.5 UJ	6.1 U	6.1 U	5.5	
SW8082	AROCLOR-1221	ug/kg	5.2 U	4.6 U	5.9 U	6.5 UJ	6.1 U	6.1 U	5.5	
SW8082	AROCLOR-1232	ug/kg	5.2 U	4.6 U	5.9 U	6.5 UJ	6.1 U	6.1 U	5.5	
SW8082	AROCLOR-1242	ug/kg	5.2 U	4.6 U	5.9 U	6.5 UJ	6.1 U	6.1 U	5.5	
SW8082	AROCLOR-1248	ug/kg	2270	97.7	11.7	42.1 J	6.1 U	15.1	5.5	
SW8082	AROCLOR-1254	ug/kg	305	48.2	5.9 U	19 J	6.1 U	6.1 U	5.5	
SW8082	AROCLOR-1260	ug/kg	221	32.8	5.9 U	6.5 UJ	6.1 U	6.1 U	5.5	
SW8082	AROCLOR-1268	ug/kg	5.2 U	4.6 U	5.9 U	6.5 UJ	6.1 U	6.1 U	5.5	
SW8082	PCBS, N.O.S.	ug/kg	2800	175	11.7	61 J	6.1 U	15.1	5.5	
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	0.68 U	8.8 U	8.8 U	10 UJ	10 U	11 U	8.4	
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	0.68 U	8.8 U	8.8 U	10 UJ	10 U	11 U	8.4	
SW8260	1,2-DICHLOROBENZENE	ug/kg	0.18 J	1.5 J	8.8 U	10 UJ	10 U	11 U	8.4	
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	0.68 U	0.98 J	8.8 U	10 UJ	10 U	11 U	8.4	
SW8260	1,3-DICHLOROBENZENE	ug/kg	0.21 J	7.9 J	8.8 U	10 UJ	10 U	11 U	8.4	
SW8260	1,4-DICHLOROBENZENE	ug/kg	1.1	27.1	0.96 J	10 UJ	10 U	11 U	0.62	
SW8260	BENZENE	ug/kg	0.82	19	1.8	1 J	1 J	0.98 J	4.4	
SW8260	CHLOROBENZENE	ug/kg	10.8	201	23.8	1.5 J	10 U	11 U	3.7	
SW8260	ETHYLBENZENE	ug/kg	0.14 U	0.76 J	1.8 U	2.1 UJ	2.1 U	2.1 U	0.89	
SW8260	NAPHTHALENE	ug/kg	0.68 U	9.5	8.8 U	10 UJ	10 U	11 U	40.7	
SW8260	O-XYLENE	ug/kg	0.13 J	9.3	1.3 J	2.1 UJ	2.1 U	2.1 U	1.7	
SW8260	TOLUENE	ug/kg	0.083 J	1.4 J	1.8 U	2.1 UJ	2.1 U	2.1 U	1.7	
SW8260	XYLENES, M & P	ug/kg	0.12 J	5.5	0.88 J	4.2 UJ	4.1 U	4.3 U	3.4	
SW8260	XYLENES, TOTAL	ug/kg	0.25 J	14.8	2.2 J	4.2 UJ	4.1 U	4.3 U	1.7	
SW8270	ACENAPHTHENE	ug/kg	18 U	80 U	17.3	5.7 UJ	5.2 U	5.2 U	410	
SW8270	ACENAPHTHYLENE	ug/kg	562	349	5.1 U	5.7 UJ	5.2 U	5.2 U	72.1	
SW8270	ANTHRACENE	ug/kg	1020	945	22.2	5.7 UJ	5.2 U	5.2 U	596	
SW8270	BENZO(A)ANTHRACENE	ug/kg	1830	1520	5.1 U	5.7 UJ	5.2 U	5.2 U	1210	
SW8270	BENZO(A)PYRENE	ug/kg	1750	1530	5.1 U	5.7 UJ	5.2 U	5.2 U	1050	
SW8270	BENZO(B)FLUORANTHENE	ug/kg	1740	1360	5.1 U	5.7 UJ	5.2 U	5.2 U	1020	
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	841	474	5.1 U	5.7 UJ	5.2 U	5.2 U	557	
SW8270	BENZO(K)FLUORANTHENE	ug/kg	1520	1100	5.1 U	5.7 UJ	5.2 U	5.2 U	420	
SW8270	CHRYSENE	ug/kg	2340	1580	5.1 U	5.7 UJ	5.2 U	5.2 U	697	
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	326	155	5.1 U	5.7 UJ	5.2 U	5.2 U	125	
SW8270	FLUORANTHENE	ug/kg	5890	3910	8.94	5.7 UJ	5.2 U	5.2 U	1530	
SW8270	FLUORENE	ug/kg	7490	2070	30.2	5.7 UJ	5.2 U	5.2 U	317	
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	850	516	5.1 U	5.7 UJ	5.2 U	5.2 U	541	
SW8270	PHENANTHRENE	ug/kg	2600	2310	77.4	5.7 UJ	5.2 U	5.2 U	1380	
SW8270	PYRENE	ug/kg	3490	2510	8.34	5.7 UJ	5.2 U	5.2 U	1550	
SW9045	pH	S.U.	7.62	7.77	7.64	7.27 J	7.21	7.29	7.14	

TABLE 3
SUMMARY OF VIBRACORE SEDIMENT ANALYTICAL RESULTS

		Location	OL-VC-70135	OL-VC-70135	OL-VC-70135	OL-VC-70135	OL-VC-70135	OL-VC-70135	OL-VC-70135
		Sample Depth	1-2 Ft	2-3 Ft	2-3 Ft	3-4 Ft	4-5 Ft	5-6 Ft	
		Field Sample ID	OL-0878-02	OL-0878-03	OL-0878-04	OL-0878-05	OL-0878-06	OL-0878-07	
		Sample Date	8/11/2009	8/11/2009	8/11/2009	8/11/2009	8/11/2009	8/11/2009	
		Sample Delivery Group	JA25354	JA25354	JA25354	JA25354	JA25354	JA25354	
		Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	
		Sample Purpose	Regular sample	Regular sample	Field duplicate	Regular sample	Regular sample	Regular sample	
		Sample Type	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	
Method	Parameter Name	Units							
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	17700	8760	9530	10900	J	8650	7230
SM2540G	SOLIDS, PERCENT	%	57.9	56.8	55.6	53.6		58.7	62.9
SW7471	MERCURY	mg/kg	0.074	0.021	J	0.02	U	0.022	U
SW8082	AROCLOR-1016	ug/kg	U	5.7	5.8	5.9	U	6.1	U
SW8082	AROCLOR-1221	ug/kg	U	5.7	5.8	5.9	U	6.1	U
SW8082	AROCLOR-1232	ug/kg	U	5.7	5.8	5.9	U	6.1	U
SW8082	AROCLOR-1242	ug/kg	U	5.7	5.8	5.9	U	6.1	U
SW8082	AROCLOR-1248	ug/kg	U	5.7	5.8	5.9	U	6.1	U
SW8082	AROCLOR-1254	ug/kg	U	5.7	5.8	5.9	U	6.1	U
SW8082	AROCLOR-1260	ug/kg	U	5.7	5.8	5.9	U	6.1	U
SW8082	AROCLOR-1268	ug/kg	U	5.7	5.8	5.9	U	6.1	U
SW8082	PCBS, N.O.S.	ug/kg	U	5.7	5.8	5.9	U	6.1	U
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	U	8	9.4	9	U	9	U
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	U	8	9.4	9	U	9	U
SW8260	1,2-DICHLOROBENZENE	ug/kg	U	8	9.4	9	U	9	U
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	U	8	9.4	9	U	9	U
SW8260	1,3-DICHLOROBENZENE	ug/kg	U	8	9.4	9	U	9	U
SW8260	1,4-DICHLOROBENZENE	ug/kg	J	1.4	9.4	9	U	9	U
SW8260	BENZENE	ug/kg		3.7	3.8	2.5		2.9	
SW8260	CHLOROBENZENE	ug/kg	J	4.4	J	0.78	J	9	U
SW8260	ETHYLBENZENE	ug/kg	J	0.72	J	1.9	U	1.8	U
SW8260	NAPHTHALENE	ug/kg		27.7		6.4	J	4.9	J
SW8260	O-XYLENE	ug/kg		1.5	J	1.1	J	0.93	J
SW8260	TOLUENE	ug/kg	U	1.6	U	1.9	U	1.8	U
SW8260	XYLEMES, M & P	ug/kg	U	3.2	U	3.7	U	3.6	U
SW8260	XYLEMES, TOTAL	ug/kg	J	1.5	J	1.1	J	0.93	J
SW8270	ACENAPHTHENE	ug/kg		143		5	U	8.93	
SW8270	ACENAPHTHYLENE	ug/kg		34.6		5	U	5.1	U
SW8270	ANTHRACENE	ug/kg		245		5	U	7.21	
SW8270	BENZO(A)ANTHRACENE	ug/kg		500		5	U	5.1	U
SW8270	BENZO(A)PYRENE	ug/kg		227		5	U	5.1	U
SW8270	BENZO(B)FLUORANTHENE	ug/kg		408		5	U	5.1	U
SW8270	BENZO(G,H,I)PERYLENE	ug/kg		174		5	U	5.1	U
SW8270	BENZO(K)FLUORANTHENE	ug/kg		151		5	U	5.1	U
SW8270	CHRYSENE	ug/kg		236		5	U	5.1	U
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg		55.8		5	U	5.1	U
SW8270	FLUORANTHENE	ug/kg		717		5	U	11.7	
SW8270	FLUORENE	ug/kg		105		5	U	5.1	U
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg		183		5	U	5.1	U
SW8270	PHENANTHRENE	ug/kg		576		5	U	18.3	
SW8270	PYRENE	ug/kg		724		5	U	14.5	
SW9045	pH	S.U.		6.91		6.84		7.02	
								6.73	
								6.73	
								6.94	
								6.92	

TABLE 3
SUMMARY OF VIBRACORE SEDIMENT ANALYTICAL RESULTS

		Location	OL-VC-70135	OL-VC-70135	OL-VC-70135	OL-VC-70135	OL-VC-70136	OL-VC-70136	OL-VC-70136
		Sample Depth	6-7 Ft	7-8 Ft	8-9 Ft	9-10 Ft	0-1 Ft	1-2 Ft	1-2 Ft
		Field Sample ID	OL-0878-08	OL-0878-09	OL-0878-10	OL-0878-11	OL-0876-08	OL-0876-09	OL-0876-10
		Sample Date	8/11/2009	8/11/2009	8/11/2009	8/11/2009	8/10/2009	8/10/2009	8/10/2009
		Sample Delivery Group	JA25354	JA25354	JA25354	JA25354	JA25249	JA25249	JA25249
		Matrix	SOIL						
		Sample Purpose	Regular sample	Field duplicate					
		Sample Type	Sediment						
Method	Parameter Name	Units							
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	13000	10600	8340	11700	71800 J	62000 J	58700
SM2540G	SOLIDS, PERCENT	%	59	57.8	57.2	54.8	42	48.4	47.4
SW7471	MERCURY	mg/kg	0.019 U	0.027 J	0.023 J	0.022 U	19.7 J	20.7 J	23.6
SW8082	AROCOLOR-1016	ug/kg	5.6 U	5.7 U	5.8 U	6 U	7.9 UJ	6.7 UJ	7
SW8082	AROCOLOR-1221	ug/kg	5.6 U	5.7 U	5.8 U	6 U	7.9 UJ	6.7 UJ	7
SW8082	AROCOLOR-1232	ug/kg	5.6 U	5.7 U	5.8 U	6 U	7.9 UJ	6.7 UJ	7
SW8082	AROCOLOR-1242	ug/kg	5.6 U	5.7 U	5.8 U	6 U	7.9 UJ	6.7 UJ	7
SW8082	AROCOLOR-1248	ug/kg	5.6 U	5.7 U	5.8 U	6 U	1630 J	299 J	379
SW8082	AROCOLOR-1254	ug/kg	5.6 U	5.7 U	5.8 U	6 U	360 J	326 J	622
SW8082	AROCOLOR-1260	ug/kg	5.6 U	5.7 U	5.8 U	6 U	218 J	190 J	324
SW8082	AROCOLOR-1268	ug/kg	5.6 U	5.7 U	5.8 U	6 U	7.9 UJ	6.7 UJ	7
SW8082	PCBS, N.O.S.	ug/kg	5.6 U	5.7 U	5.8 U	6 U	2210 J	815 J	1330
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	8.6 U	7.9 U	8.7 U	9.3 U	940 UJ	780 UJ	780
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	8.6 U	7.9 U	8.7 U	9.3 U	940 UJ	780 UJ	780
SW8260	1,2-DICHLOROBENZENE	ug/kg	8.6 U	7.9 U	8.7 U	9.3 U	256 J	108 J	95.4
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	8.6 U	7.9 U	8.7 U	9.3 U	940 UJ	780 UJ	780
SW8260	1,3-DICHLOROBENZENE	ug/kg	8.6 U	7.9 U	8.7 U	9.3 U	1290 J	307 J	283
SW8260	1,4-DICHLOROBENZENE	ug/kg	8.6 U	7.9 U	8.7 U	9.3 U	3310 J	2610 J	2350
SW8260	BENZENE	ug/kg	1.7 U	1.6 U	1.7 U	1.9 U	251 J	112 J	99.1
SW8260	CHLOROBENZENE	ug/kg	8.6 U	7.9 U	8.7 U	9.3 U	12000 J	2250 J	2190
SW8260	ETHYLBENZENE	ug/kg	1.7 U	1.6 U	1.7 U	1.9 U	73.8 J	160 UJ	160
SW8260	NAPHTHALENE	ug/kg	8.6 U	7.9 U	8.7 U	9.3 U	940 UJ	780 UJ	698
SW8260	O-XYLENE	ug/kg	1.7 U	1.6 U	1.7 U	1.9 U	1540 J	280 J	273
SW8260	TOLUENE	ug/kg	1.7 U	1.6 U	1.7 U	1.9 U	85.3 J	160 UJ	160
SW8260	XYLEMES, M & P	ug/kg	3.5 U	3.1 U	3.5 U	3.7 U	799 J	276 J	256
SW8260	XYLEMES, TOTAL	ug/kg	3.5 U	3.1 U	3.5 U	3.7 U	2340 J	556 J	529
SW8270	ACENAPHTHENE	ug/kg	4.8 U	4.9 U	5 U	5.2 U	340 UJ	300 UJ	1420
SW8270	ACENAPHTHYLENE	ug/kg	4.8 U	4.9 U	5 U	5.2 U	1080 J	983 J	866
SW8270	ANTHRACENE	ug/kg	4.8 U	4.9 U	5 U	5.2 U	3220 J	2270 J	1880
SW8270	BENZO(A)ANTHRACENE	ug/kg	4.8 U	4.9 U	5 U	5.2 U	3400 J	3010 J	2520
SW8270	BENZO(A)PYRENE	ug/kg	4.8 U	4.9 U	5 U	5.2 U	2650 J	2680 J	2220
SW8270	BENZO(B)FLUORANTHENE	ug/kg	4.8 U	4.9 U	5 U	5.2 U	3220 J	2600 J	1940
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	4.8 U	4.9 U	5 U	5.2 U	1010 J	1050 J	784
SW8270	BENZO(K)FLUORANTHENE	ug/kg	4.8 U	4.9 U	5 U	5.2 U	1940 J	2070 J	2010
SW8270	CHRYSENE	ug/kg	4.8 U	4.9 U	5 U	5.2 U	4650 J	3820 J	3130
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	4.8 U	4.9 U	5 U	5.2 U	373 J	364 J	355
SW8270	FLUORANTHENE	ug/kg	4.8 U	4.9 U	5 U	5.2 U	13900 J	9580 J	7800
SW8270	FLUORENE	ug/kg	4.8 U	4.9 U	5 U	5.2 U	24700 J	4360 J	2710
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	4.8 U	4.9 U	5 U	5.2 U	952 J	1100 J	909
SW8270	PHENANTHRENE	ug/kg	4.8 U	4.9 U	5 U	5.2 U	13600 J	7290 J	5730
SW8270	PYRENE	ug/kg	4.8 U	4.9 U	5 U	5.2 U	8370 J	6020 J	4970
SW9045	pH	S.U.	6.96	6.74	6.72	6.78	7.5 J	7.4 J	7.46

TABLE 3
SUMMARY OF VIBRACORE SEDIMENT ANALYTICAL RESULTS

		Location	OL-VC-70136	OL-VC-70136	OL-VC-70136	OL-VC-70136	OL-VC-70137	OL-VC-70137
	Sample Depth		2-3 Ft	3-4 Ft	4-5 Ft	5-6 Ft	0-1 Ft	1-2 Ft
	Field Sample ID		OL-0876-11	OL-0876-12	OL-0876-13	OL-0876-14	OL-0877-14	OL-0877-15
	Sample Date		8/10/2009	8/10/2009	8/10/2009	8/10/2009	8/11/2009	8/11/2009
	Sample Delivery Group		JA25249	JA25249	JA25249	JA25249	JA25353	JA25353
	Matrix	SOIL						
	Sample Purpose	Regular sample						
	Sample Type	Sediment						
Method	Parameter Name	Units						
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	J	62000	28000	17100 J	24600 J	82200
SM2540G	SOLIDS, PERCENT	%		64.5	64.5	47.3	43.7	53.2
SW7471	MERCURY	mg/kg	J	2 J	1.3 J	0.023 UJ	0.024 UJ	9.8
SW8082	AROCLOR-1016	ug/kg	UJ	5.1 U	5.2 U	6.9 UJ	7.6 UJ	250 U
SW8082	AROCLOR-1221	ug/kg	UJ	5.1 U	5.2 U	6.9 UJ	7.6 UJ	250 U
SW8082	AROCLOR-1232	ug/kg	UJ	5.1 U	5.2 U	6.9 UJ	7.6 UJ	250 U
SW8082	AROCLOR-1242	ug/kg	UJ	5.1 U	5.2 U	6.9 UJ	7.6 UJ	250 U
SW8082	AROCLOR-1248	ug/kg	J	24.6 J	5.2 U	6.9 UJ	7.6 UJ	5980
SW8082	AROCLOR-1254	ug/kg	J	14.3	5.2 U	6.9 UJ	7.6 UJ	922
SW8082	AROCLOR-1260	ug/kg	J	28.6	5.2 U	6.9 UJ	7.6 UJ	1590
SW8082	AROCLOR-1268	ug/kg	UJ	5.1 U	5.2 U	6.9 UJ	7.6 UJ	250 U
SW8082	PCBS, N.O.S.	ug/kg	J	67.5	5.2 U	6.9 UJ	7.6 UJ	8490
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	UJ	8.2 U	7.6 U	11 UJ	11 UJ	690 U
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	UJ	8.2 U	7.6 U	11 UJ	11 UJ	65.1 J
SW8260	1,2-DICHLOROBENZENE	ug/kg	J	8.2 U	7.6 U	11 UJ	11 UJ	771
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	UJ	8.2 U	7.6 U	11 UJ	11 UJ	541 J
SW8260	1,3-DICHLOROBENZENE	ug/kg	J	0.91 J	7.6 U	11 UJ	11 UJ	339 J
SW8260	1,4-DICHLOROBENZENE	ug/kg	J	3.9 J	7.6 U	11 UJ	11 UJ	2000
SW8260	BENZENE	ug/kg	J	0.64 J	1.5 U	2.1 UJ	2.2 UJ	895
SW8260	CHLOROBENZENE	ug/kg	J	8.9	7.6 U	11 UJ	11 UJ	5520
SW8260	ETHYLBENZENE	ug/kg	UJ	1.6 U	1.5 U	2.1 UJ	2.2 UJ	140 U
SW8260	NAPHTHALENE	ug/kg	J	16.5	7.6 U	11 UJ	11 UJ	690 U
SW8260	O-XYLENE	ug/kg	J	3.3	1.5 U	2.1 UJ	2.2 UJ	140 U
SW8260	TOLUENE	ug/kg	UJ	1.6 U	1.5 U	2.1 UJ	2.2 UJ	77 J
SW8260	XYLENES, M & P	ug/kg	J	2.7 J	3 U	4.2 UJ	4.4 UJ	76.6 J
SW8260	XYLEMES, TOTAL	ug/kg	J	6	3 U	4.2 UJ	4.4 UJ	76.6 J
SW8270	ACENAPHTHENE	ug/kg	J	1900 J	1270	103 J	6.5 UJ	1800
SW8270	ACENAPHTHYLENE	ug/kg	J	764 J	362 J	6 UJ	6.5 UJ	467
SW8270	ANTHRACENE	ug/kg	J	3310 J	4210	6 UJ	6.5 UJ	2950
SW8270	BENZO(A)ANTHRACENE	ug/kg	J	3590 J	6110	6 UJ	6.5 UJ	3570
SW8270	BENZO(A)PYRENE	ug/kg	J	3430 J	5760	6 UJ	6.5 UJ	2880
SW8270	BENZO(B)FLUORANTHENE	ug/kg	J	1700 J	3470	6 UJ	6.5 UJ	3200
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	J	1850 J	3130	6 UJ	6.5 UJ	1490
SW8270	BENZO(K)FLUORANTHENE	ug/kg	J	2190 J	3980	6 UJ	6.5 UJ	889
SW8270	CHRYSENE	ug/kg	J	3540 J	5550	6 UJ	6.5 UJ	3630
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	J	459 J	964	6 UJ	6.5 UJ	539
SW8270	FLUORANTHENE	ug/kg	J	7480	13000	6.65 J	6.5 UJ	6560
SW8270	FLUORENE	ug/kg	J	2210 J	1740	58 J	6.5 UJ	4880
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	J	1520 J	2720	6 UJ	6.5 UJ	1370
SW8270	PHENANTHRENE	ug/kg	J	9220	10200	18.2 J	6.5 UJ	8680
SW8270	PYRENE	ug/kg	J	7770	10700	7.06 J	6.5 UJ	6380
SW9045	pH	S.U.	J	7.34	7.55	7.27 J	7.18 J	7.25
								7.1

TABLE 3
SUMMARY OF VIBRACORE SEDIMENT ANALYTICAL RESULTS

		Location	OL-VC-70137	OL-VC-70137	OL-VC-70137	OL-VC-70137	OL-VC-70138	OL-VC-70138
		Sample Depth	2-3 Ft	3-4 Ft	4-5 Ft	5-6 Ft	0-1 Ft	1-2 Ft
		Field Sample ID	OL-0877-16	OL-0877-17	OL-0877-18	OL-0877-19	OL-0861-01	OL-0861-02
		Sample Date	8/11/2009	8/11/2009	8/11/2009	8/11/2009	8/4/2009	8/4/2009
		Sample Delivery Group	JA25353	JA25353	JA25353	JA25353	JA24768	JA24768
		Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
		Sample Purpose	Regular sample					
		Sample Type	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment
Method	Parameter Name	Units						
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	9950	12900	13200	15900	37500	35800
SM2540G	SOLIDS, PERCENT	%	66.4	57.5	52.1	53	70.7	64.5
SW7471	MERCURY	mg/kg	R	R	R	R	1.1	2.4
SW8082	AROCLOR-1016	ug/kg	4.9 U	5.8 U	6.3 U	6.2 U	4.7 U	5.2 U
SW8082	AROCLOR-1221	ug/kg	4.9 U	5.8 U	6.3 U	6.2 U	4.7 U	5.2 U
SW8082	AROCLOR-1232	ug/kg	4.9 U	5.8 U	6.3 U	6.2 U	4.7 U	5.2 U
SW8082	AROCLOR-1242	ug/kg	4.9 U	5.8 U	6.3 U	6.2 U	4.7 U	5.2 U
SW8082	AROCLOR-1248	ug/kg	13	5.8 U	6.3 U	6.2 U	4.7 U	5.2 U
SW8082	AROCLOR-1254	ug/kg	4.9 U	5.8 U	6.3 U	6.2 U	4.7 U	5.2 U
SW8082	AROCLOR-1260	ug/kg	4.9 U	5.8 U	6.3 U	6.2 U	8.7 J	5.2 U
SW8082	AROCLOR-1268	ug/kg	4.9 U	5.8 U	6.3 U	6.2 U	4.7 U	5.2 U
SW8082	PCBS, N.O.S.	ug/kg	13	5.8 U	6.3 U	6.2 U	8.7 J	5.2 U
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	7.1 U	8.7 U	8.9 U	9.1 U	7.2 U	7.6 U
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	7.1 U	8.7 U	8.9 U	9.1 U	7.2 U	7.6 U
SW8260	1,2-DICHLOROBENZENE	ug/kg	7.1 U	8.7 U	8.9 U	9.1 U	7.2 U	7.6 U
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	7.1 U	8.7 U	8.9 U	9.1 UJ	7.2 U	7.6 U
SW8260	1,3-DICHLOROBENZENE	ug/kg	7.1 U	8.7 U	8.9 U	9.1 U	7.2 U	7.6 U
SW8260	1,4-DICHLOROBENZENE	ug/kg	7.1 U	8.7 U	8.9 U	9.1 U	7.2 U	7.6 U
SW8260	BENZENE	ug/kg	1.4 U	1.7 U	1.8 U	1.8 U	8.2	5
SW8260	CHLOROBENZENE	ug/kg	7.1 U	8.7 U	8.9 U	9.1 U	2.1 J	7.6 U
SW8260	ETHYLBENZENE	ug/kg	1.4 U	1.7 U	1.8 U	1.8 U	4.3	1.8
SW8260	NAPHTHALENE	ug/kg	7.1 U	8.7 U	8.9 U	9.1 U	56.2	15800
SW8260	O-XYLENE	ug/kg	1.4 U	1.7 U	1.8 U	1.8 U	18.7	19.1
SW8260	TOLUENE	ug/kg	1.4 U	1.7 U	1.8 U	1.8 U	1.6	1 J
SW8260	XYLEMES, M & P	ug/kg	2.8 U	3.5 U	3.6 U	3.6 U	7.8	1.4 J
SW8260	XYLEMES, TOTAL	ug/kg	2.8 U	3.5 U	3.6 U	3.6 U	26.5	20.5
SW8270	ACENAPHTHENE	ug/kg	106	5 U	5.5 U	5.4 U	6110	4700
SW8270	ACENAPHTHYLENE	ug/kg	24.1 J	5 U	5.5 U	5.4 U	865	626
SW8270	ANTHRACENE	ug/kg	291	5 U	5.5 U	5.4 U	6180	5390
SW8270	BENZO(A)ANTHRACENE	ug/kg	390	5.9	5.5 U	5.4 U	4660	3850
SW8270	BENZO(A)PYRENE	ug/kg	325	5 U	5.5 U	5.4 U	4670	3570
SW8270	BENZO(B)FLUORANTHENE	ug/kg	249	5 U	5.5 U	5.4 U	3200	2600
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	142	5 U	5.5 U	5.4 U	2040	1840
SW8270	BENZO(K)FLUORANTHENE	ug/kg	225	5 U	5.5 U	5.4 U	1190	1010
SW8270	CHRYSENE	ug/kg	345	3.94 J	5.5 U	5.4 U	3590	2940
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	54	5 U	5.5 U	5.4 U	544	444
SW8270	FLUORANTHENE	ug/kg	838	7.83	6.67	6.29	8310	7090
SW8270	FLUORENE	ug/kg	165	5 U	5.5 U	5.4 U	3940	3190
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	164	5 U	5.5 U	5.4 U	1600	1400
SW8270	PHENANTHRENE	ug/kg	685	7.13	6.95	6.86	18100	14700
SW8270	PYRENE	ug/kg	554	7.7	7.81	7.66	11900	10500
SW9045	pH	S.U.	7.42	7.05	7.16	7.06	7.49	7.32

TABLE 3
SUMMARY OF VIBRACORE SEDIMENT ANALYTICAL RESULTS

		Location	OL-VC-70138	OL-VC-70138	OL-VC-70138	OL-VC-70138
	Sample Depth	2-3 Ft	3-4 Ft	4-5 Ft	5-6 Ft	
	Field Sample ID	OL-0861-03	OL-0861-04	OL-0861-05	OL-0861-06	
	Sample Date	8/4/2009	8/4/2009	8/4/2009	8/4/2009	
	Sample Delivery Group	JA24768	JA24768	JA24768	JA24768	
	Matrix	SOIL	SOIL	SOIL	SOIL	
	Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	
	Sample Type	Sediment	Sediment	Sediment	Sediment	
Method	Parameter Name	Units				
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	47400	15900	20500 J	19800 J
SM2540G	SOLIDS, PERCENT	%	54.7	58.7	49.8	49.7
SW7471	MERCURY	mg/kg	1.9	0.045 J	R	R
SW8082	AROCLOR-1016	ug/kg	6 U	5.6 U	6.7 UJ	6.7 UJ
SW8082	AROCLOR-1221	ug/kg	6 U	5.6 U	6.7 UJ	6.7 UJ
SW8082	AROCLOR-1232	ug/kg	6 U	5.6 U	6.7 UJ	6.7 UJ
SW8082	AROCLOR-1242	ug/kg	6 U	5.6 U	6.7 UJ	6.7 UJ
SW8082	AROCLOR-1248	ug/kg	6 U	5.6 U	6.7 UJ	6.7 UJ
SW8082	AROCLOR-1254	ug/kg	6 U	5.6 U	6.7 UJ	6.7 UJ
SW8082	AROCLOR-1260	ug/kg	6 U	5.6 U	6.7 UJ	6.7 UJ
SW8082	AROCLOR-1268	ug/kg	6 U	5.6 U	6.7 UJ	6.7 UJ
SW8082	PCBS, N.O.S.	ug/kg	6 U	5.6 U	6.7 UJ	6.7 UJ
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	8.6 U	8 U	9.5 UJ	10 UJ
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	8.6 U	8 U	9.5 UJ	10 UJ
SW8260	1,2-DICHLOROBENZENE	ug/kg	8.6 U	8 U	9.5 UJ	10 UJ
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	8.6 U	8 U	9.5 UJ	10 UJ
SW8260	1,3-DICHLOROBENZENE	ug/kg	8.6 U	8 U	9.5 UJ	10 UJ
SW8260	1,4-DICHLOROBENZENE	ug/kg	8.6 U	8 U	9.5 UJ	10 UJ
SW8260	BENZENE	ug/kg	4.7	1.6 U	1.9 UJ	2 UJ
SW8260	CHLOROBENZENE	ug/kg	8.6 U	8 U	9.5 UJ	10 UJ
SW8260	ETHYLBENZENE	ug/kg	4.6	1.6 U	1.9 UJ	2 UJ
SW8260	NAPHTHALENE	ug/kg	28300	111	5.2 J	10 UJ
SW8260	O-XYLENE	ug/kg	10.4	1.7	1.2 J	2 UJ
SW8260	TOLUENE	ug/kg	2.2	1.6 U	1.9 UJ	2 UJ
SW8260	XYLENES, M & P	ug/kg	5.1	3.2 U	3.8 UJ	4 UJ
SW8260	XYLENES, TOTAL	ug/kg	15.5	1.7 J	1.2 J	4 UJ
SW8270	ACENAPHTHENE	ug/kg	8410	370	56.5 J	34.4 J
SW8270	ACENAPHTHYLENE	ug/kg	1250	50.4	6.14 J	5.7 UJ
SW8270	ANTHRACENE	ug/kg	19200	794	105 J	73 J
SW8270	BENZO(A)ANTHRACENE	ug/kg	21500	859	129 J	104 J
SW8270	BENZO(A)PYRENE	ug/kg	22200	740	93.7 J	66.2 J
SW8270	BENZO(B)FLUORANTHENE	ug/kg	21600	719	115 J	85.3 J
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	11200	349	53.9 J	37.8 J
SW8270	BENZO(K)FLUORANTHENE	ug/kg	7530	310	56.3 J	41.9 J
SW8270	CHRYSENE	ug/kg	18600	672	87.9 J	67.1 J
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	3030	105	17.1 J	11.4 J
SW8270	FLUORANTHENE	ug/kg	47500	1820	230 J	180 J
SW8270	FLUORENE	ug/kg	8850	446	56.7 J	34.4 J
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	10800	352	60.9 J	42.5 J
SW8270	PHENANTHRENE	ug/kg	51400	2040	248 J	169 J
SW8270	PYRENE	ug/kg	40600	1370	187 J	154 J
SW9045	pH	S.U.	7.27	7.48	7.68 J	7.61 J

TABLE 4
SUMMARY OF SMU 5 VIBRACORE SEDIMENT ANALYTICAL RESULTS

ONONDAGA LAKE PDI:
PHASE V DATA SUMMARY REPORT
FINAL

		Location	OL-VC-50001	OL-VC-50001	OL-VC-50001	OL-VC-50002	OL-VC-50002	OL-VC-50002	OL-VC-50002	OL-VC-50002	OL-VC-50004
	Sample Depth	0-1 Ft	1-2 Ft	2-3 Ft	0-1 Ft	1-2 Ft	2-3 Ft	2-3 Ft	2-3 Ft	2-3 Ft	0-1 Ft
	Field Sample ID	OL-1063-01	OL-1063-02	OL-1063-03	OL-1063-04	OL-1063-05	OL-1063-06	OL-1063-07	OL-1063-08	OL-1063-07	OL-1063-08
	Sample Date	12/2/2009	12/2/2009	12/2/2009	12/2/2009	12/2/2009	12/2/2009	12/2/2009	12/2/2009	12/2/2009	12/2/2009
	Sample Delivery Group	OLS26	OLS26	OLS26							
	Matrix	SOIL	SOIL	SOIL	SOIL	HONEYWELL	SOIL	SOIL	SOIL	SOIL	SOIL
	Sample Purpose	Regular sample	Field duplicate	Regular sample							
	Sample Type	Sediment	Sediment								
Analytical Method	Parameter Name	Units									
SM20-2540-G	MOISTURE, PERCENT	%	55.6	53.1	47.4	52.5	44.9	52.3	49.6		46.4
SW7471	MERCURY	mg/kg	3.71 J	0.152 J	0.0217 U	2.05 J	0.141 J	0.023 UJ	0.0215 U		0.0206 U

TABLE 4
SUMMARY OF SMU 5 VIBRACORE SEDIMENT ANALYTICAL RESULTS

ONONDAGA LAKE PDI:
PHASE V DATA SUMMARY REPORT
FINAL

		Location	OL-VC-50004	OL-VC-50004	OL-VC-50009	OL-VC-50009	OL-VC-50009	OL-VC-50011	OL-VC-50011	OL-VC-50011
	Sample Depth		1-2 Ft	2-3 Ft	0-1 Ft	1-2 Ft	2-3 Ft	0-1 Ft	1-2 Ft	2-3 Ft
	Field Sample ID	OL-1063-09	OL-1063-10	OL-1064-11	OL-1064-12	OL-1064-13	OL-1064-14	OL-1064-15	OL-1064-16	
	Sample Date	12/2/2009	12/2/2009	12/3/2009	12/3/2009	12/3/2009	12/3/2009	12/3/2009	12/3/2009	12/3/2009
	Sample Delivery Group	OLS26	OLS26	OLS27						
	Matrix	SOIL								
	Sample Purpose	Regular sample								
	Sample Type	Sediment								
Analytical Method	Parameter Name	Units								
SM20-2540-G	MOISTURE, PERCENT	%	41.8	46.9	49	50	45.9	57.9	54.8	54.3
SW7471	MERCURY	mg/kg	0.0183 U	0.0203 U	0.28 J	0.0319 J	0.0212 UJ	13.1 J	0.0235 UJ	0.61 J

TABLE 4
SUMMARY OF SMU 5 VIBRACORE SEDIMENT ANALYTICAL RESULTS

		Location	OL-VC-50013	OL-VC-50013	OL-VC-50013	OL-VC-50014	OL-VC-50014	OL-VC-50014	OL-VC-50014	OL-VC-50015
	Sample Depth	0-1 Ft	1-2 Ft	2-3 Ft	0-1 Ft	1-2 Ft	2-3 Ft	2-3 Ft	2-3 Ft	0-1 Ft
	Field Sample ID	OL-1064-17	OL-1064-18	OL-1064-19	OL-1064-20	OL-1064-21	OL-1064-22	OL-1064-38	OL-1064-25	
	Sample Date	12/3/2009	12/3/2009	12/3/2009	12/3/2009	12/3/2009	12/3/2009	12/3/2009	12/3/2009	12/3/2009
	Sample Delivery Group	OLS27	OLS27	OLS27						
	Matrix	SOIL	SOIL	SOIL						
	Sample Purpose	Regular sample	Field duplicate	Regular sample						
	Sample Type	Sediment	Sediment							
Analytical Method	Parameter Name	Units								
SM20-2540-G	MOISTURE, PERCENT	%	54.2	51.2	49.3	60.8	53.4	45.3	45.9	57.4
SW7471	MERCURY	mg/kg	3.89 J	0.301 J	0.068 J	17 J	0.64 J	0.0198 UJ	0.0267 J	3.7 J

TABLE 4
SUMMARY OF SMU 5 VIBRACORE SEDIMENT ANALYTICAL RESULTS

		Location	OL-VC-50015	OL-VC-50015	OL-VC-50076	OL-VC-50076	OL-VC-50076	OL-VC-50077	OL-VC-50077	OL-VC-50077
	Sample Depth		1-2 Ft	2-3 Ft	0-1 Ft	1-2 Ft	2-3 Ft	0-1 Ft	1-2 Ft	2-3 Ft
	Field Sample ID	OL-1064-23	OL-1064-24	OL-1064-26	OL-1064-27	OL-1064-28	OL-1065-29	OL-1065-30	OL-1065-31	
	Sample Date	12/3/2009	12/3/2009	12/3/2009	12/3/2009	12/3/2009	12/3/2009	12/3/2009	12/3/2009	12/3/2009
	Sample Delivery Group	OLS27	OLS27	OLS27	OLS27	OLS27	OLS28	OLS28	OLS28	OLS28
	Matrix	SOIL								
	Sample Purpose	Regular sample								
	Sample Type	Sediment								
Analytical Method	Parameter Name	Units								
SM20-2540-G	MOISTURE, PERCENT	%	53.3	43.7	45.9	50.9	46.6	48.6	44.1	43.5
SW7471	MERCURY	mg/kg	0.148 J	0.0202 UJ	0.0377 J	0.0918 J	0.0203 UJ	0.128 J	0.0455 J	0.0202 U

TABLE 4
SUMMARY OF SMU 5 VIBRACORE SEDIMENT ANALYTICAL RESULTS

		Location	OL-VC-50078	OL-VC-50078	OL-VC-50078	OL-VC-50079	OL-VC-50079	OL-VC-50079
	Sample Depth		0-1 Ft	1-2 Ft	2-3 Ft	0-1 Ft	1-2 Ft	2-3 Ft
	Field Sample ID	OL-1065-32	OL-1065-33	OL-1065-37	OL-1063-34	OL-1063-35	OL-1063-36	
	Sample Date	12/3/2009	12/3/2009	12/3/2009	12/2/2009	12/2/2009	12/2/2009	
	Sample Delivery Group	OLS28	OLS28	OLS28	OLS26	OLS26	OLS26	
	Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	
	Sample Purpose	Regular sample						
	Sample Type	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	
Analytical Method	Parameter Name	Units						
SM20-2540-G	MOISTURE, PERCENT	%	32.4	42.9	48.9	47	43.9	49.2
SW7471	MERCURY	mg/kg	0.359 J	0.237 J	0.26 J	0.1 J	0.0237 J	0.0209 U

TABLE 5
IN SITU VANE SHEAR TEST RESULTS

Location ID	Date Measured	Vane Shear Measurements												Water Depth (ft)	USCS Code	Corresponding Vibracore Location ID ¹		
		1-foot Depth				2-foot Depth				3-foot Depth								
		Vane Length (mm)	Vane Diameter (mm)	Vane Constant	M-3 Scale Reading (kPa)	Vane Length (mm)	Vane Diameter (mm)	Vane Constant	M-3 Scale Reading (kPa)	Vane Length (mm)	Vane Diameter (mm)	Vane Constant	M-3 Scale Reading (kPa)	Remolded M-3 Scale Reading				
OL-VS-20161	7/8/09	40.0	20	1.000	39	40.0	20	1.000	50	40.0	20	1.000	35	22	1.5	SOLW	OL-VC-20161	
OL-VS-20163	7/8/09	130.0	65	0.029	47	130.0	65	0.029	100	130.0	65	0.029	78	14	2.8	ML	OL-VC-20163	
OL-VS-20165	7/8/09	50.8	25.4	0.488	17										6.6	NA	NA	
OL-VS-20166	7/8/09	130.0	65	0.029	38	130.0	65	0.029	106	130.0	65	0.029	130	28.0	5.4	ML	OL-VC-20166	
OL-VS-20167	7/13/09	40.0	20	1.000	6										2.1	ML	OL-VC-20167	
OL-VS-20169	7/8/09	32.0	16	1.953	70	32.0	16	1.953	64	32.0	16	1.953	35	8	1.5	SM	OL-VC-20169	
OL-VS-20180	7/8/09	32.0	16	1.953	38	32.0	16	1.953	22	32.0	16	1.953	21	6	2.4	SM-ML	OL-VC-20180	
OL-VS-20184	7/8/09	130.0	65	0.029	50	130.0	65	0.029	84	130.0	65	0.029	85	30	18.8	ML	OL-VC-20184	
OL-VS-20186	7/8/09	40.0	20	1.000	16										17.2	ML	OL-VC-20186	
OL-VS-30108	7/8/09	32.0	16	1.953	50	32.0	16	1.953	52	32.0	16	1.953	50	27	3.0	SOLW	OL-VC-30108	
OL-VS-30110	7/8/09	32.0	16	1.953	39	32.0	16	1.953	51	32.0	16	1.953	45	38	2.6	SOLW	OL-VC-30110	
OL-VS-30111	7/8/09	50.8	25.4	0.488	6	50.8	25.4	0.488	56	50.8	25.4	0.488	45	14	1.6	SW	OL-VC-30111	
OL-VS-30112	7/8/09	32.0	16	1.953	30	32.0	16	1.953	22	32.0	16	1.953	26	15	1.2	SOLW	OL-VC-30112	
OL-VS-30113	7/8/09	32.0	16	1.953	80	32.0	16	1.953	82	32.0	16	1.953	78	51	1.2	SOLW-ML	OL-VC-30113	
OL-VS-30122	7/8/09	40.0	20	1.000	20	40.0	20	1.000	20	40.0	20	1.000	20	4	3.6	ML-SM	OL-VC-30122	
OL-VS-30123	7/8/09	40.0	20	1.000	9	40.0	20	1.000	51	40.0	20	1.000	14	14	1.3	SOLW-SP	OL-VC-30123	
OL-VS-30124	7/8/09	32.0	16	1.953	20	32.0	16	1.953	72	32.0	16	1.953	104	50.0	1.4	ML-SM	OL-VC-30124	
OL-VS-30125	7/8/09	32.0	16	1.953	34	32.0	16	1.953	75	32.0	16	1.953	116	48.0	1.7	SOLW	OL-VC-30125	
OL-VS-40216	7/9/09	32.0	16	1.953	55	32.0	16	1.953	20	32.0	16	1.953	24	12	2.3	SW-ML	OL-VC-40216	
OL-VS-40217	7/9/09	50.8	25.4	0.488	18	50.8	25.4	0.488	30	50.8	25.4	0.488	51	12	1.4	ML-SOLW	OL-VC-40217	
OL-VS-40217	7/21/09	40.0	20	1.000	10	40.0	20	1.000	8	40.0	20	1.000	24	9.0	0.5	ML-SOLW	OL-VC-40217	
OL-VS-40219	7/9/09	50.8	25.4	0.488	4	50.8	25.4	0.488	70	50.8	25.4	0.488	52	10.0	3.0	ML	OL-VC-40219	
OL-VS-40223	7/9/09	50.8	25.4	0.488	12	50.8	25.4	0.488	11	50.8	25.4	0.488	10	5	2.7	ML	OL-VC-40223	
OL-VS-40225	7/9/09	40.0	20	1.000	16	40.0	20	1.000	53	40.0	20	1.000	43	16	1.4	ML	OL-VC-40225	
OL-VS-40225	7/21/09	40.0	20	1.000	9	40.0	20	1.000	96	40.0	20	1.000	81	15	0.5	ML	OL-VC-40225	
OL-VS-40226	7/9/09	40.0	20	1.000	103	40.0	20	1.000	130	40.0	20	1.000	36	22	1.4	ML	OL-VC-40226	
OL-VS-40226	7/21/09	32.0	16	1.953	42	32.0	16	1.953	52	32.0	16	1.953	126	32	0.5	ML	OL-VC-40226	

TABLE 5
IN SITU VANE SHEAR TEST RESULTS

Location ID	Date Measured	Vane Shear Measurements												Water Depth (ft)	USCS Code	Corresponding Vibracore Location ID ¹		
		1-foot Depth				2-foot Depth				3-foot Depth								
		Vane Length (mm)	Vane Diameter (mm)	Vane Constant	M-3 Scale Reading (kPa)	Vane Length (mm)	Vane Diameter (mm)	Vane Constant	M-3 Scale Reading (kPa)	Vane Length (mm)	Vane Diameter (mm)	Vane Constant	M-3 Scale Reading (kPa)	Remolded M-3 Scale Reading				
OL-VS-40227	7/9/09	40.0	20	1.000	68	40.0	20	1.000	40	40.0	20	1.000	58	30	1.5	ML	OL-VC-40227	
OL-VS-40228	7/9/09	40.0	20	1.000	29	40.0	20	1.000	21	40.0	20	1.000	16	12	2.1	ML-SM	OL-VC-40228	
OL-VS-40230	7/9/09	32.0	16	1.953	42	32.0	16	1.953	32	32.0	16	1.953	43	14	1.4	ML	OL-VC-40230	
OL-VS-40231	7/9/09	32.0	16	1.953	26	32.0	16	1.953	44	32.0	16	1.953	45	16	1.3	ML	OL-VC-40231	
OL-VS-40231	7/21/09	40.0	20	1.000	15	40.0	20	1.000	38	40.0	20	1.000	48	10	0.5	ML	OL-VC-40231	
OL-VS-40232	7/9/09	32.0	16	1.953	42	32.0	16	1.953	18	32.0	16	1.953	34	9	1.2	SM	OL-VC-40232	
OL-VS-40232	7/21/09	40.0	20	1.000	26	40.0	20	1.000	22	40.0	20	1.000	51	15	0.5	SM	OL-VC-40232	
OL-VS-40233	7/9/09	32.0	16	1.953	50	32.0	16	1.953	35	32.0	16	1.953	24	9	1.9	SW	OL-VC-40233	
OL-VS-60229	7/10/09	40.0	20	1.000	11	40.0	20	1.000	26	40.0	20	1.000	38	18	1.6	ML-SP-SM	OL-VC-60229	
OL-VS-60230	7/10/09	40.0	20	1.000	86	40.0	20	1.000	36	40.0	20	1.000	70	14	0.3	SP	OL-VC-60230	
OL-VS-60231	7/10/09	40.0	20	1.000	23	40.0	20	1.000	48	40.0	20	1.000	64	34	1.7	ML	OL-VC-60231	
OL-VS-60232	7/10/09	40.0	20	1.000	36	40.0	20	1.000	53	40.0	20	1.000	86	34	1.2	SM	OL-VC-60232	
OL-VS-60233	7/10/09	40.0	20	1.000	22	40.0	20	1.000	77	40.0	20	1.000	128	42	1.4	SP	OL-VC-60233	
OL-VS-60234	7/10/09	32.0	16	1.953	63	32.0	16	1.953	35	32.0	16	1.953	36	17	1.4	SW-SM	OL-VC-60234	
OL-VS-60237	7/10/09	32.0	16	1.953	20	32.0	16	1.953	20	32.0	16	1.953	20	14	0.7	SP-ML/CL	OL-VC-60237	
OL-VS-60240	7/10/09	40.0	20	1.000	52	40.0	20	1.000	24	40.0	20	1.000	28	15	1.3	NA	NA	
OL-VS-60242	7/9/09	50.8	25.4	0.488	72	50.8	25.4	0.488	40	50.8	25.4	0.488	34	12	3.0	SP-ML	OL-VC-60242	
OL-VS-60246	7/9/09	40.0	20	1.000	14	40.0	20	1.000	52	40.0	20	1.000	66	18	4.1	SP-ML	OL-VC-60246	
OL-VS-60247	7/10/09	40.0	20	1.000	20	40.0	20	1.000	46	40.0	20	1.000	78	20	2.9	ML-SW	OL-VC-60247	
OL-VS-60250	7/9/09	32.0	16	1.953	10	32.0	16	1.953	45	32.0	16	1.953	36	23	4.1	ML-SP	OL-VC-60250	
OL-VS-70127	7/10/09	32.0	16	1.953	90										0.5	NA	NA	
OL-VS-70129	7/9/09	40.0	20	1.000	28	40.0	20	1.000	29	40.0	20	1.000	50	12	1.4	NA	NA	
OL-VS-70134	7/9/09	40.0	20	1.000	2	40.0	20	1.000	92	40.0	20	1.000	27	13	2.8	SP-ML	OL-VC-70134	
OL-VS-70135	7/9/09	50.8	25.4	0.488	95	50.8	25.4	0.488	42	50.8	25.4	0.488	40	14	2.7	ML-SM	OL-VC-70135	

Max water depth for vane is 18'

Max Vane Length = 130 kPa

NA - Not applicable

Blank fields indicate that no reading was taken.

M-3 Calibration Factor **2.781**

ROCTEST M-3 Vane Tester

1. Sediment logs are included in Appendix B.

TABLE 6A
SUMMARY OF SEDIMENT GEOTECHNICAL DATA - INDEX TEST RESULTS

Location ID	Field Sample ID	Depth (ft)	Average Depth (ft)	Soil Stratum	Material	USCS	Water Content (ASTM D2216) (%)	Atterberg Limits (ASTM D4318)			Liquidity Index	Grain Size (ASTM D422)					Activity	Specific Gravity (ASTM D854)	Bulk Density (ASTM D2937) pcf	Dry Density (ASTM D2937) pcf	
								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-SB-10189	OL-1033-13	10-12	11	SOLW	SOLW	MH	135.4	78	45	33	2.7	0	2.1	97.9	30	18	1.8	2.49	73	37	
OL-SB-10189	OL-1033-14	15-17	16	SOLW	SOLW	MH	129.9	67	40	27	3.3	0.1	0.9	99	37	15	1.8		75	35	
OL-VC-20161	OL-1033-17	0-1	0.5	SOLW/Marl	Silty Sand	SM	88	Non-plastic	Non-plastic	Non-plastic		14.3	66.7	19	5	5		2.81			
OL-VC-20161	OL-1033-18	2-3	2.5	Marl/SOLW	Sandy Silt	MH	173.5	98	83	15	6.0	1.9	30.2	67.9	21	10	1.4				
OL-VC-20161	OL-1033-19	8-9	8.5	Marl	Sandy Silt	ML	102.4	44	36	8	8.3	0	39.8	60.2	19	14	0.6	2.7			
OL-VC-20162	OL-1033-20	0-1	0.5	Silt/SOLW	Sandy Silt	MH	131.7	70	52	18	4.4	0	37.2	62.8	21	15	1.2	2.57			
OL-VC-20162	OL-1033-21	5-6	5.5	SOLW	SOLW	MH	223.3	116	67	49	3.2	0	21.8	78.2	28	15	3.3				
OL-VC-20163	OL-1033-23	6-7	6.5	Silt	Silt	MH	77.7	52	31	21	2.2	0.5	14.1	85.4	39	21	1.0				
OL-ST-20163	OL-1033-01	0-3	1.5	Marl	Silt	MH	107.4	67	41	26	2.6	0	8.1	91.9	30	14	1.9	2.56	83	37	
OL-VC-20164	OL-1033-25	4-5	4.5	Silt	Silty Clay													2.75			
OL-VC-20166	OL-1033-27	0-1	0.5	Silt	Sandy Silt	ML	83.2	48	43	5	8.0	0.2	36.4	63.4	17	13	0.4	2.71			
OL-VC-20166	OL-1033-28	4-5	4.5	Marl	Silt with Sand	ML	79.8	41	32	9	5.3	0.9	14.5	84.6	28	16	0.6				
OL-ST-20166	OL-1033-02	4-6.5	5.25	Marl	Silty Sand with Gravel	SM	60.3	Non-plastic	Non-plastic	Non-plastic		16.6	35.5	47.9	25	15			101	63	
OL-VC-20167	OL-1033-29	0-1	0.5	Silt	Silt with Sand	MH	93.6	58	41	17	3.1	0.9	24.8	74.3	10	7	2.3				
OL-VC-20167	OL-1033-30	3-4	3.5	Marl	Silty Sand	SM	82.6	Non-plastic	Non-plastic	Non-plastic		1.3	50.7	48	27	17					
OL-VC-20168	OL-1033-31	0-1	0.5	Sand/Marl	Silty Sand with Gravel	SM	53.8	Non-plastic	Non-plastic	Non-plastic		28.6	45.3	26.1	10	7					
OL-VC-20168	OL-1033-32	4-5	4.5	Marl	Sandy Silt with Gravel	ML	63.9	Non-plastic	Non-plastic	Non-plastic		17.4	31.8	50.8	25	17	2.7				
OL-VC-20169	OL-1033-33	0-1	0.5	Silt/Marl	Silty Sand with Gravel	SM	57.5	47	35	12	1.9	15.9	53.4	30.7	8	4	3.0				
OL-VC-20169	OL-1033-34	2-3	2.5	Marl	Silty Sand with Gravel	SM	72.2	Non-plastic	Non-plastic	Non-plastic		16.7	40	43.3	21	14					
OL-VC-20169	OL-1033-35	5-6	5.5	Marl	Silt with Sand	ML	71.4	45	29	16	2.7	0.1	16	83.9	23	14	1.1				
OL-ST-20169	OL-1033-03	0-3	1.5	Marl	Sandy Silt	ML	63.2	37	27	10	3.6	3	44.8	52.2	13	6	1.6		97	60	
OL-VC-20170	OL-1033-36	0-1	0.5	Silt/Marl	Silty Gravel with Sand	GM	46.8	Non-plastic	Non-plastic	Non-plastic		51.4	33	15.6	6	4					
OL-VC-20170	OL-1033-37	3-4	3.5	Marl	Sandy Silt	ML	71.7	44	37	7	5.0	1.2	39.8	59	12	9	0.8	2.68			
OL-VC-20184	OL-1033-38	0-1	0.5	Silt	Clay	CH	125.8	64	31	33	2.9	0.7	8.7	90.6	37	26	1.3				
OL-VC-20184	OL-1033-39	2-3	2.5	Silt	Silt with Sand	ML	84.7	48	38	10	4.7	0	24.5	75.5	21	14	0.7	2.71			
OL-VC-20185	OL-1033-40	0-1	0.5	Silt	Clay	CH	162.8	83	32	51	2.6	0	9.3	90.7	52	39	1.3				
OL-VC-20185	OL-1033-41	5-6	5.5	Marl	Silt with Sand	MH	70.7	52	30	22	1.9	0.9	20.9	78.2	22	17	1.3	2.73			
OL-VC-20185	OL-1033-42	8-9	8.5	Silt/Clay	Silt with Sand	ML	48	40	32	8	2.0	2.2	17.9	79.9	30	20	0.4	2.76			
OL-VC-30111	OL-1033-43	0-1	0.5	SOLW/Silt	Silt	MH	112.8	64	43	21	3.3	2.4	12	85.6	13	5	4.4				
OL-VC-30111	OL-1033-44	3-4	3.5	Marl	Sandy Silt	ML	78.5	46	33	13	3.5	0.4	30.5	69.1	5	2	5.9	2.69			
OL-VC-30112	OL-1033-45	0-1	0.5	SOLW	Silt with Sand	MH	143.9	83	81	2	31.5	0.2	16.1	83.7	12	5	0.4				
OL-VC-30112	OL-1033-46	2-3	2.5	Marl	Sandy Silt	ML	77	Non-plastic	Non-plastic	Non-plastic		0	41	59	15	7					
OL-VC-30112	OL-1033-47	6-7	6.5	Marl	Silt with Sand	ML	70.6	50	38	12	2.7	0	18.4	81.6	25	13	0.9				
OL-ST-30112	OL-1033-04	0-3	1.5	SOLW/Marl	Silt	MH	177	118	80	38	2.6	0	4	96	38	21	1.8	2.32	79	29	
OL-VC-30113	OL-1033-48	0-1	0.5	SOLW	Silt	MH	145.1	73	44	29	3.5	0.4	8.8	90.8	15	6	4.9				
OL-VC-30113	OL-1033-49	3-4	3.5	Marl	Silt with Sand	ML	65	40	37	3	9.3	0.1	27.4	72.5	14	9	0.3				
OL-VC-30113	OL-1033-50	6-7	6.5	Marl	Sandy Silt	MH	86	51	46	5	8.0	0	31.6	68.4	6	3	1.6	2.61			
OL-VC-30123	OL-1033-51	0-1	0.5	SOLW	Silt	MH	140.1	82	68	14	5.2	3.4	10.6	86	27	11	1.2				
OL-VC-30123																					

TABLE 6A
SUMMARY OF SEDIMENT GEOTECHNICAL DATA - INDEX TEST RESULTS

Location ID	Field Sample ID	Depth (ft)	Average Depth (ft)	Soil Stratum	Material	USCS	Water Content (ASTM D2216) (%)	Atterberg Limits (ASTM D4318)			Liquidity Index	Grain Size (ASTM D422)					Activity	Specific Gravity (ASTM D854)	Bulk Density (ASTM D2937) pcf	Dry Density (ASTM D2937) pcf	
								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-40223	OL-1033-67	8-9	8.5	Marl	Clay with Sand	CL	73.9	38	21	17	3.1	0	25	75	27	17	1.0				
OL-VC-40225	OL-1033-68	0-1	0.5	Silt	Silt	ML	81.2	49	36	13	3.5	0.9	5.6	93.5	18	13	1.0	2.62			
OL-VC-40225	OL-1033-69	2-3	2.5	Marl	Sandy Silt	ML	65.7	Non-plastic	Non-plastic	Non-plastic		1	47.4	51.6	9	6					
OL-VC-40226	OL-1033-70	0-1	0.5	Silt	Silt with Sand	MH	103.4	55	40	15	4.2	3.4	14.9	81.7	23	16	0.9				
OL-VC-40226	OL-1033-71	3-4	3.5	Marl	Sandy Silt	ML	73.2	43	31	12	3.5	13.7	27.3	59	24	18	0.7				
OL-ST-40226	OL-1033-07	0-3	1.5	Marl	Silt with Sand	ML	27.8	Non-plastic	Non-plastic	Non-plastic		0	21.1	78.9	9	6		2.66	96	58	
OL-VC-40227	OL-1033-72	0-1	0.5	Silt/Marl	Silt with Sand	ML	75.1	46	42	4	8.3	0.3	26.4	73.3	5	5	0.8				
OL-VC-40227	OL-1033-73	2-3	2.5	Marl	Sandy Silt	ML	117.5	46	41	5	15.3	13.1	33.2	53.7	14	11	0.5				
OL-VC-40230	OL-1033-74	0-1	0.5	Silt/Marl	Sandy Silt	ML	70.9	Non-plastic	Non-plastic	Non-plastic		4.7	38.2	57.1	8	4					
OL-VC-40230	OL-1033-75	2-3	2.5	Marl	Silty Sand with Gravel	SM	77.1	Non-plastic	Non-plastic	Non-plastic		19.2	44.9	35.9	11	8		2.64			
OL-VC-40231	OL-1033-76	0-1	0.5	Marl	Silty Sand	SM	68.7	Non-plastic	Non-plastic	Non-plastic		3.5	51.3	45.2	3	1					
OL-VC-40231	OL-1033-77	3-4	3.5	Marl	Sandy Silt	ML	81.5	42	31	11	4.6	3.7	29.9	66.4	9	6	2.0				
OL-VC-40232	OL-1033-78	0-1	0.5	Marl	Silty Sand	SM	63.9	Non-plastic	Non-plastic	Non-plastic		0	52	48	2	1		2.63			
OL-VC-40232	OL-1033-79	3-4	3.5	Marl	Sandy Silt	ML	71.3	41	30	11	3.8	4.2	35.1	60.7	4	2	4.8				
OL-VC-60229	OL-1033-80	0-1	0.5	Marl	Silty Sand	SM	53.1	Non-plastic	Non-plastic	Non-plastic		5.6	60.9	33.5	8	4		2.64			
OL-VC-60229	OL-1033-81	2-3	2.5	Marl	Sandy Silt	ML	76.7	Non-plastic	Non-plastic	Non-plastic		0	39.8	60.2	16	11					
OL-VC-60229	OL-1033-82	5-6	5.5	Marl	Sandy Silt	ML	71.9	Non-plastic	Non-plastic	Non-plastic		0	48.9	51.1	10	6					
OL-ST-60229	OL-1033-08	0-3	1.5	Marl	Silty Sand	SM	43.8	Non-plastic	Non-plastic	Non-plastic		2.3	62.6	35.1	9	5		2.66	95	58	
OL-VC-60231	OL-1033-83	0-1	0.5	Sand/Marl	Sandy Silt	ML	56.6	41	28	13	2.2	3.5	42.3	54.2	16	13	1.0	2.63			
OL-VC-60231	OL-1033-84	3-4	3.5	Marl	Silty Sand	SM	48.4	Non-plastic	Non-plastic	Non-plastic		0.2	70.9	28.9	8	5					
OL-VC-60231	OL-1033-85	6-7	6.5	Marl	Sandy Silt	ML	58.6	43	34	9	2.7	0	35.5	64.5	13	8	1.1				
OL-VC-60233	OL-1033-86	0-1	0.5	Sand/Silt	Silt with Sand	MH	67	61	39	22	1.3	5.4	22.4	72.2	24	16	1.4				
OL-VC-60233	OL-1033-87	4-5.3	4.7	Fine Sand	Silty Sand	SM	43.7	34	26	8	2.2	0	55.1	44.9	13	8	1.1	2.67			
OL-ST-60233	OL-1033-09	0-3	1.5	Sand/Marl	Silty Sand	SM	31.2	Non-plastic	Non-plastic	Non-plastic		0	77.7	22.3	4	4			109	88	
OL-VC-60234	OL-1033-88	0-1	0.5	Sand	Sand with Gravel	SP	40.5	Non-plastic	Non-plastic	Non-plastic		19	78.7	2.3							
OL-VC-60234	OL-1033-89	3-4	3.5	Marl	Silty Sand	SM	40.7	Non-plastic	Non-plastic	Non-plastic		0.6	65.8	33.6	7	5					
OL-VC-60234	OL-1033-90	5-6	5.5	Marl	Sandy Silt	ML	41.1	Non-plastic	Non-plastic	Non-plastic		0.2	43.6	56.2	6	4					
OL-VC-60235	OL-1033-91	0-1	0.5	Sand	Sand with Silt	SP-SM	29.3	Non-plastic	Non-plastic	Non-plastic		9.7	83.8	6.5	2	1					
OL-VC-60235	OL-1033-92	2-3	2.5	Marl	Sandy Silt	ML	31.6	Non-plastic	Non-plastic	Non-plastic		1.8	32	66.2	10	5		2.6			
OL-VC-60235	OL-1033-93	5-6	5.5	Marl	Sandy Silt	ML	46.6	Non-plastic	Non-plastic	Non-plastic		0.3	41.3	58.4	10	6					
OL-ST-60235	OL-1033-10	0-3	1.5	Marl	Silty Sand	SM	20.5	Non-plastic	Non-plastic	Non-plastic		4.4	82.7	12.9	4	3		2.67			
OL-VC-60236	OL-1033-94	0-1	0.5	Sand	Silty Sand with Gravel	SM	57.9	Non-plastic	Non-plastic	Non-plastic		15.8	64.2	20	4	2					
OL-VC-60236	OL-1033-95	4-5	4.5	Marl	Silty Sand	SM	47.3	Non-plastic	Non-plastic	Non-plastic		0.2	60.4	39.4	8	7					
OL-VC-60237	OL-1033-96	0-1	0.5	Sand	Sand with Silt and Gravel	SW-SM	29.2	Non-plastic	Non-plastic	Non-plastic		21.1	69.6	9.3	5	4					
OL-VC-60237	OL-1033-97	5-6	5.5	Marl	Sandy Silt	ML	69.7	Non-plastic	Non-plastic	Non-plastic		0	41.2	58.8	14	9		2.65			
OL-ST-60237	OL-1033-11	0-3	1.5	Sand/Marl	Clayey Sand	SC	38.7	31	19	12	1.6	0	51.5	48.5	15	10	1.2		92	63	
OL-VC-70126	OL-1033-98	0-1	0.5	Sand	Silty Sand	SM	46.4	Non-plastic	Non-plastic	Non-plastic		5.8	76.9	17.3	4	3					
OL-VC-70126	OL-1033-99	3-4	3.5	Marl	Sandy Silt	ML	51.3	Non-plastic	Non-plastic	Non-plastic		0.2	46.9	52.9	13	9		2.63			
OL-VC-70128	OL-1033-100	0-1	0.5	Sand	Sandy Silt	ML	59.9	Non-plastic	Non-plastic												

TABLE 6A
SUMMARY OF SEDIMENT GEOTECHNICAL DATA - INDEX TEST RESULTS

Location ID	Field Sample ID	Depth (ft)	Average Depth (ft)	Soil Stratum	Material	USCS	Water Content (ASTM D2216) (%)	Atterberg Limits (ASTM D4318)			Liquidity Index	Grain Size (ASTM D422)					Activity	Specific Gravity (ASTM D854)	Bulk Density (ASTM D2937) pcf	Dry Density (ASTM D2937) pcf
								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-SB-60257	OL-1000-17	20-22	21	Marl	Silt	MH	79.8	63	37	26	1.6	0.0	0.9	99.1	34	23	1.13		94	51
OL-SB-60257	OL-1000-18	39-41	40	Marl	Clay	CH	50	58	30	28	0.7	0.0	0.3	99.7	42	28	1.00	2.65	103	69
OL-SB-60257	OL-1000-19	49-51	50	Marl																
OL-SB-60257	OL-1000-20	74-76	75	Silt and Clay	Silt	MH	54.4	57	30	27	0.9	0.0	0.3	99.7	65	43	0.63		102	67
OL-SB-60258	OL-1000-21	18-20	19	Marl	Silt	MH	85.5	59	49	10	3.7	0.0	3.3	96.7	33	24	0.42	2.66	82	44
OL-SB-60258	OL-1000-22	23-25	24	Marl	Silt	MH	81.9	76	40	36	1.2	0.0	2.2	97.8	37	27	1.35		91	51
OL-SB-60258	OL-1000-23	71-73	72	Silt and Clay	Silt	MH	56.3	55	32	23	1.1	0.0	0.2	99.8	61	41	0.56		101	64
OL-SB-60259	OL-1000-24	16-18	17	Marl	Silt	MH	90.2	72	39	33	1.6	0.0	1.5	98.5	25	19	1.77		88	44
OL-SB-60259	OL-1000-25	21-23	22	Marl	Silt	MH	87.9	51	35	16	3.3	0.0	3.1	96.9	26	17	0.92		94	50
OL-SB-60259	OL-1000-26	70-72	71	Silt and Clay	Clay	CH	59	58	30	28	1.0	0.0	0.3	99.7	52	34	0.83	2.74	103	66
OL-SB-70130	OL-1000-27	10-12	11	Marl	Silt	MH	72.9	51	39	12	2.8	0.0	9.3	90.7	25	18	0.67	2.93	91	50
OL-SB-70130	OL-1000-28	18-20	19	Marl	Silt	MH	83.4	77	41	36	1.2	0.0	3.0	97.0	33	25	1.42		91	46
OL-SB-70130	OL-1000-29	64-66	65	Silt and Clay	Silt	MH	57.3	58	31	27	1.0	0.0	0.2	99.8	65	41	0.66		102	65
OL-SB-70131	OL-1000-30	4-6	5	Marl	Sandy Silt	ML	83.8	Non-Plastic	Non-Plastic	Non-Plastic		0.0	44.7	55.3	12	7			91	54
OL-SB-70131	OL-1000-31	14-16	15	Marl																
OL-SB-70131	OL-1000-32	19-21	20	Marl	Silt	MH	81.3	67	37	30	1.5	0.0	2.5	97.5	36	18	1.67		92	50
OL-SB-70131	OL-1000-33	59-61	60	Silt and Clay	Clay	CH	59.8	58	29	29	1.1	0.0	0.5	99.5	59	34	0.85	2.76	92	58
OL-SB-70131	OL-1000-34	66-68	67	Silt and Clay																
OL-SB-70132	OL-1000-35	14-16	15	Marl	Silt with Sand	ML	74.1	48	39	9	3.9	1.7	19.1	79.2	21	17	0.53	2.64	91	45
OL-SB-70132	OL-1000-36	20-22	21	Marl	Silt	MH	79.4	71	37	34	1.2	0.0	1.7	98.3	38	29	1.15		93	49
OL-SB-70132	OL-1000-37	62-64	63	Silt and Clay	Silt	ML	58.1	46	30	16	1.8	0.0	0.3	99.7	50	30	0.54		107	68
OL-SB-70133	OL-1000-38	14-16	15	Marl	Silt	MH	93.8	64	39	25	2.2	0.0	1.3	98.7	41	31	0.80		92	52
OL-SB-70133	OL-1000-39	19-21	20	Marl	Silt	MH	77.3	67	39	28	1.4	0.0	1.7	98.3	38	20	1.41		92	52
OL-SB-70133	OL-1000-40	70-72	71	Silt and Clay	Clay	CH	57.4	57	30	27	1.0	0.0	0.4	99.6	62	41	0.65	2.73	100	64

TABLE 6B
SUMMARY OF GEOTECHNICAL DATA - UU TEST RESULTS

Location ID	Field Sample ID	Depth (ft)	Average Depth (ft)	Soil Stratum	Water Content (%)	Dry Density (pcf)	Confining Stress (psf)	Undrained Strength (psf)	Strain at Failure (%)
OL-SB-10189	OL-1033-13	10-12	11	SOLW	122.3	32.8	1400	202.1	1.22
OL-SB-10189	OL-1033-14	15-17	16	SOLW	113.4	35.1	1800	131.0	1.95
OL-ST-20163	OL-1033-01	0-3	1.5	Marl	100.2	37.9	400	15.3	6.23
OL-ST-20166	OL-1033-02	4-6.5	5.25	Marl	60.7	55.2	800	142.2	14.70
OL-ST-20169	OL-1033-03	0-3	1.5	Marl	68.6	55.2	250	209.2	15.00
OL-ST-30112	OL-1033-04	0-3	1.5	SOLW/Marl	191.5	26.6	250	288.9	2.33
OL-ST-30124	OL-1033-05	0-3	1.5	Marl	48.3	66.7	250	903.9	6.30
OL-ST-40216	OL-1033-06	0-3	1.5	Marl	71.7	53.9	350	274.2	15.00
OL-ST-40226	OL-1033-07	0-3	1.5	Marl	68.9	58.3	200	356.6	4.80
OL-ST-60229	OL-1033-08	0-3	1.5	Marl	39.4	60.9	250	516.6	5.58
OL-ST-60233	OL-1033-09	0-3	1.5	Sand/Marl	42.9	71.7	200	316.7	13.60
OL-ST-60235	OL-1033-10	0-3	1.5	Marl	11.5	101.8	300	287.2	2.58
OL-ST-60237	OL-1033-11	0-3	1.5	Sand/Marl	50.8	56.3	200	187.3	9.63
OL-ST-70128	OL-1033-12	0-3	1.5	Sand/Marl	28.9	73.4	200	295.2	2.90
OL-SB-70139	OL-1033-15	10-12	11	SOLW	106.4	36.9	2000	267.9	4.91
OL-SB-70139	OL-1033-16	18-20	19	SOLW	90.0	40.3	2700	139.7	5.08
OL-SB-60254	OL-1000-06	25-27	26	Marl	70.3	54.15	3000	420	15
OL-SB-60255	OL-1000-10	20-22	21	Marl	78	53.16	2500	407	12.7
OL-SB-60256	OL-1000-13	21-23	22	Marl	76.4	52.05	2500	363	13.4
OL-SB-60257	OL-1000-17	20-22	21	Marl	73.8	53.89	2500	269	9.9
OL-SB-60258	OL-1000-21	18-20	19	Marl	69.9	58.09	2500	263	12.1
OL-SB-60259	OL-1000-24	16-18	17	Marl	84.6	48.72	2000	347	14.4
OL-SB-70130	OL-1000-27	10-12	11	Marl	64.1	60.91	1500	422	8.38
OL-SB-70131	OL-1000-32	19-21	20	Marl	78.2	51.39	2500	353	15
OL-SB-70132	OL-1000-35	14-16	15	Marl	46.5	73.9	2000	432	12.4
OL-SB-70133	OL-1000-39	19-21	20	Marl	77.4	51.71	2500	330	5.98

Note:

- These parameters are provided to show general material behavior for informational purposes only.
Additional interpretation will be required for design.

TABLE 6C
SUMMARY OF GEOTECHNICAL DATA - CU TEST RESULTS

Location ID	Field Sample ID	Depth (ft)	Average Depth (ft)	Soil Stratum	Initial Water Content (%)	Initial Confining Stress (σ'_3) (psf)	Peak Deviator Stress ($\sigma'_1 - \sigma'_3$) (psf)	Undrained Strength (psf)	Strain at Failure (%)	CIU Total Stress		CIU Effective Stress	
										Cohesion (psf)	Friction Angle (degrees)	Cohesion (psf)	Friction Angle (degrees)
OL-ST-20163	OL-1033-01	0-3	1.5	Marl	106.5	299.4	204.2	102.1	9.88	66.4	5.1	67.9	9.2
					123.2	598.6	263.2	131.6	8.53				
OL-ST-20166	OL-1033-02	4-6.5	5.25	Marl	60.1	399.2	568.4	284.2	6.9				
OL-ST-20169	OL-1033-03	0-3	1.5	Marl	59.1	149.4	745.4	372.7	14.6				
OL-ST-30112	OL-1033-04	0-3	1.5	SOLW/Marl	251.8	146.5	324.6	162.3	5.28	50.9	22.7	100	40
					265.4	301.2	558.8	279.4	5.18				
					174.6	601.5	901.2	450.6	2.6				
OL-ST-30124	OL-1033-05	0-3	1.5	Marl	69.9	149.6	1264.2	632.1	5.9				
OL-ST-40216	OL-1033-06	0-3	1.5	Marl	68.4	151.8	481.6	240.8	12.3	132	12.3	78.2	30.2
					89	299.7	399.4	199.7	6.1				
					66.4	598.6	669.4	334.7	4.23				
OL-ST-40226	OL-1033-07	0-3	1.5	Marl	64.5	199.1	511	255.5	5.55				
OL-ST-60229	OL-1033-08	0-3	1.5	Marl	78.6	149	811.4	405.7	11.3	0	40	21.6	43.3
					63	299.7	389.8	194.9	10.7				
					63.3	601.3	2796	1398	11.7				
OL-ST-60233	OL-1033-09	0-3	1.5	Sand/Marl	23.8	199.6	3228	1614	15				
OL-ST-60235	OL-1033-10	0-3	1.5	Marl	27	148.3	5634	2817	15	439	3.2	406	8.6
					33.5	601.3	3600	1800	15				
OL-ST-60237	OL-1033-11	0-3	1.5	Sand/Marl	44.9	149.4	319.2	159.6	13.4				
OL-ST-70128	OL-1033-12	0-3	1.5	Sand/Marl	36.6	146.9	1133.8	566.9	14.5	108	45.8	0	40
					40.5	297.7	2356	1178	15				
					34.1	596.5	3448	1724	8.15				
OL-SB-60255	OL-1000-12	66-68	67	Silt and Clay	52.6	2999	1962.2	981.1	5.25	58	13.2	79	33.3
					53.3	6002	3614	1807	4.55				
					45.1	12000	7248	3624	4.9				
OL-SB-60256	OL-1000-15	49-51	50	Marl	53.2	2000	2106	1053	12.2	371	12.3	119	32.3
					55.3	4002	2948	1474	13.3				
					55.3	7999	5312	2656	12.3				
OL-SB-60256	OL-1000-16	76-78	77	Silt and Clay	55	3002	2094	1047	6.73	220	11.2	146	30.1
					49.4	6002	3244	1622	12.1				
					42.4	12000	6350	3175	5.13				
OL-SB-60257	OL-1000-18	39-41	40	Marl	52.2	1500	1508.4	754.2	6.1	287	11.7	248	29.8
					51.3	3000	2162	1081	8.95				
					49.1	6002	3768	1884	8.95				
OL-SB-60257	OL-1000-20	74-76	75	Silt and Clay	53.8	3000	5914	2957	2.73	1490	8.5	861	26.9
					56.2	5998	3762	1881	10.2				
					52	12000	7936	3968	7				
OL-SB-60258	OL-1000-21	18-20	19	Marl	66.6	1000	2168	1084	14.7	703	5.2	78.2	32.9
					96.8	1997	1403.4	701.7	15				
					86.4	3999	2446	1223	13.4				
OL-SB-60258	OL-1000-23	71-73	72	Silt and Clay	57	3001	2078	1039	8.45	313	11.1	223	29.8
					55.2	6000	3778	1889	15				
					57	12000	6412	3206	3.73				
OL-SB-60259	OL-1000-24	16-18	17	Marl	89.8	1001	700.4	350.2	2.33	180	7	200	18.3
					89.7	1999	937.8	468.9	2.83				
					99.1	3997	1525.4	762.7	2.1				
OL-SB-60259	OL-1000-26	70-72	71	Silt and Clay	60.4	3001	2140	1070	5.37	259	11.5	151	32.4
					60	5997	3596	1798	5.1				
					57.3	12000	6610	3305	7.4				

TABLE 6C
SUMMARY OF GEOTECHNICAL DATA - CU TEST RESULTS

Location ID	Field Sample ID	Depth (ft)	Average Depth (ft)	Soil Stratum	Initial Water Content (%)	Initial Confining Stress (σ'_1 - σ'_3) (psf)	Peak Deviator Stress (σ'_1 - σ'_3) (psf)	Undrained Strength (psf)	Strain at Failure (%)	CIU Total Stress		CIU Effective Stress	
										Cohesion (psf)	Friction Angle (degrees)	Cohesion (psf)	Friction Angle (degrees)
OL-SB-70130	OL-1000-27	10-12	11	Marl	67.4	499.6	508.6	254.3	4.68	157	10.3	7.17	37.3
					72	1000	947.8	473.9	9.7				
					81.5	1998	1191.6	595.8	2.35				
OL-SB-70130	OL-1000-29	64-66	65	Silt and Clay	57.2	2500	1795.4	897.7	8.37	245	11.5	200	30.3
					55.1	4994	3174	1587	8.73				
					57.9	10000	5560	2780	11.4				
OL-SB-70131	OL-1000-32	19-21	20	Marl	86.6	999.8	967.6	483.8	3.23	85.7	12.1	95.3	33.8
					92.3	1997	964.6	482.3	1.35				
					81.5	4002	2416	1208	6.96				
OL-SB-70131	OL-1000-34	66-68	67	Silt and Clay	59.7	2504	2028	1014	15	357	10.8	209	31.1
					56.1	5005	3118	1559	6.08				
					61	10000	5460	2730	4.25				
OL-SB-70132	OL-1000-35	14-16	15	Marl	66.3	1000	1167.4	583.7	12.3	374	5.9	501	2.6
					89.2	2000	1137.4	568.7	2.48				
					97.6	4000	1798	899	1.2				
OL-SB-70132	OL-1000-37	62-64	63	Silt and Clay	55	2500	1621	810.5	6.33	138	12.3	103	33
					56.7	5004	3146	1573	4.16				
					51.8	9995	5698	2849	8.7				
OL-SB-70133	OL-1000-39	19-21	20	Marl	74.5	999.4	871	435.5	7.25	341	6.3	12.1	32.5
					74.9	1998	1471.6	735.8	11.5				
					84.1	3997	1656.4	828.2	5.9				
OL-SB-70133	OL-1000-40	70-72	71	Silt and Clay	57	3001	1961.6	980.8	10.3	550	7.4	331	24.9
					55.5	5998	3294	1647	8.5				
					57	12000	4698	2349	8.13				

Notes:

- These parameters are provided to show general material behavior for informational purposes only. Additional interpretation will be required for design.
- Cohesion and friction angle are not determined for the 1-point CU tests.

TABLE 6D
SUMMARY OF GEOTECHNICAL DATA - CONSOLIDATION TEST RESULTS

ONONDAGA LAKE PDI:
PHASE V DATA SUMMARY REPORT
FINAL

Location ID	Field Sample ID	Depth (ft)	Average Depth (ft)	Sediment Type	Compression Index (C_c)	Recompression Index (C_r)	Modified Compression Index ($C_{c\phi}$)	Modified Recompression Index ($C_{r\phi}$)	Initial Void Ratio (e_0)	Initial Water Content (%)	Preconsolidation Pressure (psf)
OL-ST-20163	OL-1033-01	0-3	1.5	Marl	0.545	0.022	0.169	0.007	2.22	80.3	Disturbed Sample
OL-ST-30112	OL-1033-04	0-3	1.5	SOLW/Marl	1.348	0.054	0.260	0.010	4.18	167.1	467
OL-ST-40216	OL-1033-06	0-3	1.5	Marl	0.414	0.012	0.150	0.004	1.76	63.5	416
OL-ST-60229	OL-1033-08	0-3	1.5	Marl	0.430	0.016	0.147	0.005	1.93	68.5	2679
OL-ST-60235	OL-1033-10	0-3	1.5	Marl	0.221	0.014	0.096	0.006	1.29	40.5	900
OL-ST-70128	OL-1033-12	0-3	1.5	Sand/Marl	0.188	0.011	0.085	0.005	1.21	45.0	2661
OL-SB-60254	OL-1000-07	44-46	45	Marl	0.623	0.063	0.216	0.022	1.89	63.75	1950
OL-SB-60254	OL-1000-08	64-66	65	Silt and Clay	0.659	0.041	0.220	0.014	2.00	67.84	3000
OL-SB-60255	OL-1000-11	26-28	27	Marl	0.650	0.055	0.223	0.019	1.91	70.05	1700
OL-SB-60256	OL-1000-14	35-37	36	Marl	0.495	0.053	0.176	0.019	1.81	60.62	1100
OL-SB-60257	OL-1000-19	49-51	50	Marl	0.638	0.072	0.220	0.025	1.90	62.67	2000
OL-SB-60258	OL-1000-23	71-73	72	Silt and Clay	0.484	0.042	0.166	0.015	1.92	65.86	1200
OL-SB-60259	OL-1000-24	16-18	17	Marl	0.986	0.067	0.257	0.018	2.83	105.80	990
OL-SB-70130	OL-1000-27	10-12	11	Marl	0.785	0.051	0.214	0.014	2.66	87.03	900
OL-SB-70131	OL-1000-30	4-6	5	Marl	0.546	0.012	0.167	0.004	2.27	74.96	Disturbed Sample
OL-SB-70131	OL-1000-33	59-61	60	Silt and Clay	0.406	0.052	0.151	0.019	1.69	60.39	Disturbed Sample
OL-SB-70132	OL-1000-35	14-16	15	Marl	0.893	0.040	0.250	0.011	2.57	95.35	800
OL-SB-70133	OL-1000-39	19-21	20	Marl	0.507	0.031	0.170	0.010	1.99	64.33	990
OL-SB-70133	OL-1000-40	70-72	71	Silt and Clay	0.403	0.041	0.164	0.017	1.46	50.28	Disturbed Sample

TABLE 7A
SUMMARY OF POREWATER CENTRIFUGE VIBRACORE ANALYTICAL RESULTS

Location	OL-VC-20192	OL-VC-20192	OL-VC-20192	OL-VC-20192	OL-VC-20192	OL-VC-20193	OL-VC-20193
Sample Depth	0.00-2.00 Ft	2.00-4.00 Ft	4.00-6.00 Ft	6.00-8.00 Ft	8.00-9.10 Ft	0.00-2.00 Ft	2.00-4.00 Ft
Field Sample ID	OL-1049-01DP	OL-1049-02DP	OL-1049-03DP	OL-1049-04DP	OL-1049-05DP	OL-1051-01DP	OL-1051-02DP
Sample Date	10/5/2009	10/5/2009	10/5/2009	10/5/2009	10/5/2009	10/9/2009	10/9/2009
Sample Delivery Group	OLS20	OLS20	OLS20	OLS20	OLS20	OLS22	OLS22
Matrix	WATER	WATER	WATER	WATER	WATER	WATER	WATER
Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
Sample Type	Porewater	Porewater	Porewater	Porewater	Porewater	Porewater	Porewater
Method	Parameter Name	Units					
SM-5310-C	DISSOLVED ORGANIC CARBON	mg/L	37.1	52.8	146	178	14.5
SW7470	MERCURY	ug/L	0.056 U				
SW8260	1,2,3-TRICHLOROBENZENE	ug/L	1 U	1 U	1 U	1 U	1 U
SW8260	1,2,4-TRICHLOROBENZENE	ug/L	1 U	1 U	1 U	2 J	1 U
SW8260	1,2-DICHLOROBENZENE	ug/L	1 U	1 U	1 J	3 J	6
SW8260	1,3,5-TRICHLOROBENZENE	ug/L	1 U	1 U	1 U	1 U	1 U
SW8260	1,3-DICHLOROBENZENE	ug/L	1 U	1 U	1 U	3 J	3 J
SW8260	1,4-DICHLOROBENZENE	ug/L	1 U	1 U	1 J	9	9
SW8260	BENZENE	ug/L	6	9	63	120	110
SW8260	CHLOROBENZENE	ug/L	0.8 U	0.8 U	2 J	7	7
SW8260	ETHYLBENZENE	ug/L	0.8 U	0.8 U	1 J	3 J	2 J
SW8260	NAPHTHALENE	ug/L	5	7	100	130	130
SW8260	O-XYLENE	ug/L	1 J	1 J	11	20	15
SW8260	TOLUENE	ug/L	0.7 U	0.7 U	1 J	4 J	5
SW8260	XYLEMES, M & P	ug/L		1 J	0.9 J	21	34
SW8260	XYLEMES, TOTAL	ug/L		2 J	2 J	32	54
SW9040	pH	S.U.		8.6	7.8	7.9	7.8
						7.7	7.5
							9.8

TABLE 7A
SUMMARY OF POREWATER CENTRIFUGE VIBRACORE ANALYTICAL RESULTS

Location	OL-VC-20193	OL-VC-20193	OL-VC-20193	OL-VC-20194	OL-VC-20194	OL-VC-20194	OL-VC-20194
Sample Depth	4.00-6.00 Ft	6.00-8.00 Ft	8.00-9.90 Ft	0.00-2.00 Ft	2.00-4.00 Ft	4.00-6.00 Ft	6.00-8.00 Ft
Field Sample ID	OL-1051-03DP	OL-1051-04DP	OL-1051-05DP	OL-1051-06DP	OL-1051-07DP	OL-1051-08DP	OL-1051-09DP
Sample Date	10/9/2009	10/9/2009	10/9/2009	10/9/2009	10/9/2009	10/9/2009	10/9/2009
Sample Delivery Group	OLS22	OLS22	OLS22	OLS22	OLS22	OLS22	OLS22
Matrix	WATER	WATER	WATER	WATER	WATER	WATER	WATER
Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
Sample Type	Porewater	Porewater	Porewater	Porewater	Porewater	Porewater	Porewater
Method	Parameter Name	Units					
SM-5310-C	DISSOLVED ORGANIC CARBON	mg/L	58	24	13.9	13.1	13.6
SW7470	MERCURY	ug/L	0.084 J	1.5	0.056 U	0.056 U	0.056 J
SW8260	1,2,3-TRICHLOROBENZENE	ug/L	1 U	1 U	1 U	1 U	1 U
SW8260	1,2,4-TRICHLOROBENZENE	ug/L	1 U	1 U	1 U	1 U	1 U
SW8260	1,2-DICHLOROBENZENE	ug/L	1 U	1 U	1 U	1 U	1 U
SW8260	1,3,5-TRICHLOROBENZENE	ug/L	1 U	1 U	1 U	1 U	1 U
SW8260	1,3-DICHLOROBENZENE	ug/L	1 U	1 U	1 U	1 U	1 U
SW8260	1,4-DICHLOROBENZENE	ug/L	1 U	1 U	1 U	1 U	1 U
SW8260	BENZENE	ug/L	110	140	16	0.5 U	0.5 U
SW8260	CHLOROBENZENE	ug/L	0.8 U				
SW8260	ETHYLBENZENE	ug/L	0.8 J	3 J	1 J	0.8 U	0.8 U
SW8260	NAPHTHALENE	ug/L	29	110	70	3 J	1 U
SW8260	O-XYLENE	ug/L	5	15	7	0.8 U	0.8 U
SW8260	TOLUENE	ug/L	9	17	3 J	0.7 U	0.7 U
SW8260	XYLEMES, M & P	ug/L	9	32	11	0.8 U	0.8 U
SW8260	XYLEMES, TOTAL	ug/L	15	47	18	0.8 U	0.8 U
SW9040	pH	S.U.	11.6	11.4	9.9	7.3	7.3

TABLE 7A
SUMMARY OF POREWATER CENTRIFUGE VIBRACORE ANALYTICAL RESULTS

Location	OL-VC-20194	OL-VC-30134	OL-VC-30134	OL-VC-30134	OL-VC-30134	OL-VC-30134	OL-VC-30135
Sample Depth	8.00-9.40 Ft	0.00-2.00 Ft	2.00-4.00 Ft	4.00-6.00 Ft	6.00-8.00 Ft	8.00-9.50 Ft	0.00-2.00 Ft
Field Sample ID	OL-1051-10DP	OL-1050-01DP	OL-1050-02DP	OL-1050-03DP	OL-1050-04DP	OL-1050-05DP	OL-1050-06DP
Sample Date	10/9/2009	10/7/2009	10/7/2009	10/7/2009	10/7/2009	10/7/2009	10/7/2009
Sample Delivery Group	OLS22	OLS21	OLS21	OLS21	OLS21	OLS21	OLS21
Matrix	WATER	WATER	WATER	WATER	WATER	WATER	WATER
Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
Sample Type	Porewater	Porewater	Porewater	Porewater	Porewater	Porewater	Porewater
Method	Parameter Name	Units					
SM-5310-C	DISSOLVED ORGANIC CARBON	mg/L	7.9	111	275	291	222
SW7470	MERCURY	ug/L	0.056 U	0.056 U	0.071 J	0.056 U	0.056 U
SW8260	1,2,3-TRICHLOROBENZENE	ug/L	1 U	1 U	1 U	1 U	1 U
SW8260	1,2,4-TRICHLOROBENZENE	ug/L	1 U	1 U	1 U	1 U	1 U
SW8260	1,2-DICHLOROBENZENE	ug/L	1 U	1 U	1 U	1 U	1 U
SW8260	1,3,5-TRICHLOROBENZENE	ug/L	1 U	1 U	1 U	1 U	1 U
SW8260	1,3-DICHLOROBENZENE	ug/L	1 U	1 U	1 U	1 U	1 U
SW8260	1,4-DICHLOROBENZENE	ug/L	1 U	1 U	1 U	1 U	1 U
SW8260	BENZENE	ug/L	3 J	1 J	2 J	1 J	1 J
SW8260	CHLOROBENZENE	ug/L	0.8 U				
SW8260	ETHYLBENZENE	ug/L	0.8 U	0.8 U	1 J	0.8 U	0.8 U
SW8260	NAPHTHALENE	ug/L	25	1 U	2 J	1 J	6
SW8260	O-XYLENE	ug/L	3 J	0.8 U	2 J	0.8 U	0.8 U
SW8260	TOLUENE	ug/L	0.7 J	0.7 U	1 J	0.7 J	1 J
SW8260	XYLENES, M & P	ug/L	4 J	0.8 U	5	0.8 U	0.8 U
SW8260	XYLENES, TOTAL	ug/L	7	0.8 U	7	0.8 U	0.8 U
SW9040	pH	S.U.	9.5	10.9	11.8	11.9	12.2
							9.1

TABLE 7A
SUMMARY OF POREWATER CENTRIFUGE VIBRACORE ANALYTICAL RESULTS

Location	OL-VC-30135	OL-VC-30135	OL-VC-30135	OL-VC-30135	OL-VC-30136	OL-VC-30136	OL-VC-30136
Sample Depth	2.00-4.00 Ft	4.00-6.00 Ft	6.00-8.00 Ft	8.00-10.00 Ft	0.00-2.00 Ft	2.00-4.00 Ft	4.00-6.00 Ft
Field Sample ID	OL-1050-07DP	OL-1050-08DP	OL-1050-09DP	OL-1050-10DP	OL-1047-09DP	OL-1047-10DP	OL-1047-11DP
Sample Date	10/7/2009	10/7/2009	10/7/2009	10/7/2009	10/2/2009	10/2/2009	10/2/2009
Sample Delivery Group	OLS21	OLS21	OLS21	OLS21	OLS18	OLS18	OLS18
Matrix	WATER	WATER	WATER	WATER	WATER	WATER	WATER
Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
Sample Type	Porewater	Porewater	Porewater	Porewater	Porewater	Porewater	Porewater
Method	Parameter Name	Units					
SM-5310-C	DISSOLVED ORGANIC CARBON	mg/L	210	377	341	318	90.5
SW7470	MERCURY	ug/L	0.056 U	0.099 J	0.14 J	0.074 J	0.056 U
SW8260	1,2,3-TRICHLOROBENZENE	ug/L	1 U	1 U	1 U	1 U	1 U
SW8260	1,2,4-TRICHLOROBENZENE	ug/L	1 U	1 U	1 U	1 U	1 U
SW8260	1,2-DICHLOROBENZENE	ug/L	1 U	1 U	1 U	1 U	1 U
SW8260	1,3,5-TRICHLOROBENZENE	ug/L	1 U	1 U	1 U	1 U	1 U
SW8260	1,3-DICHLOROBENZENE	ug/L	1 U	1 U	1 U	1 U	1 U
SW8260	1,4-DICHLOROBENZENE	ug/L	1 U	1 U	1 U	1 U	1 U
SW8260	BENZENE	ug/L	2 J	3 J	4 J	2 J	6
SW8260	CHLOROBENZENE	ug/L	0.8 U				
SW8260	ETHYLBENZENE	ug/L	0.8 U				
SW8260	NAPHTHALENE	ug/L	1 J	6	6	1 J	1 J
SW8260	O-XYLENE	ug/L	0.8 U				
SW8260	TOLUENE	ug/L	0.7 U	2 J	2 J	0.8 J	3 J
SW8260	XYLENES, M & P	ug/L	0.8 U	0.9 J	1 J	0.8 U	0.8 U
SW8260	XYLENES, TOTAL	ug/L	0.8 U	0.9 J	1 J	0.8 U	0.8 U
SW9040	pH	S.U.	11.5	12	12.1	12.1	10.5
							11.7
							12.1

TABLE 7A
SUMMARY OF POREWATER CENTRIFUGE VIBRACORE ANALYTICAL RESULTS

Location	OL-VC-30136	OL-VC-30136	OL-VC-30137	OL-VC-30137	OL-VC-30137	OL-VC-30137	OL-VC-30137
Sample Depth	6.00-8.00 Ft	8.00-10.00 Ft	0.00-2.00 Ft	2.00-4.00 Ft	4.00-6.00 Ft	6.00-8.00 Ft	8.00-10.00 Ft
Field Sample ID	OL-1047-12DP	OL-1047-13DP	OL-1047-04DP	OL-1047-05DP	OL-1047-06DP	OL-1047-07DP	OL-1047-08DP
Sample Date	10/2/2009	10/2/2009	10/2/2009	10/2/2009	10/2/2009	10/2/2009	10/2/2009
Sample Delivery Group	OLS18	OLS18	OLS18	OLS18	OLS18	OLS18	OLS18
Matrix	WATER	WATER	WATER	WATER	WATER	WATER	WATER
Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
Sample Type	Porewater	Porewater	Porewater	Porewater	Porewater	Porewater	Porewater
Method	Parameter Name	Units					
SM-5310-C	DISSOLVED ORGANIC CARBON	mg/L	174	136	27.2	26.3	25
SW7470	MERCURY	ug/L	11.3 J	4.7 J	1.1 J	3.3 J	1.7 J
SW8260	1,2,3-TRICHLOROBENZENE	ug/L	1 U	1 U	50 U	10 U	10 U
SW8260	1,2,4-TRICHLOROBENZENE	ug/L	1 U	1 U	50 U	10 U	10 U
SW8260	1,2-DICHLOROBENZENE	ug/L	1 U	1 U	50 U	10 U	10 U
SW8260	1,3,5-TRICHLOROBENZENE	ug/L	1 U	1 U	50 U	10 U	10 U
SW8260	1,3-DICHLOROBENZENE	ug/L	1 U	1 U	50 U	10 U	10 U
SW8260	1,4-DICHLOROBENZENE	ug/L	1 U	1 U	50 U	10 U	10 U
SW8260	BENZENE	ug/L	4 J	4 J	2400	2200	2700
SW8260	CHLOROBENZENE	ug/L	0.8 U	0.8 U	40 U	8 U	8 U
SW8260	ETHYLBENZENE	ug/L	0.8 U	0.8 U	40 U	8 U	8 U
SW8260	NAPHTHALENE	ug/L	14	33	50 U	44	89
SW8260	O-XYLENE	ug/L	0.8 U	0.8 U	40 U	8 U	8 U
SW8260	TOLUENE	ug/L	1 J	2 J	480	410 J	140
SW8260	XYLENES, M & P	ug/L	0.9 J	1 J	5 J	8 U	8 U
SW8260	XYLENES, TOTAL	ug/L	0.9 J	1 J	5 J	8 U	8 U
SW9040	pH	S.U.	12.1	12.1	10.6	11.2	11.3
							11.2
							10

TABLE 7A
SUMMARY OF POREWATER CENTRIFUGE VIBRACORE ANALYTICAL RESULTS

Location	OL-VC-30138	OL-VC-30138	OL-VC-30138	OL-VC-30138	OL-VC-30138	OL-VC-30139	OL-VC-30139
Sample Depth	0.00-2.00 Ft	2.00-4.00 Ft	4.00-6.00 Ft	6.00-8.00 Ft	8.00-9.90 Ft	0.00-2.00 Ft	2.00-4.00 Ft
Field Sample ID	OL-1046-19DP	OL-1046-20DP	OL-1047-01DP	OL-1047-02DP	OL-1047-03DP	OL-1048-01DP	OL-1048-02DP
Sample Date	10/2/2009	10/2/2009	10/2/2009	10/2/2009	10/2/2009	10/5/2009	10/5/2009
Sample Delivery Group	OLS17	OLS17	OLS18	OLS18	OLS18	OLS19	OLS19
Matrix	WATER	WATER	WATER	WATER	WATER	WATER	WATER
Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
Sample Type	Porewater	Porewater	Porewater	Porewater	Porewater	Porewater	Porewater
Method	Parameter Name	Units					
SM-5310-C	DISSOLVED ORGANIC CARBON	mg/L	51.6	32.2	15.2	13.9	10.9
SW7470	MERCURY	ug/L	0.62	1.1	0.88 J	0.57 J	0.056 U
SW8260	1,2,3-TRICHLOROBENZENE	ug/L	20 U	50 U	50 U	50 U	1 U
SW8260	1,2,4-TRICHLOROBENZENE	ug/L	20 U	50 U	50 U	50 U	1 U
SW8260	1,2-DICHLOROBENZENE	ug/L	20 U	50 U	50 U	50 U	1 U
SW8260	1,3,5-TRICHLOROBENZENE	ug/L	20 U	50 U	50 U	50 U	1 U
SW8260	1,3-DICHLOROBENZENE	ug/L	20 U	50 U	50 U	50 U	1 U
SW8260	1,4-DICHLOROBENZENE	ug/L	20 U	50 U	50 U	50 U	1 U
SW8260	BENZENE	ug/L	2600	4900	5200	3200 J	4300
SW8260	CHLOROBENZENE	ug/L	2 U	8 U	8 U	8 U	0.8 U
SW8260	ETHYLBENZENE	ug/L	2 U	8 U	8 U	40 U	0.8 U
SW8260	NAPHTHALENE	ug/L	20 U	83	190	300	910
SW8260	O-XYLENE	ug/L	6 J	40 U	57	43	69
SW8260	TOLUENE	ug/L	180	520	810	600 J	750
SW8260	XYLENES, M & P	ug/L	9 J	64 J	98 J	96	230
SW8260	XYLENES, TOTAL	ug/L	16 U	67	190	83 J	300
SW9040	pH	S.U.	11.4	11.5	11.4	11.2	11

TABLE 7A
SUMMARY OF POREWATER CENTRIFUGE VIBRACORE ANALYTICAL RESULTS

Location	OL-VC-30139	OL-VC-30139	OL-VC-30139	OL-VC-40254	OL-VC-40254	OL-VC-40254	OL-VC-40254
Sample Depth	4.00-6.00 Ft	6.00-8.00 Ft	8.00-10.00 Ft	0.00-2.00 Ft	2.00-4.00 Ft	4.00-6.00 Ft	6.00-8.00 Ft
Field Sample ID	OL-1048-03DP	OL-1048-04DP	OL-1048-05DP	OL-1035-11DP	OL-1035-12DP	OL-1035-13DP	OL-1035-14DP
Sample Date	10/5/2009	10/5/2009	10/5/2009	10/1/2009	10/1/2009	10/1/2009	10/1/2009
Sample Delivery Group	OLS19	OLS19	OLS19	OLS14	OLS14	OLS14	OLS14
Matrix	WATER	WATER	WATER	WATER	WATER	WATER	WATER
Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
Sample Type	Porewater	Porewater	Porewater	Porewater	Porewater	Porewater	Porewater
Method	Parameter Name	Units					
SM-5310-C	DISSOLVED ORGANIC CARBON	mg/L	206	188	151	25.7	20.3
SW7470	MERCURY	ug/L	0.084 J	0.056 U	0.11 J	0.056 U	0.056 U
SW8260	1,2,3-TRICHLOROBENZENE	ug/L	1 U	1 U	1 U	1 U	1 U
SW8260	1,2,4-TRICHLOROBENZENE	ug/L	1 U	1 U	1 U	1 U	1 U
SW8260	1,2-DICHLOROBENZENE	ug/L	1 U	1 U	1 U	1 U	1 U
SW8260	1,3,5-TRICHLOROBENZENE	ug/L	1 U	1 U	1 U	1 U	2 J
SW8260	1,3-DICHLOROBENZENE	ug/L	1 U	1 U	1 U	1 U	1 U
SW8260	1,4-DICHLOROBENZENE	ug/L	1 U	1 U	1 U	1 U	1 U
SW8260	BENZENE	ug/L	11	10	8	2 J	1 J
SW8260	CHLOROBENZENE	ug/L	0.8 U				
SW8260	ETHYLBENZENE	ug/L	1 J	0.8 U	0.8 U	0.8 U	0.8 U
SW8260	NAPHTHALENE	ug/L	62	51	19	1 U	1 U
SW8260	O-XYLENE	ug/L	7	4 J	2 J	1 J	2 J
SW8260	TOLUENE	ug/L	8	6	3 J	8	9
SW8260	XYLEMES, M & P	ug/L	14	9	3 J	2 J	3 J
SW8260	XYLEMES, TOTAL	ug/L	21	13	5	4 J	5
SW9040	pH	S.U.	12.2	12.1	12.2	7.3	7.2
							7.3
							9.6

TABLE 7A
SUMMARY OF POREWATER CENTRIFUGE VIBRACORE ANALYTICAL RESULTS

Location	OL-VC-40254	OL-VC-40254	OL-VC-40255	OL-VC-40255	OL-VC-40255	OL-VC-40255	OL-VC-40255
Sample Depth	8.00-10.00 Ft	10.00-12.00 Ft	0.00-2.00 Ft	2.00-4.00 Ft	4.00-6.00 Ft	6.00-8.00 Ft	8.00-10.00 Ft
Field Sample ID	OL-1035-15DP	OL-1035-16DP	OL-1035-17DP	OL-1035-18DP	OL-1035-19DP	OL-1035-20DP	OL-1036-01DP
Sample Date	10/1/2009	10/1/2009	10/1/2009	10/1/2009	10/1/2009	10/1/2009	10/1/2009
Sample Delivery Group	OLS14	OLS14	OLS14	OLS14	OLS14	OLS14	OLS15
Matrix	WATER	WATER	WATER	WATER	WATER	WATER	WATER
Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
Sample Type	Porewater	Porewater	Porewater	Porewater	Porewater	Porewater	Porewater
Method	Parameter Name	Units					
SM-5310-C	DISSOLVED ORGANIC CARBON	mg/L	18.1	18.6	177	273	21.9
SW7470	MERCURY	ug/L	0.056 U				
SW8260	1,2,3-TRICHLOROBENZENE	ug/L	1 U	1 U	10 U	10 U	1 U
SW8260	1,2,4-TRICHLOROBENZENE	ug/L	1 U	1 U	10 U	10 U	1 U
SW8260	1,2-DICHLOROBENZENE	ug/L	1 U	1 U	46	46	1 U
SW8260	1,3,5-TRICHLOROBENZENE	ug/L	1 U	1 U	10 U	10 U	3 J
SW8260	1,3-DICHLOROBENZENE	ug/L	1 U	1 U	10 U	10 U	1 U
SW8260	1,4-DICHLOROBENZENE	ug/L	1 U	1 U	8	7	1 U
SW8260	BENZENE	ug/L	1 J	1 J	13	22	1 J
SW8260	CHLOROBENZENE	ug/L	0.8 U	0.8 U	23	11	0.8 U
SW8260	ETHYLBENZENE	ug/L	0.8 U	0.8 U	39	56	0.8 U
SW8260	NAPHTHALENE	ug/L	1 U	1 U	10 U	10 U	1 U
SW8260	O-XYLENE	ug/L	1 J	1 J	67	91	32
SW8260	TOLUENE	ug/L	7	8	21	23	7
SW8260	XYLEMES, M & P	ug/L	2 J	3 J	370 J	550 J	2 J
SW8260	XYLEMES, TOTAL	ug/L	4 J	4 J	440 J	660 J	120
SW9040	pH	S.U.	7.2	7.2	9.4	10	9.5
						7.6	9.5

TABLE 7A
SUMMARY OF POREWATER CENTRIFUGE VIBRACORE ANALYTICAL RESULTS

Location	OL-VC-40255	OL-VC-40256	OL-VC-40256	OL-VC-40256	OL-VC-40256	OL-VC-40256	OL-VC-40256	OL-VC-40257
Sample Depth	10.00-12.00 Ft	0.00-2.00 Ft	2.00-4.00 Ft	4.00-6.00 Ft	6.00-8.00 Ft	8.00-10.00 Ft	0.00-2.00 Ft	
Field Sample ID	OL-1036-02DP	OL-1045-12DP	OL-1045-13DP	OL-1045-14DP	OL-1045-15DP	OL-1045-16DP	OL-1048-06DP	
Sample Date	10/1/2009	10/2/2009	10/2/2009	10/2/2009	10/2/2009	10/2/2009	10/2/2009	10/5/2009
Sample Delivery Group	OLS15	OLS16	OLS16	OLS16	OLS16	OLS16	OLS16	OLS19
Matrix	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER
Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
Sample Type	Porewater	Porewater	Porewater	Porewater	Porewater	Porewater	Porewater	Porewater
Method	Parameter Name	Units						
SM-5310-C	DISSOLVED ORGANIC CARBON	mg/L	47	107	108	47.5	29.6	27.7
SW7470	MERCURY	ug/L	0.056 U					
SW8260	1,2,3-TRICHLOROBENZENE	ug/L	1 U	50 U	20 U	1 U	1 U	1 U
SW8260	1,2,4-TRICHLOROBENZENE	ug/L	1 U	50 U	20 U	1 U	1 U	1 U
SW8260	1,2-DICHLOROBENZENE	ug/L	1 U	50 U	20 U	1 J	1 U	1 U
SW8260	1,3,5-TRICHLOROBENZENE	ug/L	7	7 J	3 J	2 J	1 U	1 U
SW8260	1,3-DICHLOROBENZENE	ug/L	1 J	50 U	7 J	1 U	1 U	1 U
SW8260	1,4-DICHLOROBENZENE	ug/L	1 U	50 U	20 U	1 J	1 U	1 U
SW8260	BENZENE	ug/L	10	25 U	11 J	8	5 J	3 J
SW8260	CHLOROBENZENE	ug/L	1 J	40 U	8 J	2 J	0.8 U	0.8 U
SW8260	ETHYLBENZENE	ug/L	10	370	180	33	6	3 J
SW8260	NAPHTHALENE	ug/L	1 U	50 U	4 J	1 U	1 U	1 U
SW8260	O-XYLENE	ug/L	35	720	350	76	13	5 J
SW8260	TOLUENE	ug/L	14	43 J	27	15	11	10
SW8260	XYLEMES, M & P	ug/L	140	3600	1800 J	420	59	21
SW8260	XYLEMES, TOTAL	ug/L	180	4300	2100 J	500	73	26
SW9040	pH	S.U.	8.8	8.6	9	9.2	9.3	9.1
								7.6

TABLE 7A
SUMMARY OF POREWATER CENTRIFUGE VIBRACORE ANALYTICAL RESULTS

Location	OL-VC-40257	OL-VC-40257	OL-VC-40257	OL-VC-40257	OL-VC-40258	OL-VC-40258	OL-VC-40258
Sample Depth	2.00-4.00 Ft	4.00-6.00 Ft	6.00-8.00 Ft	8.00-9.00 Ft	0.00-2.00 Ft	2.00-4.00 Ft	4.00-6.00 Ft
Field Sample ID	OL-1048-07DP	OL-1048-08DP	OL-1048-09DP	OL-1048-10DP	OL-1034-16DP	OL-1034-17DP	OL-1034-18DP
Sample Date	10/5/2009	10/5/2009	10/5/2009	10/5/2009	10/1/2009	10/1/2009	10/1/2009
Sample Delivery Group	OLS19	OLS19	OLS19	OLS19	OLS13	OLS13	OLS13
Matrix	WATER	WATER	WATER	WATER	WATER	WATER	WATER
Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
Sample Type	Porewater	Porewater	Porewater	Porewater	Porewater	Porewater	Porewater
Method	Parameter Name	Units					
SM-5310-C	DISSOLVED ORGANIC CARBON	mg/L	29.4	37.8	40.1	46.4	35.5
SW7470	MERCURY	ug/L	0.063 J	0.13 J	0.056 U	0.056 U	0.056 U
SW8260	1,2,3-TRICHLOROBENZENE	ug/L	1 U	1 U	1 U	1 U	1 U
SW8260	1,2,4-TRICHLOROBENZENE	ug/L	1 U	1 U	1 U	1 U	1 U
SW8260	1,2-DICHLOROBENZENE	ug/L	1 U	1 U	1 U	1 U	1 U
SW8260	1,3,5-TRICHLOROBENZENE	ug/L	13	1 U	1 U	1 U	1 U
SW8260	1,3-DICHLOROBENZENE	ug/L	5 J	1 U	1 U	1 U	10
SW8260	1,4-DICHLOROBENZENE	ug/L	1 U	1 U	1 U	1 U	6
SW8260	BENZENE	ug/L	0.8 J	0.5 J	0.5 U	0.5 U	5 J
SW8260	CHLOROBENZENE	ug/L	4 J	0.8 U	0.8 U	0.8 U	41
SW8260	ETHYLBENZENE	ug/L	2 J	0.8 U	0.8 U	0.8 U	1 J
SW8260	NAPHTHALENE	ug/L	2 J	1 U	1 U	1 U	1 U
SW8260	O-XYLENE	ug/L	7	0.8 U	0.8 U	0.8 U	4 J
SW8260	TOLUENE	ug/L	0.7 U	0.7 U	0.7 U	0.7 U	1 J
SW8260	XYLEMES, M & P	ug/L	34	2 J	0.8 U	0.8 U	21
SW8260	XYLEMES, TOTAL	ug/L	41	2 J	0.8 U	0.8 U	26
SW9040	pH	S.U.	8.4	8.4	8	8.1	8.2

TABLE 7A
SUMMARY OF POREWATER CENTRIFUGE VIBRACORE ANALYTICAL RESULTS

Location	OL-VC-40258	OL-VC-40258	OL-VC-40259	OL-VC-40259	OL-VC-40259	OL-VC-40259	OL-VC-40259
Sample Depth	6.00-8.00 Ft	8.00-9.80 Ft	0.00-2.00 Ft	2.00-4.00 Ft	4.00-6.00 Ft	6.00-8.00 Ft	8.00-10.00 Ft
Field Sample ID	OL-1034-19DP	OL-1034-20DP	OL-1045-17DP	OL-1045-18DP	OL-1045-19DP	OL-1045-20DP	OL-1046-01DP
Sample Date	10/1/2009	10/1/2009	10/2/2009	10/2/2009	10/2/2009	10/2/2009	10/2/2009
Sample Delivery Group	OLS13	OLS13	OLS16	OLS16	OLS16	OLS16	OLS17
Matrix	WATER	WATER	WATER	WATER	WATER	WATER	WATER
Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
Sample Type	Porewater	Porewater	Porewater	Porewater	Porewater	Porewater	Porewater
Method	Parameter Name	Units					
SM-5310-C	DISSOLVED ORGANIC CARBON	mg/L	15.3	36.4	288	335	239
SW7470	MERCURY	ug/L	0.064 J	0.078 J	0.056 U	0.056 U	0.45
SW8260	1,2,3-TRICHLOROBENZENE	ug/L	1 U	1 U	50 U	10 U	1 U
SW8260	1,2,4-TRICHLOROBENZENE	ug/L	1 U	1 U	50 U	10 U	1 U
SW8260	1,2-DICHLOROBENZENE	ug/L	1 U	1 U	50 U	2 J	1 J
SW8260	1,3,5-TRICHLOROBENZENE	ug/L	1 U	1 U	50 U	6	1 U
SW8260	1,3-DICHLOROBENZENE	ug/L	3 J	2 J	7 J	4 J	1 U
SW8260	1,4-DICHLOROBENZENE	ug/L	1 U	1 U	6 J	10 U	1 U
SW8260	BENZENE	ug/L	3 J	1 J	25 U	22	25
SW8260	CHLOROBENZENE	ug/L	3 J	1 J	7 J	8 U	0.8 J
SW8260	ETHYLBENZENE	ug/L	0.8 U	0.8 U	290	96	47
SW8260	NAPHTHALENE	ug/L	1 U	1 U	50 U	10 U	1 J
SW8260	O-XYLENE	ug/L	2 J	1 J	540	200	150
SW8260	TOLUENE	ug/L	1 J	0.9 J	35 U	22	18
SW8260	XYLENES, M & P	ug/L	11	5	3300	620 J	520
SW8260	XYLENES, TOTAL	ug/L	13	6	3900	810 J	670
SW9040	pH	S.U.	8.1	8.1	9.8	9.6	10

TABLE 7A
SUMMARY OF POREWATER CENTRIFUGE VIBRACORE ANALYTICAL RESULTS

Location	OL-VC-40259	OL-VC-40260	OL-VC-40260	OL-VC-40260	OL-VC-40260	OL-VC-40260	OL-VC-40260
Sample Depth	10.00-12.00 Ft	0.00-2.00 Ft	2.00-4.00 Ft	4.00-6.00 Ft	6.00-8.00 Ft	8.00-10.00 Ft	10.00-11.10 Ft
Field Sample ID	OL-1046-02DP	OL-1046-03DP	OL-1046-04DP	OL-1046-05DP	OL-1046-06DP	OL-1046-07DP	OL-1046-08DP
Sample Date	10/2/2009	10/2/2009	10/2/2009	10/2/2009	10/2/2009	10/2/2009	10/2/2009
Sample Delivery Group	OLS17	OLS17	OLS17	OLS17	OLS17	OLS17	OLS17
Matrix	WATER	WATER	WATER	WATER	WATER	WATER	WATER
Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
Sample Type	Porewater	Porewater	Porewater	Porewater	Porewater	Porewater	Porewater
Method	Parameter Name	Units					
SM-5310-C	DISSOLVED ORGANIC CARBON	mg/L	27.1	41.1	63.7	99.1	87.1
SW7470	MERCURY	ug/L	0.056 U	0.28	0.29	0.082 J	0.16 J
SW8260	1,2,3-TRICHLOROBENZENE	ug/L	1 U	1 U	1 U	1 U	1 U
SW8260	1,2,4-TRICHLOROBENZENE	ug/L	1 U	1 U	1 U	1 U	1 U
SW8260	1,2-DICHLOROBENZENE	ug/L	1 U	2 J	1 U	1 U	1 U
SW8260	1,3,5-TRICHLOROBENZENE	ug/L	4 J	1 U	3 J	4 J	1 U
SW8260	1,3-DICHLOROBENZENE	ug/L	7	1 U	1 J	1 U	1 U
SW8260	1,4-DICHLOROBENZENE	ug/L	1 U	1 U	1 U	1 U	1 U
SW8260	BENZENE	ug/L	6	5	6	3 J	3 J
SW8260	CHLOROBENZENE	ug/L	0.8 J	3 J	0.8 U	0.8 U	0.8 U
SW8260	ETHYLBENZENE	ug/L	3 J	14	4 J	5	3 J
SW8260	NAPHTHALENE	ug/L	1 U	1 U	1 U	1 U	1 U
SW8260	O-XYLENE	ug/L	8	28	18	33	23
SW8260	TOLUENE	ug/L	13	11	9	6	7
SW8260	XYLEMES, M & P	ug/L	27	130	51	56	41
SW8260	XYLEMES, TOTAL	ug/L	35	160	69	88	64
SW9040	pH	S.U.	8.5	8.8	8.8	9.5	9.7

TABLE 7A
SUMMARY OF POREWATER CENTRIFUGE VIBRACORE ANALYTICAL RESULTS

Location	OL-VC-40261	OL-VC-40261	OL-VC-40261	OL-VC-40261	OL-VC-40261	OL-VC-40262	OL-VC-40262
Sample Depth	0.00-2.00 Ft	2.00-4.00 Ft	4.00-6.00 Ft	6.00-8.00 Ft	8.00-9.30 Ft	0.00-2.00 Ft	2.00-4.00 Ft
Field Sample ID	OL-1035-01DP	OL-1035-02DP	OL-1035-03DP	OL-1035-04DP	OL-1035-05DP	OL-1035-06DP	OL-1035-07DP
Sample Date	10/1/2009	10/1/2009	10/1/2009	10/1/2009	10/1/2009	10/1/2009	10/1/2009
Sample Delivery Group	OLS14	OLS14	OLS14	OLS14	OLS14	OLS14	OLS14
Matrix	WATER	WATER	WATER	WATER	WATER	WATER	WATER
Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
Sample Type	Porewater	Porewater	Porewater	Porewater	Porewater	Porewater	Porewater
Method	Parameter Name	Units					
SM-5310-C	DISSOLVED ORGANIC CARBON	mg/L	43.4	45.3	49.3	60.5	58.7
SW7470	MERCURY	ug/L	0.058 J	0.056 U	0.056 U	0.056 U	0.056 U
SW8260	1,2,3-TRICHLOROBENZENE	ug/L	1 U	1 U	1 U	1 U	1 U
SW8260	1,2,4-TRICHLOROBENZENE	ug/L	1 U	1 U	1 U	1 U	1 U
SW8260	1,2-DICHLOROBENZENE	ug/L	2 J	1 U	1 U	1 U	1 U
SW8260	1,3,5-TRICHLOROBENZENE	ug/L	1 U	1 J	1 U	1 U	1 U
SW8260	1,3-DICHLOROBENZENE	ug/L	5 J	7	2 J	1 U	1 J
SW8260	1,4-DICHLOROBENZENE	ug/L	2 J	1 U	1 U	1 U	1 U
SW8260	BENZENE	ug/L	6	6	11	11	7
SW8260	CHLOROBENZENE	ug/L	14	7	5 J	1 J	0.8 U
SW8260	ETHYLBENZENE	ug/L	4 J	4 J	6	5 J	3 J
SW8260	NAPHTHALENE	ug/L	1 U	1 U	1 U	1 U	1 U
SW8260	O-XYLENE	ug/L	23	20	28	23	16
SW8260	TOLUENE	ug/L	3 J	2 J	3 J	4 J	3 J
SW8260	XYLEMES, M & P	ug/L	80	75	120	92	52
SW8260	XYLEMES, TOTAL	ug/L	100	95	140	110	68
SW9040	pH	S.U.	7.9	8	8	8.8	8.7

TABLE 7A
SUMMARY OF POREWATER CENTRIFUGE VIBRACORE ANALYTICAL RESULTS

Location	OL-VC-40262	OL-VC-40262	OL-VC-40262	OL-VC-40263	OL-VC-40263	OL-VC-40263	OL-VC-40263
Sample Depth	4.00-6.00 Ft	6.00-8.00 Ft	8.00-10.00 Ft	0.00-2.00 Ft	2.00-4.00 Ft	4.00-6.00 Ft	6.00-8.00 Ft
Field Sample ID	OL-1035-08DP	OL-1035-09DP	OL-1035-10DP	OL-1034-11DP	OL-1034-12DP	OL-1034-13DP	OL-1034-14DP
Sample Date	10/1/2009	10/1/2009	10/1/2009	10/1/2009	10/1/2009	10/1/2009	10/1/2009
Sample Delivery Group	OLS14	OLS14	OLS14	OLS13	OLS13	OLS13	OLS13
Matrix	WATER	WATER	WATER	WATER	WATER	WATER	WATER
Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
Sample Type	Porewater	Porewater	Porewater	Porewater	Porewater	Porewater	Porewater
Method	Parameter Name	Units					
SM-5310-C	DISSOLVED ORGANIC CARBON	mg/L	173	57.7	41.8	17.3	203
SW7470	MERCURY	ug/L	0.056 U	0.056 U	0.056 U	0.09 J	0.066 J
SW8260	1,2,3-TRICHLOROBENZENE	ug/L	1 U	1 U	1 U	20 U	10 U
SW8260	1,2,4-TRICHLOROBENZENE	ug/L	1 U	1 U	1 U	20 U	10 U
SW8260	1,2-DICHLOROBENZENE	ug/L	1 U	1 U	1 U	3 J	2 J
SW8260	1,3,5-TRICHLOROBENZENE	ug/L	1 U	1 U	1 U	20 U	10 U
SW8260	1,3-DICHLOROBENZENE	ug/L	1 U	1 U	2 J	1 U	20 U
SW8260	1,4-DICHLOROBENZENE	ug/L	1 U	1 U	1 U	3 J	2 J
SW8260	BENZENE	ug/L	15	12	6	1 J	14
SW8260	CHLOROBENZENE	ug/L	0.8 U	1 J	2 J	0.8 U	6 J
SW8260	ETHYLBENZENE	ug/L	3 J	1 J	0.8 U	4 J	95 J
SW8260	NAPHTHALENE	ug/L	1 U	1 U	1 U	20 U	10 U
SW8260	O-XYLENE	ug/L	6	3 J	1 J	12	270
SW8260	TOLUENE	ug/L	4 J	3 J	1 J	0.7 U	8 J
SW8260	XYLENES, M & P	ug/L	25	11	3 J	61	1800 J
SW8260	XYLENES, TOTAL	ug/L	31	14	4 J	73	2100 J
SW9040	pH	S.U.	9.6	8.6	8	7.4	9.5
							10.1
							9.5

TABLE 7A
SUMMARY OF POREWATER CENTRIFUGE VIBRACORE ANALYTICAL RESULTS

Location	OL-VC-40263	OL-VC-40264	OL-VC-40264	OL-VC-40264	OL-VC-40264	OL-VC-40264	OL-VC-40265
Sample Depth	8.00-10.00 Ft	0.00-2.00 Ft	2.00-4.00 Ft	4.00-6.00 Ft	6.00-8.00 Ft	8.00-10.00 Ft	0.00-2.00 Ft
Field Sample ID	OL-1034-15DP	OL-1046-09DP	OL-1046-10DP	OL-1046-11DP	OL-1046-12DP	OL-1046-13DP	OL-1046-14DP
Sample Date	10/1/2009	10/2/2009	10/2/2009	10/2/2009	10/2/2009	10/2/2009	10/2/2009
Sample Delivery Group	OLS13	OLS17	OLS17	OLS17	OLS17	OLS17	OLS17
Matrix	WATER	WATER	WATER	WATER	WATER	WATER	WATER
Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
Sample Type	Porewater	Porewater	Porewater	Porewater	Porewater	Porewater	Porewater
Method	Parameter Name	Units					
SM-5310-C	DISSOLVED ORGANIC CARBON	mg/L	32.5	29.3	73.1	34.8	28.2
SW7470	MERCURY	ug/L	0.056 U	0.079 J	0.094 J	0.091 J	0.19 J
SW8260	1,2,3-TRICHLOROBENZENE	ug/L	2 U	1 U	1 U	1 U	1 U
SW8260	1,2,4-TRICHLOROBENZENE	ug/L	2 U	1 U	1 U	1 U	1 U
SW8260	1,2-DICHLOROBENZENE	ug/L	2 U	1 U	1 U	1 U	1 U
SW8260	1,3,5-TRICHLOROBENZENE	ug/L	2 U	1 U	1 U	1 J	5 J
SW8260	1,3-DICHLOROBENZENE	ug/L	4 J	1 U	1 U	1 J	1 U
SW8260	1,4-DICHLOROBENZENE	ug/L	2 U	1 U	1 U	1 U	1 U
SW8260	BENZENE	ug/L	25	2 J	5 J	6	7
SW8260	CHLOROBENZENE	ug/L	15	2 J	2 J	2 J	0.8 U
SW8260	ETHYLBENZENE	ug/L	19	0.8 U	2 J	0.9 J	0.8 U
SW8260	NAPHTHALENE	ug/L	2 U	1 U	1 U	1 U	1 U
SW8260	O-XYLENE	ug/L	72	0.8 U	3 J	3 J	3 J
SW8260	TOLUENE	ug/L	5 J	0.7 U	2 J	2 J	1 J
SW8260	XYLEMES, M & P	ug/L	350	3 J	13	13	7
SW8260	XYLEMES, TOTAL	ug/L	420	3 J	16	16	10
SW9040	pH	S.U.	8.5	8.3	9.3	9.2	8.6
							8.1
							9.5

TABLE 7A
SUMMARY OF POREWATER CENTRIFUGE VIBRACORE ANALYTICAL RESULTS

Location	OL-VC-40265	OL-VC-40265	OL-VC-40265	OL-VC-40265	OL-VC-40266	OL-VC-40266	OL-VC-40266
Sample Depth	2.00-4.00 Ft	4.00-6.00 Ft	6.00-8.00 Ft	8.00-10.00 Ft	0.00-2.00 Ft	2.00-4.00 Ft	4.00-6.00 Ft
Field Sample ID	OL-1046-15DP	OL-1046-16DP	OL-1046-17DP	OL-1046-18DP	OL-1034-06DP	OL-1034-07DP	OL-1034-08DP
Sample Date	10/2/2009	10/2/2009	10/2/2009	10/2/2009	10/1/2009	10/1/2009	10/1/2009
Sample Delivery Group	OLS17	OLS17	OLS17	OLS17	OLS13	OLS13	OLS13
Matrix	WATER	WATER	WATER	WATER	WATER	WATER	WATER
Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
Sample Type	Porewater	Porewater	Porewater	Porewater	Porewater	Porewater	Porewater
Method	Parameter Name	Units					
SM-5310-C	DISSOLVED ORGANIC CARBON	mg/L	69.1	42.8	44.2	32.1	18.9
SW7470	MERCURY	ug/L	0.069 J	0.32	0.056 U	0.1 J	0.056 U
SW8260	1,2,3-TRICHLOROBENZENE	ug/L	1 U	1 U	1 U	1 U	1 U
SW8260	1,2,4-TRICHLOROBENZENE	ug/L	1 U	1 U	1 U	1 U	1 U
SW8260	1,2-DICHLOROBENZENE	ug/L	1 U	1 U	1 U	1 U	1 U
SW8260	1,3,5-TRICHLOROBENZENE	ug/L	1 U	1 U	2 J	1 U	1 U
SW8260	1,3-DICHLOROBENZENE	ug/L	2 J	2 J	1 U	2 J	1 U
SW8260	1,4-DICHLOROBENZENE	ug/L	1 U	1 U	1 U	1 U	1 U
SW8260	BENZENE	ug/L	9	10	11	7	0.7 J
SW8260	CHLOROBENZENE	ug/L	3 J	2 J	0.8 U	2 J	0.8 U
SW8260	ETHYLBENZENE	ug/L	2 J	0.8 U	0.8 U	0.8 U	0.8 U
SW8260	NAPHTHALENE	ug/L	1 U	1 U	1 U	1 U	1 U
SW8260	O-XYLENE	ug/L	4 J	2 J	2 J	4 J	0.8 U
SW8260	TOLUENE	ug/L	3 J	2 J	2 J	1 J	0.7 U
SW8260	XYLENES, M & P	ug/L	19	8	4 J	10	0.8 U
SW8260	XYLENES, TOTAL	ug/L	23	10	7	15	0.8 U
SW9040	pH	S.U.	9.1	8.6	8.6	8.1	8.7

TABLE 7A
SUMMARY OF POREWATER CENTRIFUGE VIBRACORE ANALYTICAL RESULTS

Location	OL-VC-40266	OL-VC-40266	OL-VC-40267	OL-VC-40267	OL-VC-40267	OL-VC-40267	OL-VC-40267
Sample Depth	6.00-8.00 Ft	8.00-10.00 Ft	0.00-2.00 Ft	2.00-4.00 Ft	4.00-6.00 Ft	6.00-8.00 Ft	8.00-9.80 Ft
Field Sample ID	OL-1034-09DP	OL-1034-10DP	OL-1034-01DP	OL-1034-02DP	OL-1034-03DP	OL-1034-04DP	OL-1034-05DP
Sample Date	10/1/2009	10/1/2009	10/1/2009	10/1/2009	10/1/2009	10/1/2009	10/1/2009
Sample Delivery Group	OLS13	OLS13	OLS13	OLS13	OLS13	OLS13	OLS13
Matrix	WATER	WATER	WATER	WATER	WATER	WATER	WATER
Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
Sample Type	Porewater	Porewater	Porewater	Porewater	Porewater	Porewater	Porewater
Method	Parameter Name	Units					
SM-5310-C	DISSOLVED ORGANIC CARBON	mg/L	40.7	61.5	20.8	42.2	62.9
SW7470	MERCURY	ug/L	0.056 U	0.056 U	0.056 U	0.056 U	0.078 J
SW8260	1,2,3-TRICHLOROBENZENE	ug/L	1 U	1 U	1 U	1 U	1 U
SW8260	1,2,4-TRICHLOROBENZENE	ug/L	1 U	1 U	1 U	1 U	1 U
SW8260	1,2-DICHLOROBENZENE	ug/L	1 U	1 U	1 U	1 U	1 U
SW8260	1,3,5-TRICHLOROBENZENE	ug/L	1 U	1 U	1 U	1 U	1 U
SW8260	1,3-DICHLOROBENZENE	ug/L	2 J	2 J	1 U	1 U	1 U
SW8260	1,4-DICHLOROBENZENE	ug/L	1 U	1 U	1 U	1 U	1 U
SW8260	BENZENE	ug/L	10	13	0.5 U	0.5 U	0.9 J
SW8260	CHLOROBENZENE	ug/L	5 J	4 J	2 J	1 J	2 J
SW8260	ETHYLBENZENE	ug/L	6	6	0.8 U	0.8 U	0.8 U
SW8260	NAPHTHALENE	ug/L	1 U	1 U	1 U	1 U	1 U
SW8260	O-XYLENE	ug/L	21	21	0.8 U	0.8 U	0.8 U
SW8260	TOLUENE	ug/L	2 J	3 J	0.7 U	0.7 U	0.7 U
SW8260	XYLENES, M & P	ug/L	100	110	0.8 U	0.8 U	0.8 U
SW8260	XYLENES, TOTAL	ug/L	130	140	0.8 U	0.8 U	0.8 U
SW9040	pH	S.U.	8.7	8.5	7.6	7.4	7.8
							7.6

TABLE 7A
SUMMARY OF POREWATER CENTRIFUGE VIBRACORE ANALYTICAL RESULTS

Location	OL-VC-40268	OL-VC-40268	OL-VC-40268	OL-VC-40268	OL-VC-40268	OL-VC-40268	OL-VC-40268	OL-VC-60262
Sample Depth	0.00-2.00 Ft	2.00-4.00 Ft	4.00-6.00 Ft	6.00-8.00 Ft	8.00-10.00 Ft	10.00-11.80 Ft	0.00-2.00 Ft	
Field Sample ID	OL-1045-06DP	OL-1045-07DP	OL-1045-08DP	OL-1045-09DP	OL-1045-10DP	OL-1045-11DP	OL-1049-11DP	
Sample Date	10/2/2009	10/2/2009	10/2/2009	10/2/2009	10/2/2009	10/2/2009	10/2/2009	10/5/2009
Sample Delivery Group	OLS16	OLS16	OLS16	OLS16	OLS16	OLS16	OLS16	OLS20
Matrix	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER
Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
Sample Type	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water
Method	Parameter Name	Units						
SM-5310-C	DISSOLVED ORGANIC CARBON	mg/L	67.1	41.5	35.2	26.3	30.6	30.1
SW7470	MERCURY	ug/L	0.056 U					
SW8260	1,2,3-TRICHLOROBENZENE	ug/L	1 U	1 U	1 U	1 U	1 U	1 U
SW8260	1,2,4-TRICHLOROBENZENE	ug/L	1 U	1 U	1 U	1 U	1 U	1 U
SW8260	1,2-DICHLOROBENZENE	ug/L	1 U	1 U	1 U	1 U	1 U	1 U
SW8260	1,3,5-TRICHLOROBENZENE	ug/L	1 J	1 U	1 U	1 U	1 U	1 U
SW8260	1,3-DICHLOROBENZENE	ug/L	1 U	1 U	1 U	1 U	1 U	1 U
SW8260	1,4-DICHLOROBENZENE	ug/L	1 U	1 U	1 U	1 U	1 U	2 J
SW8260	BENZENE	ug/L	5 J	3 J	3 J	4 J	4 J	4 J
SW8260	CHLOROBENZENE	ug/L	0.8 U	8				
SW8260	ETHYLBENZENE	ug/L	3 J	1 J	0.9 J	0.9 J	1 J	0.9 J
SW8260	NAPHTHALENE	ug/L	1 U	1 U	1 U	1 U	1 U	1 U
SW8260	O-XYLENE	ug/L	7	2 J	2 J	2 J	2 J	0.8 U
SW8260	TOLUENE	ug/L	10	9	9	9	9	0.7 U
SW8260	XYLEMES, M & P	ug/L	25	5	4 J	4 J	4 J	0.8 U
SW8260	XYLEMES, TOTAL	ug/L	32	7	6	5	5	0.8 U
SW9040	pH	S.U.	9.5	9.7	9.3	9.2	9.6	9.8
								7.3

TABLE 7A
SUMMARY OF POREWATER CENTRIFUGE VIBRACORE ANALYTICAL RESULTS

Location	OL-VC-60262	OL-VC-60262	OL-VC-60262	OL-VC-60262	OL-VC-60263	OL-VC-60263	OL-VC-60263
Sample Depth	2.00-4.00 Ft	4.00-6.00 Ft	6.00-8.00 Ft	8.00-9.90 Ft	0.00-2.00 Ft	2.00-4.00 Ft	4.00-6.00 Ft
Field Sample ID	OL-1049-12DP	OL-1049-13DP	OL-1049-14DP	OL-1049-15DP	OL-1049-06DP	OL-1049-07DP	OL-1049-08DP
Sample Date	10/5/2009	10/5/2009	10/5/2009	10/5/2009	10/5/2009	10/5/2009	10/5/2009
Sample Delivery Group	OLS20	OLS20	OLS20	OLS20	OLS20	OLS20	OLS20
Matrix	WATER	WATER	WATER	WATER	WATER	WATER	WATER
Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
Sample Type	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water
Method	Parameter Name	Units					
SM-5310-C	DISSOLVED ORGANIC CARBON	mg/L	138	113	96	100	74.5
SW7470	MERCURY	ug/L	0.15 J	0.056 U	0.056 U	0.056 U	0.35
SW8260	1,2,3-TRICHLOROBENZENE	ug/L	10 U	10 U	10 U	10 U	1 U
SW8260	1,2,4-TRICHLOROBENZENE	ug/L	10 U	10 U	10 U	10 U	1 U
SW8260	1,2-DICHLOROBENZENE	ug/L	10 U	11 J	10 U	10 U	1 U
SW8260	1,3,5-TRICHLOROBENZENE	ug/L	10 U	10 U	10 U	10 U	2 J
SW8260	1,3-DICHLOROBENZENE	ug/L	10 U	10 U	10 U	10 U	4 J
SW8260	1,4-DICHLOROBENZENE	ug/L	18 J	24 J	10 U	10 U	10
SW8260	BENZENE	ug/L	30 J	15 J	6 J	7 J	30
SW8260	CHLOROBENZENE	ug/L	98	24 J	8 U	8 U	63
SW8260	ETHYLBENZENE	ug/L	8 U	8 U	8 U	12 J	2 J
SW8260	NAPHTHALENE	ug/L	10 U	10 U	10 U	900	2 J
SW8260	O-XYLENE	ug/L	8 U	10 J	8 J	17 J	0.8 U
SW8260	TOLUENE	ug/L	7 U	7 U	7 U	7 U	7
SW8260	XYLEMES, M & P	ug/L	8 U	13 J	8 U	31 J	1 J
SW8260	XYLEMES, TOTAL	ug/L	8 U	23 J	8 J	49 J	1 J
SW9040	pH	S.U.	7.3	7.2	7.5	7.2	7.4
							7.6
							7.7

TABLE 7A
SUMMARY OF POREWATER CENTRIFUGE VIBRACORE ANALYTICAL RESULTS

	Location	OL-VC-60263	OL-VC-60263	OL-VC-70140	OL-VC-70140	OL-VC-70140	OL-VC-70140	OL-VC-70140								
	Sample Depth	6.00-8.00 Ft	8.00-9.90 Ft	0.00-2.00 Ft	2.00-4.00 Ft	4.00-6.00 Ft	6.00-8.00 Ft	8.00-10.00 Ft								
	Field Sample ID	OL-1049-09DP	OL-1049-10DP	OL-1032-01DP	OL-1032-02DP	OL-1032-03DP	OL-1032-04DP	OL-1032-05DP								
	Sample Date	10/5/2009	10/5/2009	9/29/2009	9/29/2009	9/29/2009	9/29/2009	9/29/2009								
	Sample Delivery Group	OLS20	OLS20	OLS12	OLS12	OLS12	OLS12	OLS12								
	Matrix	WATER														
	Sample Purpose	Regular sample														
	Sample Type	Pore water														
Method	Parameter Name	Units														
SM-5310-C	DISSOLVED ORGANIC CARBON	mg/L	177	143	18.4	16.5	19.5	26.8	25.2							
SW7470	MERCURY	ug/L	0.58	0.056	U	0.12	J	0.14	J	0.1	J	0.12	J	0.12	J	
SW8260	1,2,3-TRICHLOROBENZENE	ug/L	100	U	10	U	1	U	1	U	1	U	1	U	1	U
SW8260	1,2,4-TRICHLOROBENZENE	ug/L	100	U	10	U	1	U	1	U	1	U	1	U	1	U
SW8260	1,2-DICHLOROBENZENE	ug/L	67		10	U	1	U	1	U	1	U	1	U	1	U
SW8260	1,3,5-TRICHLOROBENZENE	ug/L	100	U	10	U	1	J	1	U	1	U	1	U	1	U
SW8260	1,3-DICHLOROBENZENE	ug/L	19	J	10	U	7		1	U	1	U	1	U	1	U
SW8260	1,4-DICHLOROBENZENE	ug/L	280		10	U	21		3	J	1	U	1	U	1	U
SW8260	BENZENE	ug/L	50	U	18	J	51		6		0.7	J	0.5	U	0.5	U
SW8260	CHLOROBENZENE	ug/L	80	U	8	U	290		19		1	J	0.8	U	1	J
SW8260	ETHYLBENZENE	ug/L	95	J	40	J	10		1	J	0.8	U	0.8	U	0.8	U
SW8260	NAPHTHALENE	ug/L	5200		810		170		26		1	U	1	U	1	U
SW8260	O-XYLENE	ug/L	550		110		31		3	J	0.8	U	0.8	U	0.8	U
SW8260	TOLUENE	ug/L	70	U	7	U	7		0.7	U	0.7	U	0.7	U	0.7	U
SW8260	XYLENES, M & P	ug/L	420	J	50	J	44		4	J	0.8	U	0.8	U	0.8	U
SW8260	XYLENES, TOTAL	ug/L	630		160		75		7		0.8	U	0.8	U	0.8	U
SW9040	pH	S.U.		7.6		7.1		6.9		7.2		6.8		6.8		6.8

TABLE 7A
SUMMARY OF POREWATER CENTRIFUGE VIBRACORE ANALYTICAL RESULTS

Location	OL-VC-70141	OL-VC-70141	OL-VC-70141	OL-VC-70141	OL-VC-70141	OL-VC-70142	OL-VC-70142
Sample Depth	0.00-2.00 Ft	2.00-4.00 Ft	4.00-6.00 Ft	6.00-8.00 Ft	8.00-10.00 Ft	0.00-2.00 Ft	2.00-4.00 Ft
Field Sample ID	OL-1032-06DP	OL-1032-07DP	OL-1032-08DP	OL-1032-09DP	OL-1032-10DP	OL-1032-11DP	OL-1032-12DP
Sample Date	9/29/2009	9/29/2009	9/29/2009	9/29/2009	9/29/2009	9/29/2009	9/29/2009
Sample Delivery Group	OLS12	OLS12	OLS12	OLS12	OLS12	OLS12	OLS12
Matrix	WATER	WATER	WATER	WATER	WATER	WATER	WATER
Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
Sample Type	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water
Method	Parameter Name	Units					
SM-5310-C	DISSOLVED ORGANIC CARBON	mg/L	60.8	89.6	49.4	37	30.8
SW7470	MERCURY	ug/L	0.13 J	0.18 J	0.12 J	0.12 J	0.12 J
SW8260	1,2,3-TRICHLOROBENZENE	ug/L	5 U	10 U	1 U	1 U	1 U
SW8260	1,2,4-TRICHLOROBENZENE	ug/L	5 U	5 J	1 J	2 J	1 U
SW8260	1,2-DICHLOROBENZENE	ug/L	5 U	83	6	9	3 J
SW8260	1,3,5-TRICHLOROBENZENE	ug/L	5 U	7	1 U	1 U	1 U
SW8260	1,3-DICHLOROBENZENE	ug/L	7	84	4 J	4 J	1 J
SW8260	1,4-DICHLOROBENZENE	ug/L	19	670 J	41	39	12
SW8260	BENZENE	ug/L	230	150	27	13	4 J
SW8260	CHLOROBENZENE	ug/L	530 J	530	53	35	19
SW8260	ETHYLBENZENE	ug/L	4 U	31 J	2 J	3 J	1 J
SW8260	NAPHTHALENE	ug/L	31	94	21	38	16
SW8260	O-XYLENE	ug/L	22	86	9	10	3 J
SW8260	TOLUENE	ug/L	12	38 J	4 J	4 J	1 J
SW8260	XYLEMES, M & P	ug/L	32	240	15	19	6
SW8260	XYLEMES, TOTAL	ug/L	53	320	24	29	10
SW9040	pH	S.U.	7.5	7.5	7.3	7	7.2

TABLE 7A
SUMMARY OF POREWATER CENTRIFUGE VIBRACORE ANALYTICAL RESULTS

Location	OL-VC-70142	OL-VC-70142	OL-VC-70142	OL-VC-70143	OL-VC-70143	OL-VC-70143	OL-VC-70143
Sample Depth	4.00-6.00 Ft	6.00-8.00 Ft	8.00-10.00 Ft	0.00-2.00 Ft	2.00-4.00 Ft	4.00-6.00 Ft	6.00-8.00 Ft
Field Sample ID	OL-1032-13DP	OL-1032-14DP	OL-1032-15DP	OL-1045-01DP	OL-1045-02DP	OL-1045-03DP	OL-1045-04DP
Sample Date	9/29/2009	9/29/2009	9/29/2009	10/2/2009	10/2/2009	10/2/2009	10/2/2009
Sample Delivery Group	OLS12	OLS12	OLS12	OLS16	OLS16	OLS16	OLS16
Matrix	WATER	WATER	WATER	WATER	WATER	WATER	WATER
Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
Sample Type	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water
Method	Parameter Name	Units					
SM-5310-C	DISSOLVED ORGANIC CARBON	mg/L	22.5	28	27.6	47.8	119
SW7470	MERCURY	ug/L	0.12 J	0.11 J	0.11 J	0.056 U	0.056 U
SW8260	1,2,3-TRICHLOROBENZENE	ug/L	1 U	1 U	1 U	1 U	20 U
SW8260	1,2,4-TRICHLOROBENZENE	ug/L	1 U	1 U	1 U	1 U	43 J
SW8260	1,2-DICHLOROBENZENE	ug/L	1 U	1 U	1 U	1 U	140
SW8260	1,3,5-TRICHLOROBENZENE	ug/L	1 U	1 U	1 U	1 U	20 U
SW8260	1,3-DICHLOROBENZENE	ug/L	1 U	1 U	1 U	1 J	42 J
SW8260	1,4-DICHLOROBENZENE	ug/L	1 U	1 U	1 U	7	490
SW8260	BENZENE	ug/L	0.5 U	0.5 U	0.5 U	6	53 J
SW8260	CHLOROBENZENE	ug/L	0.8 U	0.8 U	0.8 U	38	160
SW8260	ETHYLBENZENE	ug/L	0.8 U	0.8 U	0.8 U	0.8 U	24 J
SW8260	NAPHTHALENE	ug/L	1 U	1 U	1 U	1 U	120
SW8260	O-XYLENE	ug/L	0.8 U	0.8 U	0.8 U	1 J	66 J
SW8260	TOLUENE	ug/L	0.7 U	0.7 U	0.7 U	0.7 U	15 J
SW8260	XYLEMES, M & P	ug/L	0.8 U	0.8 U	0.8 U	1 J	170
SW8260	XYLEMES, TOTAL	ug/L	0.8 U	0.8 U	0.8 U	3 J	230
SW9040	pH	S.U.	7.2	6.8	6.7	7.3	7.5

TABLE 7A
SUMMARY OF POREWATER CENTRIFUGE VIBRACORE ANALYTICAL RESULTS

Location	OL-VC-70143	
Sample Depth	8.00-9.70 Ft	
Field Sample ID	OL-1045-05DP	
Sample Date	10/2/2009	
Sample Delivery Group	OLS16	
Matrix	WATER	
Sample Purpose	Regular sample	
Sample Type	Pore water	
Method	Parameter Name	Units
SM-5310-C	DISSOLVED ORGANIC CARBON	mg/L
		73.2
SW7470	MERCURY	ug/L
		0.056 U
SW8260	1,2,3-TRICHLOROBENZENE	ug/L
		20 U
SW8260	1,2,4-TRICHLOROBENZENE	ug/L
		20 U
SW8260	1,2-DICHLOROBENZENE	ug/L
		20 U
SW8260	1,3,5-TRICHLOROBENZENE	ug/L
		20 U
SW8260	1,3-DICHLOROBENZENE	ug/L
		20 U
SW8260	1,4-DICHLOROBENZENE	ug/L
		20 U
SW8260	BENZENE	ug/L
		10 U
SW8260	CHLOROBENZENE	ug/L
		16 U
SW8260	ETHYLBENZENE	ug/L
		16 U
SW8260	NAPHTHALENE	ug/L
		460
SW8260	O-XYLENE	ug/L
		16 U
SW8260	TOLUENE	ug/L
		14 U
SW8260	XYLENES, M & P	ug/L
		16 U
SW8260	XYLENES, TOTAL	ug/L
		16 U
SW9040	pH	S.U.
		7.3

TABLE 7B
SUMMARY OF POREWATER CENTRIFUGE RAW SEDIMENT ANALYTICAL RESULTS

ONONDAGA LAKE PDI:
 PHASE V DATA SUMMARY REPORT
 FINAL

	Location	OL-VC-20192	OL-VC-20192	OL-VC-20192	OL-VC-20192	OL-VC-20192	OL-VC-20193	OL-VC-20193	OL-VC-20193
	Sample Depth	0.00-2.00 Ft	2.00-4.00 Ft	4.00-6.00 Ft	6.00-8.00 Ft	8.00-9.10 Ft	0.00-2.00 Ft	2.00-4.00 Ft	4.00-6.00 Ft
	Field Sample ID	OL-1049-01	OL-1049-02	OL-1049-03	OL-1049-04	OL-1049-05	OL-1051-01	OL-1051-02	OL-1051-03
	Sample Date	10/5/2009	10/5/2009	10/5/2009	10/5/2009	10/5/2009	10/9/2009	10/9/2009	10/9/2009
	Sample Delivery Group	OLS20	OLS20	OLS20	OLS20	OLS20	OLS22	OLS22	OLS22
	Matrix	SOIL							
	Sample Purpose	Regular sample							
	Sample Type	Porewater							
Method	Parameter Name	Units							
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	23300 J	29700	36700	32500	36300	49900 J	38800 J
SM2540G	PERCENT MOISTURE	%	53.2	49.6	47.1	38.2	44.3	68.6	56.5
SW7471	MERCURY	mg/kg	0.307 J	0.362 J	0.462 J	0.491 J	0.706 J	12.6 J	2.77 J
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	2 UJ	2 U	89 U	2 UJ	84 U	3 UJ	2 UJ
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	2 UJ	2 U	89 U	2 J	98 J	3 UJ	2 UJ
SW8260	1,2-DICHLOROBENZENE	ug/kg	2 UJ	2 U	89 U	16 J	220 J	34 J	29 J
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	2 UJ	2 U	89 U	2 J	84 U	14 J	5 J
SW8260	1,3-DICHLOROBENZENE	ug/kg	21 J	2 U	89 U	10 J	120 J	65 J	5 J
SW8260	1,4-DICHLOROBENZENE	ug/kg	4 J	2 U	110 J	29 J	440	110 J	25 J
SW8260	BENZENE	ug/kg	20 J	21	420 J	95 J	420	67 J	140 J
SW8260	CHLOROBENZENE	ug/kg	11 J	2 U	89 U	16 J	130 J	60 J	18 J
SW8260	ETHYLBENZENE	ug/kg	2 UJ	2 U	89 U	11 J	84 U	6 J	14 J
SW8260	NAPHTHALENE	ug/kg	46 J	14	4200	600 J	5500	44 J	430 J
SW8260	O-XYLENE	ug/kg	10 J	4 J	190 J	60 J	240 J	31 J	82 J
SW8260	TOLUENE	ug/kg	2 UJ	2 U	89 U	7 J	84 U	7 J	44 J
SW8260	XYLENES, M & P	ug/kg	14 J	3 J	560	110 J	640	26 J	91 J
SW8260	XYLENES, TOTAL	ug/kg	23 J	7 J	760	170 J	890	57 J	170 J
SW9045	pH	S.U.	8.34 J	7.92	7.96	7.94	7.88	7.94 J	10.2 J

TABLE 7B
SUMMARY OF POREWATER CENTRIFUGE RAW SEDIMENT ANALYTICAL RESULTS

ONONDAGA LAKE PDI:
 PHASE V DATA SUMMARY REPORT
 FINAL

	Location	OL-VC-20193	OL-VC-20193	OL-VC-20194	OL-VC-20194	OL-VC-20194	OL-VC-20194	OL-VC-20194	OL-VC-20194	OL-VC-30134
	Sample Depth	6.00-8.00 Ft	8.00-9.90 Ft	0.00-2.00 Ft	2.00-4.00 Ft	4.00-6.00 Ft	6.00-8.00 Ft	8.00-9.40 Ft	0.00-2.00 Ft	
	Field Sample ID	OL-1051-04	OL-1051-05	OL-1051-06	OL-1051-07	OL-1051-08	OL-1051-09	OL-1051-10	OL-1050-01	
	Sample Date	10/9/2009	10/9/2009	10/9/2009	10/9/2009	10/9/2009	10/9/2009	10/9/2009	10/7/2009	
	Sample Delivery Group	OLS22								
	Matrix	SOIL								
	Sample Purpose	Regular sample								
	Sample Type	Porewater								
Method	Parameter Name	Units								
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	28600 J	60500 J	57500 J	20800	24900	62200	33200	14100 J
SM2540G	PERCENT MOISTURE	%	75.5	53.1	69.7	45	42	47.7	45	70.6
SW7471	MERCURY	mg/kg	0.131 J	1.58 J	10.1 J	0.0198 U	0.019 U	0.55 J	0.487 J	0.862 J
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	4 UJ	110 UJ	3 UJ	2 U	2 U	90 U	2 U	3 UJ
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	5 UJ	110 UJ	3 UJ	2 U	2 U	90 U	95 J	4 J
SW8260	1,2-DICHLOROBENZENE	ug/kg	9 J	110 UJ	14 J	2 U	2 U	90 U	93 U	3 UJ
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	4 UJ	110 UJ	8 J	2 U	2 U	90 U	93 U	3 UJ
SW8260	1,3-DICHLOROBENZENE	ug/kg	4 UJ	110 UJ	31 J	2 U	2 U	90 U	93 U	3 UJ
SW8260	1,4-DICHLOROBENZENE	ug/kg	8 J	110 UJ	77 J	2 U	2 U	90 U	93 U	4 J
SW8260	BENZENE	ug/kg	270 J	250 J	7 J	1 J	15	120 J	5 J	6 J
SW8260	CHLOROBENZENE	ug/kg	4 UJ	110 UJ	45 J	2 U	2 U	90 U	93 U	3 UJ
SW8260	ETHYLBENZENE	ug/kg	16 J	110 UJ	3 UJ	2 U	5 J	110 J	93 U	3 UJ
SW8260	NAPHTHALENE	ug/kg	910 J	12000 J	68 J	2 U	43	7200	960	18 J
SW8260	O-XYLENE	ug/kg	88 J	390 J	8 J	2 U	10	290 J	93 U	3 UJ
SW8260	TOLUENE	ug/kg	44 J	170 J	4 J	2 U	2 U	94 J	93 U	7 J
SW8260	XYLENES, M & P	ug/kg	220 J	960 J	13 J	2 U	8	830	71	3 UJ
SW8260	XYLENES, TOTAL	ug/kg	310 J	1300 J	21 J	2 U	17	1100	140 J	3 UJ
SW9045	pH	S.U.	11.4 J	9.46 J	7.75 J	7.45	7.53	9.1	9.97	11.4 J

TABLE 7B
SUMMARY OF POREWATER CENTRIFUGE RAW SEDIMENT ANALYTICAL RESULTS

ONONDAGA LAKE PDI:
 PHASE V DATA SUMMARY REPORT
 FINAL

	Location	OL-VC-30134	OL-VC-30134	OL-VC-30134	OL-VC-30134	OL-VC-30135	OL-VC-30135	OL-VC-30135	OL-VC-30135	
	Sample Depth	2.00-4.00 Ft	4.00-6.00 Ft	6.00-8.00 Ft	8.00-9.50 Ft	0.00-2.00 Ft	2.00-4.00 Ft	4.00-6.00 Ft	6.00-8.00 Ft	
	Field Sample ID	OL-1050-02	OL-1050-03	OL-1050-04	OL-1050-05	OL-1050-06	OL-1050-07	OL-1050-08	OL-1050-09	
	Sample Date	10/7/2009	10/7/2009	10/7/2009	10/7/2009	10/7/2009	10/7/2009	10/7/2009	10/7/2009	
	Sample Delivery Group	OLS21								
	Matrix	SOIL								
	Sample Purpose	Regular sample								
	Sample Type	Porewater								
Method	Parameter Name	Units								
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	18100 J	15900 J	11100 J	19200 J	15200 J	15500 J	13200 J	17700
SM2540G	PERCENT MOISTURE	%	64.6	70.2	73.1	71.1	60.3	72	73.6	68.9
SW7471	MERCURY	mg/kg	0.235 J	0.158 J	0.113 J	0.137 J	0.203 J	0.0927 J	0.0565 J	0.128
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	3 UJ	3 UJ	4 UJ	4 UJ	3 UJ	4 UJ	4 UJ	3
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	3 UJ	3 UJ	4 UJ	4 UJ	3 UJ	4 UJ	4 UJ	3
SW8260	1,2-DICHLOROBENZENE	ug/kg	3 UJ	3 UJ	4 UJ	4 UJ	3 UJ	4 UJ	4 UJ	3
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	3 UJ	3 UJ	4 UJ	4 UJ	3 UJ	4 UJ	4 UJ	3
SW8260	1,3-DICHLOROBENZENE	ug/kg	3 UJ	3 UJ	4 UJ	4 UJ	3 UJ	4 UJ	4 UJ	3
SW8260	1,4-DICHLOROBENZENE	ug/kg	3 UJ	3 UJ	4 UJ	4 UJ	3 UJ	4 UJ	4 UJ	3
SW8260	BENZENE	ug/kg	5 J	5 J	4 J	3 J	3 J	6 J	7 J	8
SW8260	CHLOROBENZENE	ug/kg	3 UJ	3 UJ	4 UJ	4 UJ	3 UJ	4 UJ	4 UJ	3
SW8260	ETHYLBENZENE	ug/kg	3 UJ	3 UJ	4 UJ	4 UJ	3 UJ	4 UJ	4 UJ	3
SW8260	NAPHTHALENE	ug/kg	16 J	57 J	29 J	30 J	14 J	74 J	26 J	35
SW8260	O-XYLENE	ug/kg	5 J	3 UJ	4 UJ	4 UJ	3 UJ	4 UJ	4 UJ	4
SW8260	TOLUENE	ug/kg	4 J	5 J	4 UJ	4 UJ	3 UJ	4 UJ	5 J	6
SW8260	XYLENES, M & P	ug/kg	4 J	4 J	4 UJ	4 UJ	3 UJ	4 UJ	4 UJ	6
SW8260	XYLENES, TOTAL	ug/kg	4 J	4 J	4 UJ	4 UJ	3 UJ	4 UJ	4 UJ	8
SW9045	pH	S.U.	11.6 J	11.8 J	12.2 J	12.2 J	10.9 J	11.7 J	12 J	11.9

TABLE 7B
SUMMARY OF POREWATER CENTRIFUGE RAW SEDIMENT ANALYTICAL RESULTS

	Location	OL-VC-30135	OL-VC-30136	OL-VC-30136	OL-VC-30136	OL-VC-30136	OL-VC-30136	OL-VC-30136
	Sample Depth	8.00-10.00 Ft	0.00-2.00 Ft	2.00-4.00 Ft	4.00-6.00 Ft	6.00-8.00 Ft	8.00-10.00 Ft	0.00-2.00 Ft
	Field Sample ID	OL-1050-10	OL-1047-09	OL-1047-10	OL-1047-11	OL-1047-12	OL-1047-13	OL-1047-04
	Sample Date	10/7/2009	10/2/2009	10/2/2009	10/2/2009	10/2/2009	10/2/2009	10/2/2009
	Sample Delivery Group	OLS21	OLS18	OLS18	OLS18	OLS18	OLS18	OLS18
	Matrix	SOIL						
	Sample Purpose	Regular sample						
	Sample Type	Porewater						
Method	Parameter Name	Units						
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	J	17000 J	28500 J	20500 J	27500 J	28300 J
SM2540G	PERCENT MOISTURE	%		70.5	64.8	71.6	69.9	68.2
SW7471	MERCURY	mg/kg	J	0.113 J	2.01 J	0.692 J	0.304 J	0.327 J
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	UJ	3 UJ	3 UJ	3 UJ	3 UJ	3 UJ
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	UJ	3 UJ	3 UJ	3 UJ	3 UJ	3 UJ
SW8260	1,2-DICHLOROBENZENE	ug/kg	UJ	3 UJ	3 UJ	3 UJ	3 UJ	3 UJ
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	UJ	3 UJ	3 UJ	3 UJ	3 UJ	3 UJ
SW8260	1,3-DICHLOROBENZENE	ug/kg	UJ	3 UJ	3 UJ	3 UJ	3 UJ	3 UJ
SW8260	1,4-DICHLOROBENZENE	ug/kg	UJ	3 UJ	3 UJ	3 UJ	3 UJ	3 UJ
SW8260	BENZENE	ug/kg	J	7 J	12 J	12 J	7 J	9 J
SW8260	CHLOROBENZENE	ug/kg	UJ	3 UJ	3 UJ	3 UJ	3 UJ	3 UJ
SW8260	ETHYLBENZENE	ug/kg	UJ	3 UJ	3 UJ	3 UJ	3 UJ	3 UJ
SW8260	NAPHTHALENE	ug/kg	J	20 J	20 J	30 J	24 J	130 J
SW8260	O-XYLENE	ug/kg	J	3 UJ	3 UJ	3 UJ	3 UJ	3 J
SW8260	TOLUENE	ug/kg	J	4 J	4 J	5 J	3 UJ	5 J
SW8260	XYLENES, M & P	ug/kg	J	3 UJ	3 J	4 J	3 UJ	7 J
SW8260	XYLENES, TOTAL	ug/kg	J	3 UJ	3 J	4 J	3 UJ	9 J
SW9045	pH	S.U.	J	11.9 J	11.2 J	11.7 J	11.8 J	11.8 J

TABLE 7B
SUMMARY OF POREWATER CENTRIFUGE RAW SEDIMENT ANALYTICAL RESULTS

ONONDAGA LAKE PDI:
 PHASE V DATA SUMMARY REPORT
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	Location	OL-VC-30137	OL-VC-30137	OL-VC-30137	OL-VC-30137	OL-VC-30138	OL-VC-30138	OL-VC-30138	OL-VC-30138	
	Sample Depth	2.00-4.00 Ft	4.00-6.00 Ft	6.00-8.00 Ft	8.00-10.00 Ft	0.00-2.00 Ft	2.00-4.00 Ft	4.00-6.00 Ft	6.00-8.00 Ft	
	Field Sample ID	OL-1047-05	OL-1047-06	OL-1047-07	OL-1047-08	OL-1046-19	OL-1046-20	OL-1047-01	OL-1047-02	
	Sample Date	10/2/2009	10/2/2009	10/2/2009	10/2/2009	10/2/2009	10/2/2009	10/2/2009	10/2/2009	
	Sample Delivery Group	OLS18	OLS18	OLS18	OLS18	OLS17	OLS17	OLS18	OLS18	
	Matrix	SOIL								
	Sample Purpose	Regular sample								
	Sample Type	Porewater								
Method	Parameter Name	Units								
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	23900 J	18400 J	31300 J	39300 J	23800 J	25400 J	19200 J	33700
SM2540G	PERCENT MOISTURE	%	61.3	70.7	62.8	57.5	62.9	64.5	63	66
SW7471	MERCURY	mg/kg	0.112 J	0.0386 JU	0.0402 J	0.813 J	0.0308 JU	0.0644 J	0.0507 J	0.164
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	2 UJ	3 UJ	130 UJ	110 UJ	120 UJ	130 UJ	3 UJ	140
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	2 UJ	3 UJ	130 UJ	110 UJ	120 UJ	130 UJ	3 UJ	140
SW8260	1,2-DICHLOROBENZENE	ug/kg	2 UJ	3 UJ	130 UJ	110 UJ	120 UJ	130 UJ	3 UJ	140
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	2 UJ	3 UJ	130 UJ	110 UJ	120 UJ	130 UJ	3 UJ	140
SW8260	1,3-DICHLOROBENZENE	ug/kg	2 UJ	3 UJ	130 UJ	110 UJ	120 UJ	130 UJ	3 UJ	140
SW8260	1,4-DICHLOROBENZENE	ug/kg	8 J	3 UJ	130 UJ	110 UJ	120 UJ	130 UJ	3 UJ	140
SW8260	BENZENE	ug/kg	6000 J	4800 J	4600 J	4700 J	5400 J	5300 J	3600 J	21000
SW8260	CHLOROBENZENE	ug/kg	2 UJ	3 UJ	130 UJ	110 UJ	120 UJ	130 UJ	3 UJ	140
SW8260	ETHYLBENZENE	ug/kg	9 J	4 J	130 UJ	110 UJ	120 UJ	130 UJ	16 J	340
SW8260	NAPHTHALENE	ug/kg	830 J	660 J	4600 J	16000 J	150 J	260 J	320 J	27000
SW8260	O-XYLENE	ug/kg	54 J	18 J	130 UJ	110 UJ	120 UJ	130 UJ	120 UJ	2000
SW8260	TOLUENE	ug/kg	2300 J	330 J	130 UJ	110 UJ	710 J	810 J	610 J	13000
SW8260	XYLENES, M & P	ug/kg	92 J	41 J	130 UJ	110 UJ	120 UJ	130 UJ	280 J	6500
SW8260	XYLENES, TOTAL	ug/kg	200 J	59 J	130 UJ	110 UJ	120 UJ	130 UJ	390 J	8500
SW9045	pH	S.U.	11.4 J	11.6 J	11.1 J	9.01 J	11.6 J	11.7 J	11.5 J	11.1

TABLE 7B
SUMMARY OF POREWATER CENTRIFUGE RAW SEDIMENT ANALYTICAL RESULTS

	Location	OL-VC-30138	OL-VC-30139	OL-VC-30139	OL-VC-30139	OL-VC-30139	OL-VC-30139	OL-VC-30139	OL-VC-40254	
	Sample Depth	8.00-9.90 Ft	0.00-2.00 Ft	2.00-4.00 Ft	4.00-6.00 Ft	6.00-8.00 Ft	8.00-10.00 Ft	0.00-2.00 Ft		
	Field Sample ID	OL-1047-03	OL-1048-01	OL-1048-02	OL-1048-03	OL-1048-04	OL-1048-05	OL-1035-11		
	Sample Date	10/2/2009	10/5/2009	10/5/2009	10/5/2009	10/5/2009	10/5/2009	10/5/2009	10/1/2009	
	Sample Delivery Group	OLS18	OLS19	OLS19	OLS19	OLS19	OLS19	OLS19	OLS14	
	Matrix	SOIL	SOIL							
	Sample Purpose	Regular sample								
	Sample Type	Porewater								
Method	Parameter Name	Units								
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	J	27900 J	20600 J	13000 J	18400 J	16500 J	26700 J	11800
SM2540G	PERCENT MOISTURE	%		61.7	75.6	68.4	81	76.8	72.9	45.3
SW7471	MERCURY	mg/kg	J	0.109 J	1.13 J	0.199 J	0.058 J	0.241 J	0.239 J	0.0205 J
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	UJ	2400 UJ	4 UJ	3 UJ	6 UJ	4 UJ	4 UJ	2 U
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	UJ	2400 UJ	4 J	3 UJ	6 UJ	4 UJ	4 UJ	2 U
SW8260	1,2-DICHLOROBENZENE	ug/kg	UJ	2400 UJ	7 J	5 J	6 UJ	4 UJ	4 UJ	2 U
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	UJ	2400 UJ	4 UJ	3 UJ	6 UJ	4 UJ	4 UJ	2 U
SW8260	1,3-DICHLOROBENZENE	ug/kg	UJ	2400 UJ	4 UJ	3 UJ	6 UJ	4 UJ	4 UJ	2 U
SW8260	1,4-DICHLOROBENZENE	ug/kg	UJ	2400 UJ	9 J	5 J	6 UJ	6 J	4 UJ	2 U
SW8260	BENZENE	ug/kg	J	21000 J	28 J	29 J	40 J	32 J	28 J	1 J
SW8260	CHLOROBENZENE	ug/kg	UJ	2400 UJ	4 UJ	3 UJ	6 UJ	4 UJ	4 UJ	2 U
SW8260	ETHYLBENZENE	ug/kg	J	510 J	8 J	7 J	6 UJ	5 J	4 UJ	2 U
SW8260	NAPHTHALENE	ug/kg	J	170000 J	360 J	290 J	210 J	370 J	180 J	2 U
SW8260	O-XYLENE	ug/kg	J	2600 J	41 J	37 J	21 J	29 J	14 J	2 U
SW8260	TOLUENE	ug/kg	J	12000 J	28 J	32 J	28 J	24 J	14 J	7 J
SW8260	XYLENES, M & P	ug/kg	J	9800 J	92 J	95 J	46 J	62 J	26 J	4 J
SW8260	XYLENES, TOTAL	ug/kg	J	9800 J	130 J	130 J	67 J	91 J	40 J	4 J
SW9045	pH	S.U.	J	10.8 J	11.6 J	12.1 J	12.2 J	12.1 J	12 J	7.7

TABLE 7B
SUMMARY OF POREWATER CENTRIFUGE RAW SEDIMENT ANALYTICAL RESULTS

ONONDAGA LAKE PDI:
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	Location	OL-VC-40254	OL-VC-40254	OL-VC-40254	OL-VC-40254	OL-VC-40254	OL-VC-40255	OL-VC-40255	OL-VC-40255	OL-VC-40255
	Sample Depth	2.00-4.00 Ft	4.00-6.00 Ft	6.00-8.00 Ft	8.00-10.00 Ft	10.00-12.00 Ft	0.00-2.00 Ft	2.00-4.00 Ft	4.00-6.00 Ft	
	Field Sample ID	OL-1035-12	OL-1035-13	OL-1035-14	OL-1035-15	OL-1035-16	OL-1035-17	OL-1035-18	OL-1035-19	
	Sample Date	10/1/2009	10/1/2009	10/1/2009	10/1/2009	10/1/2009	10/1/2009	10/1/2009	10/1/2009	10/1/2009
	Sample Delivery Group	OLS14								
	Matrix	SOIL								
	Sample Purpose	Regular sample								
	Sample Type	Porewater								
Method	Parameter Name	Units								
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	11200	15500	20900 J	13300	14200	11200	9490	13600
SM2540G	PERCENT MOISTURE	%	46.1	43.5	52.7	41.6	49.1	44.8	45.6	45.4
SW7471	MERCURY	mg/kg	0.0203	UJ	0.0192 UJ	60.4 J	0.0188 UJ	0.0214 UJ	57.3 J	20.5 J
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	2 U	2 U	7 J	2 U	2 U	93 U	91 U	93 U
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	2 U	2 U	110 UJ	2 U	2 U	93 U	91 U	93 U
SW8260	1,2-DICHLOROBENZENE	ug/kg	2 U	2 U	22 J	2 U	2 U	540	560	95 J
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	2 U	2 U	27 J	2 U	2 U	93 U	91 U	540
SW8260	1,3-DICHLOROBENZENE	ug/kg	2 U	2 U	110 UJ	2 U	2 U	93 U	91 U	120 J
SW8260	1,4-DICHLOROBENZENE	ug/kg	2 U	2 U	12 J	2 U	2 U	200 J	99 J	93 U
SW8260	BENZENE	ug/kg	2 J	0.9 U	54 J	0.8 J	1 U	46 U	45 U	47 U
SW8260	CHLOROBENZENE	ug/kg	2 U	2 U	8 J	2 U	2 U	210 J	91 U	93 U
SW8260	ETHYLBENZENE	ug/kg	2 J	2 U	160 J	2 U	2 U	180	400	380
SW8260	NAPHTHALENE	ug/kg	2 U	2 U	7 J	2 U	2 U	93 U	91 U	93 U
SW8260	O-XYLENE	ug/kg	3 J	2 U	410 J	2 U	2 U	310	640 J	690 J
SW8260	TOLUENE	ug/kg	13	4 J	50 J	6 J	5 J	93 U	91 U	93 U
SW8260	XYLENES, M & P	ug/kg	9 J	2 U	2000 J	3 J	2 J	2000	3700	4300
SW8260	XYLENES, TOTAL	ug/kg	12	2 U	2300 J	3 J	2 J	2300	4100	4900
SW9045	pH	S.U.	7.53	7.56	9.8 J	7.69	7.5	9.45	10.1	9.56

TABLE 7B
SUMMARY OF POREWATER CENTRIFUGE RAW SEDIMENT ANALYTICAL RESULTS

ONONDAGA LAKE PDI:
 PHASE V DATA SUMMARY REPORT
 FINAL

	Location	OL-VC-40255	OL-VC-40255	OL-VC-40255	OL-VC-40256	OL-VC-40256	OL-VC-40256	OL-VC-40256	OL-VC-40256	OL-VC-40256
	Sample Depth	6.00-8.00 Ft	8.00-10.00 Ft	10.00-12.00 Ft	0.00-2.00 Ft	2.00-4.00 Ft	4.00-6.00 Ft	6.00-8.00 Ft	8.00-10.00 Ft	
	Field Sample ID	OL-1035-20	OL-1036-01	OL-1036-02	OL-1045-12	OL-1045-13	OL-1045-14	OL-1045-15	OL-1045-16	
	Sample Date	10/1/2009	10/1/2009	10/1/2009	10/2/2009	10/2/2009	10/2/2009	10/2/2009	10/2/2009	10/2/2009
	Sample Delivery Group	OLS14	OLS15	OLS15	OLS16	OLS16	OLS16	OLS16	OLS16	OLS16
	Matrix	SOIL								
	Sample Purpose	Regular sample								
	Sample Type	Porewater								
Method	Parameter Name	Units								
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	12400	24400 J	21600	14600	15400	18100	21700 J	36500 J
SM2540G	PERCENT MOISTURE	%	39.4	53.4	45.6	41.1	45.6	41	54.1	65.8
SW7471	MERCURY	mg/kg	0.0182	UJ	49.4 J	69.8	91.5	75.5	85.7	1.92 J
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	2 U	5 J	87 U	860 U	96 U	8 J	2 UJ	3 UJ
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	2 U	9 J	87 U	860 U	96 U	78 U	2 UJ	3 UJ
SW8260	1,2-DICHLOROBENZENE	ug/kg	2 U	18 J	87 U	88 J	96 U	78 U	8 J	6 J
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	2 U	210 J	500	940 J	300 J	80 J	2 UJ	3 UJ
SW8260	1,3-DICHLOROBENZENE	ug/kg	2 U	30 J	87 U	860 U	180 J	78 U	2 UJ	3 UJ
SW8260	1,4-DICHLOROBENZENE	ug/kg	2 U	13 J	87 U	860 U	96 U	78 U	4 J	9 J
SW8260	BENZENE	ug/kg	1 J	56 UJ	43 U	430 U	48 U	39 U	7 J	8 J
SW8260	CHLOROBENZENE	ug/kg	2 U	8 J	87 U	860 U	96 U	78 U	4 J	7 J
SW8260	ETHYLBENZENE	ug/kg	2 U	120 J	220 J	3500	1500	200 J	15 J	6 J
SW8260	NAPHTHALENE	ug/kg	2 U	6 J	87 U	860 U	96 U	8 J	4 J	3 UJ
SW8260	O-XYLENE	ug/kg	2 U	340 J	500	5500	2300	420	43 J	11 J
SW8260	TOLUENE	ug/kg	7 J	45 J	87 U	860 U	96 U	78 U	13 J	17 J
SW8260	XYLENES, M & P	ug/kg	4 J	1700 J	3100	33000	15000	2600	180 J	47 J
SW8260	XYLENES, TOTAL	ug/kg	4 J	2000 J	3600	38000	17000	3000	220 J	57 J
SW9045	pH	S.U.	7.79	9.34 J	8.96	8.84	9.23	9.43	9.49 J	9.26 J

TABLE 7B
SUMMARY OF POREWATER CENTRIFUGE RAW SEDIMENT ANALYTICAL RESULTS

ONONDAGA LAKE PDI:
 PHASE V DATA SUMMARY REPORT
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	Location	OL-VC-40257	OL-VC-40257	OL-VC-40257	OL-VC-40257	OL-VC-40257	OL-VC-40258	OL-VC-40258	OL-VC-40258	
	Sample Depth	0.00-2.00 Ft	2.00-4.00 Ft	4.00-6.00 Ft	6.00-8.00 Ft	8.00-9.00 Ft	0.00-2.00 Ft	2.00-4.00 Ft	4.00-6.00 Ft	
	Field Sample ID	OL-1048-06	OL-1048-07	OL-1048-08	OL-1048-09	OL-1048-10	OL-1034-16	OL-1034-17	OL-1034-18	
	Sample Date	10/5/2009	10/5/2009	10/5/2009	10/5/2009	10/5/2009	10/1/2009	10/1/2009	10/1/2009	
	Sample Delivery Group	OLS19	OLS19	OLS19	OLS19	OLS19	OLS13	OLS13	OLS13	
	Matrix	SOIL								
	Sample Purpose	Regular sample								
	Sample Type	Porewater								
Method	Parameter Name	Units								
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	30200	17800	27200 J	19400 J	36100	11900 J	21700	17400
SM2540G	PERCENT MOISTURE	%	45.9	47.9	51	51.2	49.7	53.5	44.8	45.8
SW7471	MERCURY	mg/kg	47.6 J	45.7 J	17.7 J	2.69 J	1.44 J	7.04 J	65.3 J	120 J
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	2 U	2 U	2 UJ	2 UJ	2 U	2 UJ	2 U	2 U
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	2 U	2 U	2 UJ	2 UJ	2 U	2 UJ	4 J	2 U
SW8260	1,2-DICHLOROBENZENE	ug/kg	3 J	3 J	2 UJ	2 UJ	2 U	24 J	90	7 J
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	2 U	5 J	12 J	2 UJ	2 U	2 UJ	7 J	5 J
SW8260	1,3-DICHLOROBENZENE	ug/kg	36	41	2 UJ	2 UJ	2 U	37 J	100	65
SW8260	1,4-DICHLOROBENZENE	ug/kg	4 J	3 J	2 UJ	2 UJ	2 U	31 J	20	7 J
SW8260	BENZENE	ug/kg	1 J	1 J	1 UJ	1 J	2 J	5 J	6 J	8 J
SW8260	CHLOROBENZENE	ug/kg	49	26	2 UJ	2 UJ	2 J	94 J	25	24
SW8260	ETHYLBENZENE	ug/kg	9 J	6 J	2 UJ	2 UJ	2 U	4 J	5 J	8 J
SW8260	NAPHTHALENE	ug/kg	2 U	3 J	2 UJ	2 UJ	2 U	3 J	2 J	2 J
SW8260	O-XYLENE	ug/kg	40	25	7 J	2 UJ	2 U	13 J	17	33
SW8260	TOLUENE	ug/kg	2 U	2 U	2 UJ	2 UJ	2 U	2 UJ	4 J	7 J
SW8260	XYLENES, M & P	ug/kg	180	130	27 J	2 UJ	2 U	72 J	82	150
SW8260	XYLENES, TOTAL	ug/kg	220	150	34 J	2 UJ	2 U	86 J	99	180
SW9045	pH	S.U.	8.43	8.62	8.83 J	8.43 J	8.46	8.56 J	8.57	8.4

TABLE 7B
SUMMARY OF POREWATER CENTRIFUGE RAW SEDIMENT ANALYTICAL RESULTS

ONONDAGA LAKE PDI:
 PHASE V DATA SUMMARY REPORT
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	Location	OL-VC-40258	OL-VC-40258	OL-VC-40259						
	Sample Depth	6.00-8.00 Ft	8.00-9.80 Ft	0.00-2.00 Ft	2.00-4.00 Ft	4.00-6.00 Ft	6.00-8.00 Ft	8.00-10.00 Ft	10.00-12.00 Ft	
	Field Sample ID	OL-1034-19	OL-1034-20	OL-1045-17	OL-1045-18	OL-1045-19	OL-1045-20	OL-1046-01	OL-1046-02	
	Sample Date	10/1/2009	10/1/2009	10/2/2009	10/2/2009	10/2/2009	10/2/2009	10/2/2009	10/2/2009	10/2/2009
	Sample Delivery Group	OLS13	OLS13	OLS16	OLS16	OLS16	OLS16	OLS16	OLS17	OLS17
	Matrix	SOIL								
	Sample Purpose	Regular sample								
	Sample Type	Porewater								
Method	Parameter Name	Units								
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	21700	26300	8230	13200	23900 J	17200 J	20300	15600
SM2540G	PERCENT MOISTURE	%	46.6	45.4	47.3	44.1	52.5	54.3	45.3	44.8
SW7471	MERCURY	mg/kg	61.2 J	29.6 J	25.5	99.6	51.4 J	35.7 J	49.2 J	64.6 J
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	2 U	2 U	100 U	87 U	100 UJ	110 UJ	3 J	2 U
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	2 U	2 U	100 U	87 U	100 UJ	110 UJ	4 J	2 U
SW8260	1,2-DICHLOROBENZENE	ug/kg	3 J	4 J	100 U	87 U	100 UJ	110 UJ	9	9 J
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	18	17	100 U	330 J	100 UJ	110 UJ	18 J	270
SW8260	1,3-DICHLOROBENZENE	ug/kg	89	83	100 U	96 J	100 UJ	110 UJ	3 J	220
SW8260	1,4-DICHLOROBENZENE	ug/kg	6 J	8 J	100 U	87 U	100 UJ	110 UJ	3 J	2 U
SW8260	BENZENE	ug/kg	3 J	3 J	51 U	46 J	50 UJ	60 J	11	7 J
SW8260	CHLOROBENZENE	ug/kg	13	13	100 U	87 U	100 UJ	110 UJ	2 U	5 J
SW8260	ETHYLBENZENE	ug/kg	8 J	8 J	950	860	300 J	180 J	21 J	15
SW8260	NAPHTHALENE	ug/kg	3 J	3 J	100 U	87 U	100 UJ	110 UJ	6 J	10
SW8260	O-XYLENE	ug/kg	19	21	1700	1600	790 J	240 J	85	43
SW8260	TOLUENE	ug/kg	4 J	4 J	100 U	87 U	100 UJ	110 UJ	18	19
SW8260	XYLENES, M & P	ug/kg	120	120	13000	9900	4800 J	2900 J	310 J	160
SW8260	XYLENES, TOTAL	ug/kg	140	140	15000	12000	5600 J	3100 J	390 J	200
SW9045	pH	S.U.	8.39	8.43	9.82	9.74	10.1 J	10.3 J	9.91	8.82

TABLE 7B
SUMMARY OF POREWATER CENTRIFUGE RAW SEDIMENT ANALYTICAL RESULTS

ONONDAGA LAKE PDI:
 PHASE V DATA SUMMARY REPORT
 FINAL

	Location	OL-VC-40260	OL-VC-40260	OL-VC-40260	OL-VC-40260	OL-VC-40260	OL-VC-40260	OL-VC-40261	OL-VC-40261	OL-VC-40261								
	Sample Depth	0.00-2.00 Ft	2.00-4.00 Ft	4.00-6.00 Ft	6.00-8.00 Ft	8.00-10.00 Ft	10.00-11.10 Ft	0.00-2.00 Ft	2.00-4.00 Ft									
	Field Sample ID	OL-1046-03	OL-1046-04	OL-1046-05	OL-1046-06	OL-1046-07	OL-1046-08	OL-1035-01	OL-1035-02									
	Sample Date	10/2/2009	10/2/2009	10/2/2009	10/2/2009	10/2/2009	10/2/2009	10/1/2009	10/1/2009									
	Sample Delivery Group	OLS17	OLS17	OLS17	OLS17	OLS17	OLS17	OLS14	OLS14									
	Matrix	SOIL																
	Sample Purpose	Regular sample																
	Sample Type	Porewater																
Method	Parameter Name	Units																
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	12400	22400	30300	19200	23300	22800	J	11400	20800							
SM2540G	PERCENT MOISTURE	%	41.9	41.3	45.6	46.6	46.9	51.3		35.5	43.2							
SW7471	MERCURY	mg/kg	56.5	J	153	J	49.7	J	43.2	J	27.3	J	28.6	J	2.06	J	58.8	J
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	2	J	2	U	2	U	2	U	2	UJ	2	U	2	U	2	U
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	2	J	14		5	J	2	J	3	J	2	UJ	2	U	2	U
SW8260	1,2-DICHLOROBENZENE	ug/kg	8		7	J	5	J	5	J	7	J	3	J	4	J	11	
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	5	J	240		69		5	J	2	U	2	UJ	2	U	2	U
SW8260	1,3-DICHLOROBENZENE	ug/kg	4	J	42		3	J	2	U	2	U	2	UJ	8	J	210	
SW8260	1,4-DICHLOROBENZENE	ug/kg	4	J	9		2	J	2	J	3	J	2	UJ	3	J	18	
SW8260	BENZENE	ug/kg	5	J	6	J	3	J	3	J	3	J	2	J	3	J	11	
SW8260	CHLOROBENZENE	ug/kg	4	J	3	J	2	U	2	U	2	U	2	UJ	15		44	
SW8260	ETHYLBENZENE	ug/kg	30		40		26		13		12		5	J	6	J	45	
SW8260	NAPHTHALENE	ug/kg	2	J	10		7	J	5	J	6	J	3	J	2	U	6	J
SW8260	O-XYLENE	ug/kg	67		180		190		100		78		22	J	30	J	200	
SW8260	TOLUENE	ug/kg	14		15		13		11		6	J	7	J	3	J	7	J
SW8260	XYLENES, M & P	ug/kg	300		530		360		200		230		81	J	110	J	790	
SW8260	XYLENES, TOTAL	ug/kg	370		710		550		300		310		100	J	140	J	990	
SW9045	pH	S.U.	9.34		9.13		9.75		9.72		9.46		9.33	J	8.18		8.51	

TABLE 7B
SUMMARY OF POREWATER CENTRIFUGE RAW SEDIMENT ANALYTICAL RESULTS

ONONDAGA LAKE PDI:
 PHASE V DATA SUMMARY REPORT
 FINAL

	Location	OL-VC-40261	OL-VC-40261	OL-VC-40261	OL-VC-40262	OL-VC-40262	OL-VC-40262	OL-VC-40262	OL-VC-40262	OL-VC-40262
	Sample Depth	4.00-6.00 Ft	6.00-8.00 Ft	8.00-9.30 Ft	0.00-2.00 Ft	2.00-4.00 Ft	4.00-6.00 Ft	6.00-8.00 Ft	8.00-10.00 Ft	
	Field Sample ID	OL-1035-03	OL-1035-04	OL-1035-05	OL-1035-06	OL-1035-07	OL-1035-08	OL-1035-09	OL-1035-10	
	Sample Date	10/1/2009	10/1/2009	10/1/2009	10/1/2009	10/1/2009	10/1/2009	10/1/2009	10/1/2009	10/1/2009
	Sample Delivery Group	OLS14								
	Matrix	SOIL								
	Sample Purpose	Regular sample								
	Sample Type	Porewater								
Method	Parameter Name	Units								
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	24000	27500 J	18100	13600	13600	16200	20400	21800
SM2540G	PERCENT MOISTURE	%	48.3	51.5	43.8	43.1	43.6	48.5	47.4	49.9
SW7471	MERCURY	mg/kg	72.8 J	50.4 J	59.4 J	4.99 J	67.2 J	37.9 J	37.3 J	63.5 J
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	94 U	5 J	2 U	2 U	2 J	6 J	2 U	2 U
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	94 U	7 J	6 J	2 U	16	5 J	4 J	2 U
SW8260	1,2-DICHLOROBENZENE	ug/kg	94 U	8 J	7 J	11	18	6 J	5 J	6 J
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	250 J	58 J	420	2 U	49	2 U	20	7 J
SW8260	1,3-DICHLOROBENZENE	ug/kg	190 J	9 J	47	39	47	2 U	49	95
SW8260	1,4-DICHLOROBENZENE	ug/kg	94 U	5 J	6 J	12	14	3 J	6 J	9 J
SW8260	BENZENE	ug/kg	47 U	24 J	14	9	16	26	17	11
SW8260	CHLOROBENZENE	ug/kg	94 U	5 J	7 J	13	7 J	2 J	9 J	26
SW8260	ETHYLBENZENE	ug/kg	140 J	58 J	40	5 J	20	13	4 J	3 J
SW8260	NAPHTHALENE	ug/kg	94 U	5 J	6 J	2 J	5 J	3 J	2 J	4 J
SW8260	O-XYLENE	ug/kg	460	260 J	200	28	64	50	18	13
SW8260	TOLUENE	ug/kg	94 U	18 J	13	3 J	10	11	6 J	4 J
SW8260	XYLENES, M & P	ug/kg	2700	1000 J	730	110	340	240	68	42
SW8260	XYLENES, TOTAL	ug/kg	3100	1300 J	930	140	410	290	85	54
SW9045	pH	S.U.	8.66	9.22 J	9.08	8.78	9.23	9.58	8.65	8.44

TABLE 7B
SUMMARY OF POREWATER CENTRIFUGE RAW SEDIMENT ANALYTICAL RESULTS

ONONDAGA LAKE PDI:
 PHASE V DATA SUMMARY REPORT
 FINAL

	Location	OL-VC-40263	OL-VC-40263	OL-VC-40263	OL-VC-40263	OL-VC-40263	OL-VC-40264	OL-VC-40264	OL-VC-40264	
	Sample Depth	0.00-2.00 Ft	2.00-4.00 Ft	4.00-6.00 Ft	6.00-8.00 Ft	8.00-10.00 Ft	0.00-2.00 Ft	2.00-4.00 Ft	4.00-6.00 Ft	
	Field Sample ID	OL-1034-11	OL-1034-12	OL-1034-13	OL-1034-14	OL-1034-15	OL-1046-09	OL-1046-10	OL-1046-11	
	Sample Date	10/1/2009	10/1/2009	10/1/2009	10/1/2009	10/1/2009	10/2/2009	10/2/2009	10/2/2009	
	Sample Delivery Group	OLS13	OLS13	OLS13	OLS13	OLS13	OLS17	OLS17	OLS17	
	Matrix	SOIL								
	Sample Purpose	Regular sample								
	Sample Type	Porewater								
Method	Parameter Name	Units								
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	12100	12100	8890	6780	16700	11300 J	7950	18400
SM2540G	PERCENT MOISTURE	%	44.9	43.4	42.9	42.6	44.9	53.4	47.7	47.6
SW7471	MERCURY	mg/kg	35.2 J	17.7 J	56.8 J	28.3 J	79.5 J	3.57 J	23.6 J	76.2 J
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	88 U	87 U	82 U	81 U	88 U	2 UJ	3 J	2 U
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	88 U	87 U	82 U	81 U	88 U	4 J	5 J	20
SW8260	1,2-DICHLOROBENZENE	ug/kg	88 U	87 U	82 U	81 U	88 U	19 J	11	10
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	88 U	87 U	82 U	81 U	88 U	15 J	10	300
SW8260	1,3-DICHLOROBENZENE	ug/kg	88 U	87 U	82 U	81 U	190 J	14 J	26	72
SW8260	1,4-DICHLOROBENZENE	ug/kg	88 U	87 U	82 U	81 U	88 U	13 J	9	10
SW8260	BENZENE	ug/kg	44 U	44 U	41 U	40 U	44 U	7 J	9 J	19
SW8260	CHLOROBENZENE	ug/kg	88 U	87 U	82 U	81 U	170 J	16 J	14	26
SW8260	ETHYLBENZENE	ug/kg	180 J	430 J	340 J	250	170 J	7 J	11	20
SW8260	NAPHTHALENE	ug/kg	88 U	87 U	82 U	9 J	88 U	3 J	3 J	5 J
SW8260	O-XYLENE	ug/kg	410 J	960	770	600 J	530	23 J	31	75
SW8260	TOLUENE	ug/kg	88 U	87 U	82 U	81 U	88 U	5 J	8 J	19
SW8260	XYLENES, M & P	ug/kg	2700	7100	6000	3800	2800	130 J	190	370
SW8260	XYLENES, TOTAL	ug/kg	3100	8100	6700	4400	3300	150 J	230	440
SW9045	pH	S.U.	8.91	9.74	10.1	9.35	8.49	8.88 J	9.59	8.9

TABLE 7B
SUMMARY OF POREWATER CENTRIFUGE RAW SEDIMENT ANALYTICAL RESULTS

ONONDAGA LAKE PDI:
 PHASE V DATA SUMMARY REPORT
 FINAL

		Location	OL-VC-40264	OL-VC-40264	OL-VC-40265	OL-VC-40265	OL-VC-40265	OL-VC-40265	OL-VC-40265	OL-VC-40265	OL-VC-40266
		Sample Depth	6.00-8.00 Ft	8.00-10.00 Ft	0.00-2.00 Ft	2.00-4.00 Ft	4.00-6.00 Ft	6.00-8.00 Ft	8.00-10.00 Ft	0.00-2.00 Ft	0.00-2.00 Ft
		Field Sample ID	OL-1046-12	OL-1046-13	OL-1046-14	OL-1046-15	OL-1046-16	OL-1046-17	OL-1046-18	OL-1034-06	
		Sample Date	10/2/2009	10/2/2009	10/2/2009	10/2/2009	10/2/2009	10/2/2009	10/2/2009	10/2/2009	10/1/2009
		Sample Delivery Group	OLS17	OLS13							
		Matrix	SOIL								
		Sample Purpose	Regular sample								
		Sample Type	Porewater								
Method	Parameter Name	Units									
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	21700	19600	10900 J	15200	20500	21300 J	23200		4960
SM2540G	PERCENT MOISTURE	%	48.9	49.7	54.4	44.1	49.9	53.6	48.8		45.4
SW7471	MERCURY	mg/kg	40.2 J	62.8 J	12.1 J	52.9 J	43.9 J	33 J	92.4 J		0.432 J
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	2 U	2 U	6 J	2 U	12	7 J	2 UJ		2 U
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	10	2 J	10 J	3 J	13	24 J	2 J		2 U
SW8260	1,2-DICHLOROBENZENE	ug/kg	5 J	8 J	10 J	4 J	4 J	8 J	16 J		2 U
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	290	18	4 J	21	42	250 J	13 J		2 U
SW8260	1,3-DICHLOROBENZENE	ug/kg	13	100	44 J	56	6 J	17 J	210 J		2 U
SW8260	1,4-DICHLOROBENZENE	ug/kg	3 J	12	15 J	6 J	3 J	4 J	22 J		2 U
SW8260	BENZENE	ug/kg	12	9 J	15 J	14	16	16 J	14 J		3 J
SW8260	CHLOROBENZENE	ug/kg	4 J	25	27 J	17	3 J	4 J	43 J		2 U
SW8260	ETHYLBENZENE	ug/kg	4 J	17	31 J	8 J	3 J	4 J	20 J		2 U
SW8260	NAPHTHALENE	ug/kg	2 J	5 J	6 J	2 J	2 U	2 J	9 J		2 U
SW8260	O-XYLENE	ug/kg	37	130	77 J	25	17	33 J	150 J		4 J
SW8260	TOLUENE	ug/kg	6 J	6 J	10 J	9	8 J	8 J	8 J		2 U
SW8260	XYLENES, M & P	ug/kg	72	410	570 J	140	49	71 J	470 J		6 J
SW8260	XYLENES, TOTAL	ug/kg	110	540	650 J	160	66	100 J	630 J		10
SW9045	pH	S.U.	8.74	8.49	9.64 J	8.95	8.99	8.72 J	8.5		9.54

TABLE 7B
SUMMARY OF POREWATER CENTRIFUGE RAW SEDIMENT ANALYTICAL RESULTS

ONONDAGA LAKE PDI:
 PHASE V DATA SUMMARY REPORT
 FINAL

	Location	OL-VC-40266	OL-VC-40266	OL-VC-40266	OL-VC-40266	OL-VC-40267	OL-VC-40267	OL-VC-40267	OL-VC-40267	OL-VC-40267
	Sample Depth	2.00-4.00 Ft	4.00-6.00 Ft	6.00-8.00 Ft	8.00-10.00 Ft	0.00-2.00 Ft	2.00-4.00 Ft	4.00-6.00 Ft	6.00-8.00 Ft	
	Field Sample ID	OL-1034-07	OL-1034-08	OL-1034-09	OL-1034-10	OL-1034-01	OL-1034-02	OL-1034-03	OL-1034-04	
	Sample Date	10/1/2009	10/1/2009	10/1/2009	10/1/2009	10/1/2009	10/1/2009	10/1/2009	10/1/2009	10/1/2009
	Sample Delivery Group	OLS13								
	Matrix	SOIL								
	Sample Purpose	Regular sample								
	Sample Type	Porewater								
Method	Parameter Name	Units								
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	6180	14100	14900	12500	11700	10300	20700	11500
SM2540G	PERCENT MOISTURE	%	33.3	36.8	41.4	45.9	36.1	40.8	40	39
SW7471	MERCURY	mg/kg	0.766 J	2.55 J	31.2 J	68.8 J	0.826 J	0.669 J	3.02 J	3.51 J
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	2 U	77 U	82 U	94 U	1 U	2 U	2 U	2 U
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	2 U	77 U	82 U	94 U	1 U	2 U	2 U	2 U
SW8260	1,2-DICHLOROBENZENE	ug/kg	2 J	77 U	82 U	94 U	1 U	2 J	6 J	4 J
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	3 J	77 U	82 U	190 J	1 U	2 U	2 U	2 U
SW8260	1,3-DICHLOROBENZENE	ug/kg	12	60	89 J	98 J	1 U	30	72	10
SW8260	1,4-DICHLOROBENZENE	ug/kg	2 U	84 J	82 U	94 U	1 U	3 J	11	4 J
SW8260	BENZENE	ug/kg	3 J	38 U	41 U	47 U	0.7 U	0.8 J	3 J	3 J
SW8260	CHLOROBENZENE	ug/kg	4 J	94 J	82 U	94 U	2 J	9	32	6 J
SW8260	ETHYLBENZENE	ug/kg	2 J	86	82 U	99 J	1 U	2 U	2 U	2 U
SW8260	NAPHTHALENE	ug/kg	2 U	77 U	82 U	94 U	1 U	2 U	2 J	2 U
SW8260	O-XYLENE	ug/kg	15	290 J	220	270	1 U	2 U	2 U	4 J
SW8260	TOLUENE	ug/kg	2 U	77 U	82 U	94 U	1 U	2 U	2 U	2 U
SW8260	XYLENES, M & P	ug/kg	30	1700	1200 J	1700	1 U	2 J	4 J	8 J
SW8260	XYLENES, TOTAL	ug/kg	45	2000	1400 J	1900	1 U	2 J	4 J	12
SW9045	pH	S.U.	8.66	8.71	8.81	8.85	7.82	7.74	7.56	7.68

TABLE 7B
SUMMARY OF POREWATER CENTRIFUGE RAW SEDIMENT ANALYTICAL RESULTS

	Location	OL-VC-40267
	Sample Depth	8.00-9.80 Ft
	Field Sample ID	OL-1034-05
	Sample Date	10/1/2009
	Sample Delivery Group	OLS13
	Matrix	SOIL
	Sample Purpose	Regular sample
	Sample Type	Porewater
Method	Parameter Name	Units
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg
		13100
SM2540G	PERCENT MOISTURE	%
		42.3
SW7471	MERCURY	mg/kg
		2.6 J
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg
		2 U
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg
		2 U
SW8260	1,2-DICHLOROBENZENE	ug/kg
		13
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg
		2 U
SW8260	1,3-DICHLOROBENZENE	ug/kg
		39
SW8260	1,4-DICHLOROBENZENE	ug/kg
		14
SW8260	BENZENE	ug/kg
		7 J
SW8260	CHLOROBENZENE	ug/kg
		34
SW8260	ETHYLBENZENE	ug/kg
		8 J
SW8260	NAPHTHALENE	ug/kg
		2 J
SW8260	O-XYLENE	ug/kg
		35
SW8260	TOLUENE	ug/kg
		3 J
SW8260	XYLENES, M & P	ug/kg
		140
SW8260	XYLENES, TOTAL	ug/kg
		180
SW9045	pH	S.U.
		8.09

TABLE 7B
SUMMARY OF POREWATER CENTRIFUGE RAW SEDIMENT ANALYTICAL RESULTS

ONONDAGA LAKE PDI:
 PHASE V DATA SUMMARY REPORT
 FINAL

	Location	OL-VC-40268	OL-VC-60262	OL-VC-60262						
	Sample Depth	0.00-2.00 Ft	2.00-4.00 Ft	4.00-6.00 Ft	6.00-8.00 Ft	8.00-10.00 Ft	10.00-11.80 Ft	0.00-2.00 Ft	2.00-4.00 Ft	
	Field Sample ID	OL-1045-06	OL-1045-07	OL-1045-08	OL-1045-09	OL-1045-10	OL-1045-11	OL-1049-11	OL-1049-12	
	Sample Date	10/2/2009	10/2/2009	10/2/2009	10/2/2009	10/2/2009	10/2/2009	10/5/2009	10/5/2009	
	Sample Delivery Group	OLS16	OLS20	OLS20						
	Matrix	SOIL								
	Sample Purpose	Regular sample								
	Sample Type	Pore water								
Method	Parameter Name	Units								
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	30100	56500 J	41000	33000 J	76700 J	79600 J	39200 J	76100 J
SM2540G	PERCENT MOISTURE	%	37.4	57.6	47.4	55.1	55.8	56.7	58.2	61.5
SW7471	MERCURY	mg/kg	10.2	1.07 J	0.837	0.442 J	0.488 J	0.46 J	3.89 J	8.55 J
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	2 U	2 UJ	3 UJ					
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	2 U	2 UJ	17 J					
SW8260	1,2-DICHLOROBENZENE	ug/kg	2 J	6 J	6 J	2 UJ	2 UJ	3 J	2 UJ	400 J
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	18	2 UJ	3 J	24 J				
SW8260	1,3-DICHLOROBENZENE	ug/kg	2 U	2 UJ	27 J	360 J				
SW8260	1,4-DICHLOROBENZENE	ug/kg	2 U	8 J	14 J	2 UJ	3 J	5 J	140 J	490 J
SW8260	BENZENE	ug/kg	4 J	6 J	9 J	6 J	8 J	11 J	6 J	280 J
SW8260	CHLOROBENZENE	ug/kg	2 J	6 J	16 J	2 J	5 J	6 J	240 J	3700 J
SW8260	ETHYLBENZENE	ug/kg	3 J	2 UJ	130 J					
SW8260	NAPHTHALENE	ug/kg	2 U	3 J	3 J	2 UJ	2 UJ	2 UJ	14 J	34 J
SW8260	O-XYLENE	ug/kg	15	3 J	4 J	3 J	2 UJ	4 J	9 J	43 J
SW8260	TOLUENE	ug/kg	4 J	8 J	11 J	10 J	7 J	12 J	2 UJ	30 J
SW8260	XYLENES, M & P	ug/kg	48	8 J	9 J	7 J	4 J	8 J	14 J	61 J
SW8260	XYLENES, TOTAL	ug/kg	63	11 J	14 J	10 J	4 J	12 J	22 J	92 J
SW9045	pH	S.U.	9.57	9.55 J	9.27	9.41 J	9.75 J	9.76 J	7.67 J	7.71 J

TABLE 7B
SUMMARY OF POREWATER CENTRIFUGE RAW SEDIMENT ANALYTICAL RESULTS

ONONDAGA LAKE PDI:
 PHASE V DATA SUMMARY REPORT
 FINAL

	Location	OL-VC-60262	OL-VC-60262	OL-VC-60262	OL-VC-60263	OL-VC-60263	OL-VC-60263	OL-VC-60263	OL-VC-60263	OL-VC-60263
	Sample Depth	4.00-6.00 Ft	6.00-8.00 Ft	8.00-9.90 Ft	0.00-2.00 Ft	2.00-4.00 Ft	4.00-6.00 Ft	6.00-8.00 Ft	8.00-9.90 Ft	
	Field Sample ID	OL-1049-13	OL-1049-14	OL-1049-15	OL-1049-06	OL-1049-07	OL-1049-08	OL-1049-09	OL-1049-10	
	Sample Date	10/5/2009	10/5/2009	10/5/2009	10/5/2009	10/5/2009	10/5/2009	10/5/2009	10/5/2009	
	Sample Delivery Group	OLS20								
	Matrix	SOIL								
	Sample Purpose	Regular sample								
	Sample Type	Pore water								
Method	Parameter Name	Units								
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	71400 J	59800 J	65000 J	33300 J	89000 J	59200 J	54300 J	78800
SM2540G	PERCENT MOISTURE	%	57.6	54.5	51.6	58.7	65	59.2	51.2	57.4
SW7471	MERCURY	mg/kg	30.6 J	3.49 J	2.94 J	2.41 J	10.9 J	22 J	5.26 J	2.51
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	120 UJ	120 UJ	110 UJ	3 UJ	3 UJ	130 UJ	110 UJ	110
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	270 J	120 UJ	110 UJ	3 UJ	35 J	130 UJ	1000 UJ	110
SW8260	1,2-DICHLOROBENZENE	ug/kg	930 J	120 UJ	110 UJ	18 J	250 J	910 J	460 J	110
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	160 J	120 UJ	110 UJ	4 J	98 J	130 UJ	1000 UJ	110
SW8260	1,3-DICHLOROBENZENE	ug/kg	440 J	120 UJ	110 UJ	37 J	150 J	600 J	160 J	110
SW8260	1,4-DICHLOROBENZENE	ug/kg	2300 J	220 J	170 J	150 J	790 J	2300 J	2300 J	110
SW8260	BENZENE	ug/kg	150 J	82 J	80 J	9 J	210 J	340 J	500 UJ	210
SW8260	CHLOROBENZENE	ug/kg	1200 J	150 J	110 UJ	270 J	2700 J	2200 J	1100 J	110
SW8260	ETHYLBENZENE	ug/kg	150 J	120 UJ	250 J	3 UJ	33 J	940 J	1400 J	290
SW8260	NAPHTHALENE	ug/kg	810 J	560 J	13000 J	3 UJ	99 J	24000 J	71000 J	3000
SW8260	O-XYLENE	ug/kg	320 J	150 J	280 J	9 J	86 J	2000 J	2500 J	610
SW8260	TOLUENE	ug/kg	120 UJ	160 J	130 J	4 J	87 J	490 J	180 J	370
SW8260	XYLENES, M & P	ug/kg	720 J	160 J	560 J	19 J	180 J	5000 J	5700 J	270
SW8260	XYLENES, TOTAL	ug/kg	960 J	300 J	830 J	29 J	290 J	7000 J	8100 J	880
SW9045	pH	S.U.	7.71 J	7.74 J	7.65 J	7.69 J	7.9 J	7.98 J	7.81 J	7.8

TABLE 7B
SUMMARY OF POREWATER CENTRIFUGE RAW SEDIMENT ANALYTICAL RESULTS

ONONDAGA LAKE PDI:
 PHASE V DATA SUMMARY REPORT
 FINAL

	Location	OL-VC-70140	OL-VC-70140	OL-VC-70140	OL-VC-70140	OL-VC-70140	OL-VC-70141	OL-VC-70141	OL-VC-70141	OL-VC-70141	
	Sample Depth	0.00-2.00 Ft	2.00-4.00 Ft	4.00-6.00 Ft	6.00-8.00 Ft	8.00-10.00 Ft	0.00-2.00 Ft	2.00-4.00 Ft	4.00-6.00 Ft	4.00-6.00 Ft	
	Field Sample ID	OL-1032-01	OL-1032-02	OL-1032-03	OL-1032-04	OL-1032-05	OL-1032-06	OL-1032-07	OL-1032-08	OL-1032-08	
	Sample Date	9/29/2009	9/29/2009	9/29/2009	9/29/2009	9/29/2009	9/29/2009	9/29/2009	9/29/2009	9/29/2009	
	Sample Delivery Group	OLS12									
	Matrix	SOIL									
	Sample Purpose	Regular sample									
	Sample Type	Pore water									
Method	Parameter Name	Units									
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	J	44200	14300	12900	16900	13000	85100	45900	47400
SM2540G	PERCENT MOISTURE	%		33.2	39.8	39.8	39.9	45.7	38	42.8	49.4
SW7471	MERCURY	mg/kg	J	7.11 J	0.018 UJ	0.0186 UJ	0.0178 UJ	0.0233 J	22.2 J	27.3 J	19
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	UJ	73 UJ	2 U	2 U	2 U	2 U	140 J	830 U	96
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	UJ	73 UJ	2 U	2 U	2 U	2 U	360 J	830 U	96
SW8260	1,2-DICHLOROBENZENE	ug/kg	UJ	75 J	2 U	2 U	2 U	2 U	870 J	3400 J	260
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	UJ	73 UJ	2 J	2 U	2 U	2 U	130 J	830 U	96
SW8260	1,3-DICHLOROBENZENE	ug/kg	UJ	330 J	5 J	2 U	2 U	2 U	590 J	4300 J	810
SW8260	1,4-DICHLOROBENZENE	ug/kg	UJ	1700 J	15	4 J	2 U	4 J	4000 J	41000	5600
SW8260	BENZENE	ug/kg	J	510 J	4 J	1 J	0.8 U	1 J	1600 J	620 J	390
SW8260	CHLOROBENZENE	ug/kg	UJ	2600 J	31	10	2 U	19	16000 J	7300	3700
SW8260	ETHYLBENZENE	ug/kg	J	220 J	3 J	2 U	2 U	2 U	79 UJ	830 U	110
SW8260	NAPHTHALENE	ug/kg	J	4100 J	78	21	2 U	4 J	570 J	6700	2100
SW8260	O-XYLENE	ug/kg	J	270 J	10	2 J	2 U	2 U	180 J	1300 J	390
SW8260	TOLUENE	ug/kg	J	120 J	2 U	2 U	2 U	2 U	200 J	830 U	100
SW8260	XYLENES, M & P	ug/kg	J	440 J	12	2 J	2 U	2 U	290 J	3800 J	550
SW8260	XYLENES, TOTAL	ug/kg	J	710 J	22	4 J	2 U	2 U	470 J	5100 J	930
SW9045	pH	S.U.	J	7.52	7.54	7.48	7.74	7.42	7.9	7.97	7.82

TABLE 7B
SUMMARY OF POREWATER CENTRIFUGE RAW SEDIMENT ANALYTICAL RESULTS

ONONDAGA LAKE PDI:
 PHASE V DATA SUMMARY REPORT
 FINAL

	Location	OL-VC-70141	OL-VC-70141	OL-VC-70142						
	Sample Depth	6.00-8.00 Ft	8.00-10.00 Ft	0.00-2.00 Ft	2.00-4.00 Ft	4.00-6.00 Ft	6.00-8.00 Ft	8.00-10.00 Ft	0.00-2.00 Ft	0.00-2.00 Ft
	Field Sample ID	OL-1032-09	OL-1032-10	OL-1032-11	OL-1032-12	OL-1032-13	OL-1032-14	OL-1032-15	OL-1045-01	OL-1045-01
	Sample Date	9/29/2009	9/29/2009	9/29/2009	9/29/2009	9/29/2009	9/29/2009	9/29/2009	9/29/2009	10/2/2009
	Sample Delivery Group	OLS12	OLS16							
	Matrix	SOIL								
	Sample Purpose	Regular sample								
	Sample Type	Pore water								
Method	Parameter Name	Units								
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	44800	22700	35800	10100	20800	18900	23500	49200
SM2540G	PERCENT MOISTURE	%		42.7	47	42.4	34.9	46.6	46.5	46.1
SW7471	MERCURY	mg/kg	J	2.94 J	0.0868 J	4.47 J	0.109 J	0.0203 UJ	0.0203 UJ	0.0212 UJ
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	UJ	2 UJ	2 U	97 J	1 U	2 U	2 U	2 U
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	UJ	5 J	3 J	93 J	1 U	2 U	2 U	2 U
SW8260	1,2-DICHLOROBENZENE	ug/kg	J	36 J	9 J	91 J	1 U	2 U	2 U	2 U
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	UJ	3 J	2 U	83 UJ	1 U	2 U	2 U	2 U
SW8260	1,3-DICHLOROBENZENE	ug/kg	J	28 J	5 J	130 J	1 U	2 U	2 U	2 U
SW8260	1,4-DICHLOROBENZENE	ug/kg	J	220 J	41	970 J	4 J	2 U	2 U	2 U
SW8260	BENZENE	ug/kg	J	11 J	4 J	140 J	0.7 U	0.9 U	0.9 U	0.9 U
SW8260	CHLOROBENZENE	ug/kg	J	71 J	28	1500 J	7 J	2 U	2 U	2 U
SW8260	ETHYLBENZENE	ug/kg	J	15 J	2 J	83 UJ	1 U	2 U	2 U	2 U
SW8260	NAPHTHALENE	ug/kg	J	370 J	33	320 J	2 J	2 U	2 U	2 U
SW8260	O-XYLENE	ug/kg	J	51 J	8 J	83 UJ	1 U	2 U	2 U	2 U
SW8260	TOLUENE	ug/kg	J	7 J	2 J	110 J	1 U	2 U	2 U	2 U
SW8260	XYLENES, M & P	ug/kg	J	74 J	14	130 J	1 U	2 U	2 U	2 U
SW8260	XYLENES, TOTAL	ug/kg	J	90 J	22	130 J	1 U	2 U	2 U	2 U
SW9045	pH	S.U.		7.48	7.44	7.8	7.85	7.55	7.37	7.44
										7.71

TABLE 7B
SUMMARY OF POREWATER CENTRIFUGE RAW SEDIMENT ANALYTICAL RESULTS

	Location	OL-VC-70143	OL-VC-70143	OL-VC-70143	OL-VC-70143
Method	Parameter Name	Units			
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	J	82100 J	31900 J
SM2540G	PERCENT MOISTURE	%		55.2	52.4
SW7471	MERCURY	mg/kg	J	21.9 J	22.3 J
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	UJ	110 UJ	100 UJ
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	UJ	2500 J	140 J
SW8260	1,2-DICHLOROBENZENE	ug/kg	J	5500 J	470 J
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	J	250 J	100 UJ
SW8260	1,3-DICHLOROBENZENE	ug/kg	J	920 J	360 J
SW8260	1,4-DICHLOROBENZENE	ug/kg	J	11000 J	2700 J
SW8260	BENZENE	ug/kg	UJ	480 J	150 J
SW8260	CHLOROBENZENE	ug/kg	J	4000 J	1100 J
SW8260	ETHYLBENZENE	ug/kg	UJ	740 J	100 UJ
SW8260	NAPHTHALENE	ug/kg	J	9300 J	620 J
SW8260	O-XYLENE	ug/kg	J	1600 J	360 J
SW8260	TOLUENE	ug/kg	J	320 J	100 UJ
SW8260	XYLENES, M & P	ug/kg	J	4100 J	560 J
SW8260	XYLENES, TOTAL	ug/kg	J	5700 J	920 J
SW9045	pH	S.U.	J	7.78 J	7.7 J
					7.69
					7.56

TABLE 8
SUMMARY OF GROUNDWATER
CENTRIFUGE VIBRACORE ANALYTICAL RESULTS

Location	OL-VC-20187	OL-VC-20187	OL-VC-20187	OL-VC-20187	OL-VC-20187	OL-VC-20187	OL-VC-20187	OL-VC-20187	OL-VC-20187	OL-VC-20187	OL-VC-20187	OL-VC-20187
Sample Depth	0.00-0.25 Ft	0.25-0.50 Ft	0.50-0.75 Ft	0.75-1.00 Ft	1.00-1.25 Ft	1.25-1.50 Ft	1.50-1.75 Ft	2.00-2.50 Ft	3.00-3.50 Ft	4.00-4.50 Ft	5.00-5.50 Ft	
Field Sample ID	OL-1018-01	OL-1018-02	OL-1018-03	OL-1018-04	OL-1018-05	OL-1018-06	OL-1018-07	OL-1018-08	OL-1018-09	OL-1018-10	OL-1018-11	
Sample Date	8/31/2009	8/31/2009	8/31/2009	8/31/2009	8/31/2009	8/31/2009	8/31/2009	8/31/2009	8/31/2009	8/31/2009	8/31/2009	
Sample Delivery Group	JA26929	JA26929	JA26929	JA26929	JA26929	JA26929	JA26929	JA26929	JA26929	JA26929	JA26929	
Matrix	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	
Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	
Sample Type	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	
Method	Parameter Name	Units										
E300.0	CHLORIDE	mg/L	980	1250	1630	1860	2400	2650	3090	4640 J	6980 J	8590 J
E300.0	SULFATE	mg/L								160	165	158
E353.2	NITROGEN, NITRATE (AS N)	mg/L								0.12 U	0.12 U	0.12 U
E353.2	NITROGEN, NITRATE-NITRITE	mg/L								0.1 U	0.1 U	0.1 U
SM20-4500-HB	pH	S.U.										
SM2520B	SALINITY	Ratio	2	2.5	3.1	3.6	4.2	4.8	5.4	8	11.3	13.9
SM4500-NO2B	NITROGEN, NITRITE	ug/L								20 U	20 U	20 U
SM4500-PE	PHOSPHORUS, TOTAL ORTHOPHOSPHATE (AS P)	mg/l								0.41	0.1 U	0.1 U
SW6010	CALCIUM	mg/L								660	1380	1820
SW6010	IRON	mg/L								10.1	6.05	9.7
SW6010	MAGNESIUM	mg/L								340	325	306
SW6010	MANGANESE	mg/L								0.883	1.56	1.99
SW6010	POTASSIUM	mg/L								42.8	66.5	82.6
SW6010	SODIUM	mg/L								960	1520	1920
SW9050	Conductivity	umhos/cm	3690	4430	5500	6270	7360	8280	9150	13200	18300	22100
												23000

TABLE 8
SUMMARY OF GROUNDWATER
CENTRIFUGE VIBRACORE ANALYTICAL RESULTS

Location	OL-VC-20187	OL-VC-20187	OL-VC-20187	OL-VC-20188									
Sample Depth	6.00-6.50 Ft	7.50-8.00 Ft	9.00-9.50 Ft	0-0.25 Ft	0.25-0.5 Ft	0.5-0.75 Ft	0.75-1 Ft	1-1.25 Ft	1.25-1.5 Ft	1.5-1.75 Ft	2-2.5 Ft		
Field Sample ID	OL-1018-12	OL-1018-13	OL-1018-14	OL-0899-01	OL-0899-02	OL-0899-03	OL-0899-04	OL-0899-05	OL-0899-06	OL-0899-07	OL-0899-08		
Sample Date	8/31/2009	8/31/2009	8/31/2009	8/20/2009	8/20/2009	8/20/2009	8/20/2009	8/20/2009	8/20/2009	8/20/2009	8/20/2009	8/20/2009	
Sample Delivery Group	JA26929	JA26929	JA26929	JA26132									
Matrix	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	
Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	
Sample Type	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	
Method	Parameter Name	Units											
E300.0	CHLORIDE	mg/L	8200 J	7900 J	9080 J	5970	11400	13100	13900	15500	15900	16600	18300
E300.0	SULFATE	mg/L		247	144	29							910
E353.2	NITROGEN, NITRATE (AS N)	mg/L	0.89	1.1	0.59								0.11 U
E353.2	NITROGEN, NITRATE-NITRITE	mg/L	0.89	1.1	0.62								0.1 U
SM20-4500-HB	pH	S.U.											
SM2520B	SALINITY	Ratio	14.3	15	17	10.4	19.5	22	23	25.9	26.9	27.9	30.2
SM4500-NO2B	NITROGEN, NITRITE	ug/L		20 U	20 U	35							10 U
SM4500-PE	PHOSPHORUS, TOTAL ORTHOPHOSPHATE (AS P)	mg/l	0.1 U	0.95	0.45								0.062
SW6010	CALCIUM	mg/L	761	214	321								2830
SW6010	IRON	mg/L	5.53	3.68	1.22								2.13
SW6010	MAGNESIUM	mg/L	834	907	575								214
SW6010	MANGANESE	mg/L	0.588	0.324	0.558								0.219
SW6010	POTASSIUM	mg/L	111	114	137								95.7
SW6010	SODIUM	mg/L	2060	2100	2870								8240
SW9050	Conductivity	umhos/cm	22700	23600	26500	16900	30100	33600	34900	38900	40300	41600	44700

TABLE 8
SUMMARY OF GROUNDWATER
CENTRIFUGE VIBRACORE ANALYTICAL RESULTS

Location	OL-VC-20188	OL-VC-20188	OL-VC-20188	OL-VC-20188	OL-VC-20188	OL-VC-20188	OL-VC-20189	OL-VC-20189	OL-VC-20189	OL-VC-20189	OL-VC-20189	OL-VC-20189
Sample Depth	3-3.5 Ft	4-4.5 Ft	5-5.5 Ft	6-6.5 Ft	7.5-8 Ft	9-9.5 Ft	0-0.25 Ft	0.25-0.5 Ft	0.5-0.75 Ft	0.75-1 Ft	1-1.25 Ft	
Field Sample ID	OL-0899-09	OL-0899-10	OL-0899-11	OL-0899-12	OL-0899-13	OL-0899-14	OL-1001-01	OL-1001-02	OL-1001-03	OL-1001-04	OL-1001-05	
Sample Date	8/20/2009	8/20/2009	8/20/2009	8/20/2009	8/20/2009	8/20/2009	8/21/2009	8/21/2009	8/21/2009	8/21/2009	8/21/2009	
Sample Delivery Group	JA26132	JA26132	JA26132	JA26132	JA26132	JA26132	JA26255	JA26255	JA26255	JA26255	JA26255	
Matrix	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	
Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	
Sample Type	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	
Method	Parameter Name	Units										
E300.0	CHLORIDE	mg/L	20400	22300	22500	21300	22300	23300	6000	8530	9280	9920
E300.0	SULFATE	mg/L	1150	1260	1380	1690	1640	1590				
E353.2	NITROGEN, NITRATE (AS N)	mg/L	0.11 U			0.11 U						
E353.2	NITROGEN, NITRATE-NITRITE	mg/L	0.1 U									
SM20-4500-HB	pH	S.U.										
SM2520B	SALINITY	Ratio	33.1	36.7	37.5	35.3	37	39	10.7	15.6	17	18.4
SM4500-NO2B	NITROGEN, NITRITE	ug/L	10 U			10 U						
SM4500-PE	PHOSPHORUS, TOTAL ORTHOPHOSPHATE (AS P)	mg/l	0.094	0.05 U	0.094	0.05 U	0.05 U	0.05 U				
SW6010	CALCIUM	mg/L	3370	4100	3370	4160	4670	5090				
SW6010	IRON	mg/L	0.816	0.428	5.72	0.937	0.583	0.771				
SW6010	MAGNESIUM	mg/L	175	152	115	151	147	159				
SW6010	MANGANESE	mg/L	0.113	0.751	1.03	1.31	1.58	1.78				
SW6010	POTASSIUM	mg/L	98.2	97.2	72.4	92.9	105	106				
SW6010	SODIUM	mg/L	7950	7710	5450	8130	6640	8350				
SW9050	Conductivity	umhos/cm	48500	53100	54200	51300	53500	56100	17400	24600	26500	28600
												32600

TABLE 8
SUMMARY OF GROUNDWATER
CENTRIFUGE VIBRACORE ANALYTICAL RESULTS

Location	OL-VC-20189	OL-VC-20189	OL-VC-20189	OL-VC-20189	OL-VC-20189	OL-VC-20189	OL-VC-20189	OL-VC-20189	OL-VC-20189	OL-VC-20189	OL-VC-20190	OL-VC-20190	
Sample Depth	1.25-1.5 Ft	1.5-1.75 Ft	2-2.5 Ft	3-3.5 Ft	4-4.5 Ft	5-5.5 Ft	6-6.5 Ft	7.5-8 Ft	9-9.5 Ft	0.00-0.25 Ft	0.25-0.50 Ft		
Field Sample ID	OL-1001-06	OL-1001-07	OL-1001-08	OL-1001-09	OL-1001-10	OL-1001-11	OL-1001-12	OL-1001-13	OL-1001-14	OL-1018-15	OL-1018-16		
Sample Date	8/21/2009	8/21/2009	8/21/2009	8/21/2009	8/21/2009	8/21/2009	8/21/2009	8/21/2009	8/21/2009	8/31/2009	8/31/2009		
Sample Delivery Group	JA26255	JA26255	JA26255	JA26255	JA26255	JA26255	JA26255	JA26255	JA26255	JA26929	JA26929		
Matrix	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER		
Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample		
Sample Type	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water		
Method	Parameter Name	Units											
E300.0	CHLORIDE	mg/L	12400	13000	17000 J	22400 J	27600 J	33200 J	37600 J	40100 J	40500 J	2380	2870
E300.0	SULFATE	mg/L			1320	2020	2680	3430	3740	3780	3820		
E353.2	NITROGEN, NITRATE (AS N)	mg/L			0.11 U								
E353.2	NITROGEN, NITRATE-NITRITE	mg/L			0.1 U								
SM20-4500-HB	pH	S.U.											
SM2520B	SALINITY	Ratio	22.9	23.9	31.5	41.4	52.8	55.5	71	75.4	76.1	3.9	4.7
SM4500-NO2B	NITROGEN, NITRITE	ug/L			10 U								
SM4500-PE	PHOSPHORUS, TOTAL ORTHOPHOSPHATE (AS P)	mg/l			0.05 U	0.05 U	0.05 U						
SW6010	CALCIUM	mg/L			599	845	1030	1250	1360	1380	1370		
SW6010	IRON	mg/L			0.149 J	0.239 J	0.08 J	0.0834 J	0.193 J	0.351 J	0.392 J		
SW6010	MAGNESIUM	mg/L			129	153	178	201	204	209	202		
SW6010	MANGANESE	mg/L			0.0798	0.144	0.202	0.312	0.394	0.559	0.602		
SW6010	POTASSIUM	mg/L			71.6	92.7	112	135	148	164	163		
SW6010	SODIUM	mg/L			6140	7430	10300	12500	16500	16300	15500		
SW9050	Conductivity	umhos/cm	34800	36200	46400	59100	73200	86400	94300	99200	100000	6810	8120

TABLE 8
SUMMARY OF GROUNDWATER
CENTRIFUGE VIBRACORE ANALYTICAL RESULTS

Location	OL-VC-20190	OL-VC-20190	OL-VC-20190	OL-VC-20190	OL-VC-20190	OL-VC-20190	OL-VC-20190	OL-VC-20190	OL-VC-20190	OL-VC-20190	OL-VC-20190	OL-VC-20190	OL-VC-20190
Sample Depth	0.50-0.75 Ft	0.75-1.00 Ft	1.00-1.25 Ft	1.25-1.50 Ft	1.50-1.75 Ft	2.00-2.50 Ft	3.00-3.50 Ft	4.00-4.50 Ft	5.00-5.50 Ft	6.00-6.50 Ft	7.50-8.00 Ft		
Field Sample ID	OL-1018-17	OL-1018-18	OL-1018-19	OL-1018-20	OL-1019-01	OL-1019-02	OL-1019-03	OL-1019-04	OL-1019-05	OL-1019-06	OL-1019-07		
Sample Date	8/31/2009	8/31/2009	8/31/2009	8/31/2009	8/31/2009	8/31/2009	8/31/2009	8/31/2009	8/31/2009	8/31/2009	8/31/2009	8/31/2009	8/31/2009
Sample Delivery Group	JA26929	JA26929	JA26929	JA26929	JA26928								
Matrix	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER
Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
Sample Type	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water
Method	Parameter Name	Units											
E300.0	CHLORIDE	mg/L	3530	3640	4010	3500	4190	5180 J	7980 J	15500 J	22200 J	27700 J	31100 J
E300.0	SULFATE	mg/L						90.5	97.2	157	186	194	185
E353.2	NITROGEN, NITRATE (AS N)	mg/L						0.12 U	0.12 U	0.13	6.5	0.12 U	0.12 U
E353.2	NITROGEN, NITRATE-NITRITE	mg/L						0.1 U	0.1 U	0.13	6.5	0.1	0.1 U
SM20-4500-HB	pH	S.U.											
SM2520B	SALINITY	Ratio	5.6	6	6.6	6.8	7	9	14	27.4	37.4	45.4	52.3
SM4500-NO2B	NITROGEN, NITRITE	ug/L						20 U					
SM4500-PE	PHOSPHORUS, TOTAL ORTHOPHOSPHATE (AS P)	mg/l						0.05 U		0.05 U	0.05 U	0.05 U	0.05 U
SW6010	CALCIUM	mg/L						1460	2100	3880	5230	5820	6570
SW6010	IRON	mg/L						0.197 J	0.765 J	0.644 J	1.03	0.12 U	0.12 U
SW6010	MAGNESIUM	mg/L						0.964 J	3.82 J	3.59 J	7.01 J	0.37 U	0.37 U
SW6010	MANGANESE	mg/L						0.0116 J	0.0598	0.0572	0.0954	0.005 U	0.005 U
SW6010	POTASSIUM	mg/L						68.9	90.1	150	199	220	243
SW6010	SODIUM	mg/L						1860	2660	5740	7930	9150	11000
SW9050	Conductivity	umhos/cm	9590	10100	11000	11400	11700	14800	22200	41000	54100	64200	72600

TABLE 8
SUMMARY OF GROUNDWATER
CENTRIFUGE VIBRACORE ANALYTICAL RESULTS

Location	OL-VC-20190	OL-VC-30129	OL-VC-30129										
Sample Depth	9.00-9.50 Ft	0.00-0.25 Ft	0.25-0.50 Ft	0.50-0.75 Ft	0.75-1.00 Ft	1.00-1.25 Ft	1.25-1.50 Ft	1.50-1.75 Ft	2.00-2.50 Ft	3.00-3.50 Ft	4.00-4.50 Ft		
Field Sample ID	OL-1019-08	OL-1005-01	OL-1005-02	OL-1005-03	OL-1005-04	OL-1005-05	OL-1005-06	OL-1005-07	OL-1005-08	OL-1005-09	OL-1005-10		
Sample Date	8/31/2009	8/25/2009	8/25/2009	8/25/2009	8/25/2009	8/25/2009	8/25/2009	8/25/2009	8/25/2009	8/25/2009	8/25/2009		
Sample Delivery Group	JA26928	JA26428											
Matrix	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER		
Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample		
Sample Type	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water		
Method	Parameter Name	Units											
E300.0	CHLORIDE	mg/L	31700 J	2010	3250	2610	4040	4600	4930	5410	6350 J	7870 J	9230 J
E300.0	SULFATE	mg/L	179								102	113	84.9
E353.2	NITROGEN, NITRATE (AS N)	mg/L	0.18								0.11 U	0.11 U	0.11 U
E353.2	NITROGEN, NITRATE-NITRITE	mg/L	0.18								0.1 U	0.1 U	0.1 U
SM20-4500-HB	pH	S.U.											
SM2520B	SALINITY	Ratio	53.7	3.8	6.3	5	7.6	8.7	9	9.9	12.3	15.3	17.9
SM4500-NO2B	NITROGEN, NITRITE	ug/L	20 U								10 U	10 U	10 U
SM4500-PE	PHOSPHORUS, TOTAL ORTHOPHOSPHATE (AS P)	mg/l	0.05 U								0.29	0.45	0.75
SW6010	CALCIUM	mg/L	6240								485	450	481
SW6010	IRON	mg/L	1.88								6.14	4.18	1.71
SW6010	MAGNESIUM	mg/L	8.79 J								66.9	66.9	72.7
SW6010	MANGANESE	mg/L	0.143								0.258	0.114	0.0855
SW6010	POTASSIUM	mg/L	234								14.5	16.1	17.8
SW6010	SODIUM	mg/L	11900								2630	3100	4150
SW9050	Conductivity	umhos/cm	74300	6640	10600	8580	12700	14300	14800	16200	19800	24100	27800

TABLE 8
SUMMARY OF GROUNDWATER
CENTRIFUGE VIBRACORE ANALYTICAL RESULTS

Location	OL-VC-30129	OL-VC-30129	OL-VC-30129	OL-VC-30129	OL-VC-30130	OL-VC-30130							
Sample Depth	5.00-5.50 Ft	6.00-6.50 Ft	7.50-8.00 Ft	9.00-9.50 Ft	0.00-0.25 Ft	0.25-0.50 Ft	0.50-0.75 Ft	0.75-1.00 Ft	1.00-1.25 Ft	1.25-1.50 Ft	1.50-1.75 Ft		
Field Sample ID	OL-1005-11	OL-1005-12	OL-1005-13	OL-1005-14	OL-1003-15	OL-1003-16	OL-1003-17	OL-1003-18	OL-1003-19	OL-1003-20	OL-1004-01		
Sample Date	8/25/2009	8/25/2009	8/25/2009	8/25/2009	8/24/2009	8/24/2009	8/24/2009	8/24/2009	8/24/2009	8/24/2009	8/24/2009		
Sample Delivery Group	JA26428	JA26428	JA26428	JA26428	JA26320	JA26320	JA26320	JA26320	JA26320	JA26320	JA26321		
Matrix	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER		
Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample		
Sample Type	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water		
Method	Parameter Name	Units											
E300.0	CHLORIDE	mg/L	10300 J	11700 J	13800 J	15500 J	521	579	681	785	999	1220	1840
E300.0	SULFATE	mg/L	82.8	103	48.2	116							
E353.2	NITROGEN, NITRATE (AS N)	mg/L	0.11 U	0.11 U	0.11 U	0.11 U							
E353.2	NITROGEN, NITRATE-NITRITE	mg/L	0.1 U	0.1 U	0.1 U	0.1 U							
SM20-4500-HB	pH	S.U.					7.98 J	7.9 J	7.92 J	8.01 J	7.82 J	7.93 J	9.7 J
SM2520B	SALINITY	Ratio	20.1	22.3	25.6	30	1.3	1.5	1.6	1.8	2.2	2.4	3.3
SM4500-NO2B	NITROGEN, NITRITE	ug/L	10 U	10 U	10 U	10 U							
SM4500-PE	PHOSPHORUS, TOTAL ORTHOPHOSPHATE (AS P)	mg/l	0.23	0.34	0.81	0.8							
SW6010	CALCIUM	mg/L	395	438	514	531							
SW6010	IRON	mg/L	1.02	4.29	0.323 J	4.74							
SW6010	MAGNESIUM	mg/L	63.4	68.1	92.8	86.9							
SW6010	MANGANESE	mg/L	0.0508 J	0.104	0.102	0.128							
SW6010	POTASSIUM	mg/L	15.6	17.3	22.9	26							
SW6010	SODIUM	mg/L	3800	4260	7360	7840							
SW9050	Conductivity	umhos/cm	30900	34000	38500	44000	2490	2810	2990	3310	4010	4330	5830

TABLE 8
SUMMARY OF GROUNDWATER
CENTRIFUGE VIBRACORE ANALYTICAL RESULTS

TABLE 8
SUMMARY OF GROUNDWATER
CENTRIFUGE VIBRACORE ANALYTICAL RESULTS

Location	OL-VC-30131	OL-VC-30131	OL-VC-30131	OL-VC-30131	OL-VC-30131	OL-VC-30131	OL-VC-30131	OL-VC-30131	OL-VC-30131	OL-VC-30131	OL-VC-30131	OL-VC-30132	
Sample Depth	1-1.25 Ft	1.25-1.5 Ft	1.5-1.75 Ft	2-2.5 Ft	3-3.5 Ft	4-4.5 Ft	5-5.5 Ft	6-6.5 Ft	7.5-8 Ft	9-9.5 Ft	0.00-0.25 Ft		
Field Sample ID	OL-1001-19	OL-1001-20	OL-1002-01	OL-1002-02	OL-1002-03	OL-1002-04	OL-1002-05	OL-1002-06	OL-1002-07	OL-1002-08	OL-1003-01		
Sample Date	8/21/2009	8/21/2009	8/21/2009	8/21/2009	8/21/2009	8/21/2009	8/21/2009	8/21/2009	8/21/2009	8/21/2009	8/21/2009	8/24/2009	
Sample Delivery Group	JA26255	JA26255	JA26254	JA26320									
Matrix	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	
Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	
Sample Type	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	
Method	Parameter Name	Units											
E300.0	CHLORIDE	mg/L	2480	2700	2970	3360 J	4040 J	4330 J	4400 J	4450 J	4370 J	4250 J	650
E300.0	SULFATE	mg/L				102	118	135	153	164	166	153	
E353.2	NITROGEN, NITRATE (AS N)	mg/L				0.11 U	0.11 U	0.14	0.23	0.3	0.26	0.34	
E353.2	NITROGEN, NITRATE-NITRITE	mg/L				0.1 U	0.1 U	0.15	0.24	0.33	0.31	0.4	
SM20-4500-HB	pH	S.U.	11.6	11.67	11.74 J	11.82 J	11.9 J	11.96 J	12.06 J	12.06 J	12.09 J	12.12 J	9.41 J
SM2520B	SALINITY	Ratio	0.48	5.8	6.3	7.4	9.2	9.7	10.5	10.3	10.7	10.7	1.1
SM4500-NO2B	NITROGEN, NITRITE	ug/L				10 U	10 U	10 U	10	26	51	65	
SM4500-PE	PHOSPHORUS, TOTAL ORTHOPHOSPHATE (AS P)	mg/l				0.05 U							
SW6010	CALCIUM	mg/L				1250	1500	1470	1480	1570	1530	1550	
SW6010	IRON	mg/L				0.726	0.402 J	0.322 J	0.483 J	0.538	0.617	0.563	
SW6010	MAGNESIUM	mg/L				3.59 J	1.98 J	1.23 J	2.56 J	2.22 J	2.63 J	1.44 J	
SW6010	MANGANESE	mg/L				0.0568	0.039	0.0239	0.0287	0.0131 J	0.0154	0.0103 J	
SW6010	POTASSIUM	mg/L				68.6	113	126	146	175	211	248	
SW6010	SODIUM	mg/L				615	719	707	735	1140	1210	1270	
SW9050	Conductivity	umhos/cm	9330	9830	10700	12400	15100	15900	17000	16700	17300	17400	2160

TABLE 8
SUMMARY OF GROUNDWATER
CENTRIFUGE VIBRACORE ANALYTICAL RESULTS

Location	OL-VC-30132	OL-VC-30132	OL-VC-30132	OL-VC-30132	OL-VC-30132	OL-VC-30132	OL-VC-30132	OL-VC-30132	OL-VC-30132	OL-VC-30132	OL-VC-30132	OL-VC-30132												
Sample Depth	0.25-0.50 Ft	0.50-0.75 Ft	0.75-1.00 Ft	1.00-1.25 Ft	1.25-1.50 Ft	1.50-1.75 Ft	2.00-2.50 Ft	3.00-3.50 Ft	4.00-4.50 Ft	5.00-5.50 Ft	6.00-6.50 Ft													
Field Sample ID	OL-1003-02	OL-1003-03	OL-1003-04	OL-1003-05	OL-1003-06	OL-1003-07	OL-1003-08	OL-1003-09	OL-1003-10	OL-1003-11	OL-1003-12													
Sample Date	8/24/2009	8/24/2009	8/24/2009	8/24/2009	8/24/2009	8/24/2009	8/24/2009	8/24/2009	8/24/2009	8/24/2009	8/24/2009	8/24/2009												
Sample Delivery Group	JA26320	JA26320	JA26320	JA26320	JA26320	JA26320	JA26320	JA26320	JA26320	JA26320	JA26320	JA26320												
Matrix	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER												
Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample												
Sample Type	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water												
Method	Parameter Name	Units																						
E300.0	CHLORIDE	mg/L	739	893	1010	1140	1670	2080	2200	J	2360	J	2640	J	2800	J	2700	J						
E300.0	SULFATE	mg/L							66.5		65.3		74.2		62.5		51.3							
E353.2	NITROGEN, NITRATE (AS N)	mg/L							0.11	U	0.11	U			0.11	U								
E353.2	NITROGEN, NITRATE-NITRITE	mg/L							0.1	U	0.1	U	0.1	U	0.1	U	0.12	U						
SM20-4500-HB	pH	S.U.	9.89	J	10.88	J	11.2	J	11.38	J	11.54	J	11.88	J	11.91	J	11.92	J	12.22	J	12.28	J	12.33	J
SM2520B	SALINITY	Ratio	1.4		1.7		2		2.3		0.91		4.8		5.5		5.7		0.64		8.5		8.3	
SM4500-NO2B	NITROGEN, NITRITE	ug/L											10	U	10	U					10			
SM4500-PE	PHOSPHORUS, TOTAL ORTHOPHOSPHATE (AS P)	mg/l									0.05	U												
SW6010	CALCIUM	mg/L									471		489		908		911		879					
SW6010	IRON	mg/L									0.0502	J	0.537		3.4		0.0338	J	0.768					
SW6010	MAGNESIUM	mg/L									0.223	J	0.957	J	15.4		0.185	J	3.24	J				
SW6010	MANGANESE	mg/L									0.0017	J	0.017		0.237		0.0023	J	0.0588					
SW6010	POTASSIUM	mg/L									156		188		207		235		241					
SW6010	SODIUM	mg/L									867		922		960		988		976					
SW9050	Conductivity	umhos/cm	2590		3170		3640		4120		4730		8240		9370		9670		12300		14000		13700	

TABLE 8
SUMMARY OF GROUNDWATER
CENTRIFUGE VIBRACORE ANALYTICAL RESULTS

Location	OL-VC-30132	OL-VC-30132	OL-VC-30133								
Sample Depth	7.50-8.00 Ft	9.00-9.50 Ft	0.00-0.25 Ft	0.25-0.50 Ft	0.50-0.75 Ft	0.75-1.00 Ft	1.00-1.25 Ft	1.25-1.50 Ft	1.50-1.75 Ft	1.50-1.75 Ft	
Field Sample ID	OL-1003-13	OL-1003-14	OL-1004-09	OL-1004-10	OL-1004-11	OL-1004-12	OL-1004-13	OL-1004-14	OL-1004-15	OL-1004-15	
Sample Date	8/24/2009	8/24/2009	8/24/2009	8/24/2009	8/24/2009	8/24/2009	8/24/2009	8/24/2009	8/24/2009	8/24/2009	
Sample Delivery Group	JA26320	JA26320	JA26321								
Matrix	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	
Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	
Sample Type	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	
Method	Parameter Name	Units									
E300.0	CHLORIDE	mg/L	2770 J	2610 J	977	1420	2060	2570	2980	3210	3590
E300.0	SULFATE	mg/L	47.4	69.7							
E353.2	NITROGEN, NITRATE (AS N)	mg/L									
E353.2	NITROGEN, NITRATE-NITRITE	mg/L	0.22 U	0.19 U							
SM20-4500-HB	pH	S.U.	12.24 J	12.31 J	7.9 J	7.97 J	8.75 J	9.8 J	10.4 J	10.74 J	11.06 J
SM2520B	SALINITY	Ratio	8.1	8.6	2	2.7	3.7	4.5	5.1	5.8	6.5
SM4500-NO2B	NITROGEN, NITRITE	ug/L									
SM4500-PE	PHOSPHORUS, TOTAL ORTHOPHOSPHATE (AS P)	mg/l									
SW6010	CALCIUM	mg/L	940	793							
SW6010	IRON	mg/L	1.97	0.761							
SW6010	MAGNESIUM	mg/L	8.16	3.62 J							
SW6010	MANGANESE	mg/L	0.142	0.0576							
SW6010	POTASSIUM	mg/L	269	254							
SW6010	SODIUM	mg/L	1050	1020							
SW9050	Conductivity	umhos/cm	13400	14200	3610	4830	6530	7780	8700	9780	10900

TABLE 8
SUMMARY OF GROUNDWATER
CENTRIFUGE VIBRACORE ANALYTICAL RESULTS

Location	OL-VC-30133	OL-VC-30133	OL-VC-30133	OL-VC-30133	OL-VC-30133	OL-VC-30133	OL-VC-30133	OL-VC-30133	OL-VC-40238	OL-VC-40238	OL-VC-40238	OL-VC-40238
Sample Depth	2.00-2.50 Ft	3.00-3.50 Ft	4.00-4.50 Ft	5.00-5.50 Ft	6.00-6.50 Ft	7.50-8.00 Ft	9.00-9.50 Ft	0.00-0.25 Ft	0.25-0.50 Ft	0.50-0.75 Ft	0.75-1.00 Ft	
Field Sample ID	OL-1004-16	OL-1004-17	OL-1004-18	OL-1004-20	OL-1004-19	OL-1004-21	OL-1004-22	OL-1007-03	OL-1007-04	OL-1007-05	OL-1007-06	
Sample Date	8/24/2009	8/24/2009	8/24/2009	8/24/2009	8/24/2009	8/24/2009	8/24/2009	8/25/2009	8/25/2009	8/25/2009	8/25/2009	
Sample Delivery Group	JA26321	JA26321	JA26321	JA26321	JA26321	JA26321	JA26321	JA26430	JA26430	JA26430	JA26430	
Matrix	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	
Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	
Sample Type	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	
Method	Parameter Name	Units										
E300.0	CHLORIDE	mg/L	5410 J	6910 J	9540 J	10800 J	13200 J	16200 J	21700 J	2450	4900	8310
E300.0	SULFATE	mg/L	180	232	275	275	306	272	98.4			
E353.2	NITROGEN, NITRATE (AS N)	mg/L	0.12 U	0.12	0.14	0.12	0.12	0.12 U	0.12 U			
E353.2	NITROGEN, NITRATE-NITRITE	mg/L	0.1 U	0.13	0.14	0.12	0.12	0.1 U	0.1 U			
SM20-4500-HB	pH	S.U.	11.69	11.86	11.88	11.9	11.85	11.77	10.98			
SM2520B	SALINITY	Ratio	10.5	14.6	18.9	21.8	25.2	30.7	40.9	5.3	9.9	15.6
SM4500-NO2B	NITROGEN, NITRITE	ug/L	20 U									
SM4500-PE	PHOSPHORUS, TOTAL ORTHOPHOSPHATE (AS P)	mg/l	0.1 U									
SW6010	CALCIUM	mg/L	907	1050	1000	916	812	608	97.5			
SW6010	IRON	mg/L	0.942	0.418 J	0.416 J	1.02	0.85	0.922	0.633			
SW6010	MAGNESIUM	mg/L	4.89 J	2.19 J	1.82 J	3.83 J	4.21 J	3.38 J	1.37 J			
SW6010	MANGANESE	mg/L	0.0778	0.0319 J	0.0314 J	0.0716 J	0.0343 J	0.061 J	0.021 J			
SW6010	POTASSIUM	mg/L	27.7	36.9	45.3	49.4	51.1	51.9	54.3			
SW6010	SODIUM	mg/L	1980	2650	3670	5710	6760	9320	11700			
SW9050	Conductivity	umhos/cm	17000	23100	29200	33300	38000	45400	58500	9090	16200	24600
												34700

TABLE 8
SUMMARY OF GROUNDWATER
CENTRIFUGE VIBRACORE ANALYTICAL RESULTS

Location	OL-VC-40238	OL-VC-40238	OL-VC-40238	OL-VC-40238	OL-VC-40238	OL-VC-40238	OL-VC-40238	OL-VC-40238	OL-VC-40238	OL-VC-40238	OL-VC-40238	OL-VC-40238	
Sample Depth	1.00-1.25 Ft	1.25-1.50 Ft	1.50-1.75 Ft	2.00-2.50 Ft	3.00-3.50 Ft	4.00-4.50 Ft	5.00-5.50 Ft	6.00-6.50 Ft	7.50-8.00 Ft	9.00-9.50 Ft	0.00-0.25 Ft		
Field Sample ID	OL-1007-07	OL-1007-08	OL-1007-09	OL-1007-10	OL-1007-11	OL-1007-12	OL-1007-13	OL-1007-14	OL-1007-15	OL-1007-16	OL-1009-01		
Sample Date	8/25/2009	8/25/2009	8/25/2009	8/25/2009	8/25/2009	8/25/2009	8/25/2009	8/25/2009	8/25/2009	8/25/2009	8/25/2009	8/26/2009	
Sample Delivery Group	JA26430	JA26430	JA26430	JA26430	JA26430	JA26430	JA26430	JA26430	JA26430	JA26430	JA26430	JA26544	
Matrix	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	
Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	
Sample Type	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	
Method	Parameter Name	Units											
E300.0	CHLORIDE	mg/L	15600	18300	22100	22800 J	30100 J	36600 J	38300 J	38200 J	40400 J	39200 J	2160
E300.0	SULFATE	mg/L				2470	2950	3200	3190	3110	3190	3090	
E353.2	NITROGEN, NITRATE (AS N)	mg/L				0.11 U							
E353.2	NITROGEN, NITRATE-NITRITE	mg/L				0.1 U							
SM20-4500-HB	pH	S.U.											
SM2520B	SALINITY	Ratio	28.6	33	36.1	43.5	56.2	68.8	73	75.8	73.4	73.1	4.4
SM4500-NO2B	NITROGEN, NITRITE	ug/L				10 U							
SM4500-PE	PHOSPHORUS, TOTAL ORTHOPHOSPHATE (AS P)	mg/l				0.05 U							
SW6010	CALCIUM	mg/L				1040	1260	1460	1540	1550	1580	1520	
SW6010	IRON	mg/L				0.215 J	0.55	0.308 J	0.187 J	1.09	1	0.792	
SW6010	MAGNESIUM	mg/L				178	209	251	262	258	257	247	
SW6010	MANGANESE	mg/L				0.26	0.378	0.332	0.325	0.406	0.58	0.745	
SW6010	POTASSIUM	mg/L				117	144	171	181	187	195	190	
SW6010	SODIUM	mg/L				15000	18800	22800	23200	23500	24200	24000	
SW9050	Conductivity	umhos/cm	42600	48400	52400	61800	77300	91800	96600	99700	97000	96700	7680

TABLE 8
SUMMARY OF GROUNDWATER
CENTRIFUGE VIBRACORE ANALYTICAL RESULTS

Location	OL-VC-40239	OL-VC-40239	OL-VC-40239	OL-VC-40239	OL-VC-40239	OL-VC-40239	OL-VC-40239	OL-VC-40239	OL-VC-40239	OL-VC-40239	OL-VC-40239	OL-VC-40239	
Sample Depth	0.25-0.50 Ft	0.50-0.75 Ft	0.75-1.00 Ft	1.00-1.25 Ft	1.25-1.50 Ft	1.50-1.75 Ft	2.00-2.50 Ft	3.00-3.50 Ft	4.00-4.50 Ft	5.00-5.50 Ft	6.00-6.50 Ft		
Field Sample ID	OL-1009-02	OL-1009-03	OL-1009-04	OL-1009-05	OL-1009-06	OL-1009-07	OL-1009-08	OL-1009-09	OL-1009-10	OL-1009-11	OL-1009-12		
Sample Date	8/26/2009	8/26/2009	8/26/2009	8/26/2009	8/26/2009	8/26/2009	8/26/2009	8/26/2009	8/26/2009	8/26/2009	8/26/2009		
Sample Delivery Group	JA26544	JA26544	JA26544	JA26544	JA26544	JA26544	JA26544	JA26544	JA26544	JA26544	JA26544		
Matrix	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER		
Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample		
Sample Type	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water		
Method	Parameter Name	Units											
E300.0	CHLORIDE	mg/L	3450	5780	7880	9970	11700	12700	17700 J	23800 J	27800 J	31200 J	34100 J
E300.0	SULFATE	mg/L							1230	1620	1820	1970	2010
E353.2	NITROGEN, NITRATE (AS N)	mg/L							0.11 U	0.11 U	0.11 U	0.11 U	0.11 U
E353.2	NITROGEN, NITRATE-NITRITE	mg/L							0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
SM20-4500-HB	pH	S.U.											
SM2520B	SALINITY	Ratio	6.7	10.3	14.2	19.5	23	23.2	34.3	45	54.5	59.4	64
SM4500-NO2B	NITROGEN, NITRITE	ug/L							10 U	10 U	10 U	10 U	10 U
SM4500-PE	PHOSPHORUS, TOTAL ORTHOPHOSPHATE (AS P)	mg/l							0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
SW6010	CALCIUM	mg/L							695	841	910	915	966
SW6010	IRON	mg/L							0.679	0.991	0.344 J	1.08	0.719
SW6010	MAGNESIUM	mg/L							160	203	239	245	278
SW6010	MANGANESE	mg/L							0.1	0.0908	0.062	0.102	0.092
SW6010	POTASSIUM	mg/L							60.2	80.6	93.6	104	123
SW6010	SODIUM	mg/L							9600	12400	14000	14700	17900
SW9050	Conductivity	umhos/cm	11200	16800	22600	30100	34900	35200	50000	63700	75200	81100	86400

TABLE 8
SUMMARY OF GROUNDWATER
CENTRIFUGE VIBRACORE ANALYTICAL RESULTS

Location	OL-VC-40239	OL-VC-40239	OL-VC-40240	OL-VC-40240									
Sample Depth	7.50-8.00 Ft	9.00-9.50 Ft	0.00-0.25 Ft	0.25-0.50 Ft	0.50-0.75 Ft	0.75-1.00 Ft	1.00-1.25 Ft	1.25-1.50 Ft	1.50-1.75 Ft	2.00-2.50 Ft	3.00-3.50 Ft		
Field Sample ID	OL-1009-13	OL-1009-14	OL-1015-01	OL-1015-02	OL-1015-03	OL-1015-04	OL-1015-05	OL-1015-06	OL-1015-07	OL-1015-08	OL-1015-09		
Sample Date	8/26/2009	8/26/2009	8/28/2009	8/28/2009	8/28/2009	8/28/2009	8/28/2009	8/28/2009	8/28/2009	8/28/2009	8/28/2009		
Sample Delivery Group	JA26544	JA26544	JA26808										
Matrix	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER		
Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample		
Sample Type	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water		
Method	Parameter Name	Units											
E300.0	CHLORIDE	mg/L	37700 J	40600 J	1620	1950	2080	2190	2690	2900	3270	3870 J	5660 J
E300.0	SULFATE	mg/L	2090	2160								61.3	131
E353.2	NITROGEN, NITRATE (AS N)	mg/L	0.11 U	0.11 U								6.5	0.81
E353.2	NITROGEN, NITRATE-NITRITE	mg/L	0.1 U	0.1 U								6.5	0.81
SM20-4500-HB	pH	S.U.											
SM2520B	SALINITY	Ratio	73	75.8	3.2	3.5	3.8	4	4.6	5.2	5.8	7.6	10.2
SM4500-NO2B	NITROGEN, NITRITE	ug/L	10 U	10 U								20 U	20 U
SM4500-PE	PHOSPHORUS, TOTAL ORTHOPHOSPHATE (AS P)	mg/l	0.05 U	0.05 U								0.17	0.31
SW6010	CALCIUM	mg/L	1010	1080								105	184
SW6010	IRON	mg/L	1.07	0.621								0.57	1.29
SW6010	MAGNESIUM	mg/L	291	321								236	223
SW6010	MANGANESE	mg/L	0.157	0.179								0.0828	0.152
SW6010	POTASSIUM	mg/L	134	150								33.7 J	36.2 J
SW6010	SODIUM	mg/L	19000	22900								1820	2410
SW9050	Conductivity	umhos/cm	96600	99700	5660	6140	6600	7010	7950	8850	9810	12600	16600

TABLE 8
SUMMARY OF GROUNDWATER
CENTRIFUGE VIBRACORE ANALYTICAL RESULTS

Location	OL-VC-40240	OL-VC-40240	OL-VC-40240	OL-VC-40240	OL-VC-40240	OL-VC-40241	OL-VC-40241	OL-VC-40241	OL-VC-40241	OL-VC-40241	OL-VC-40241	OL-VC-40241	
Sample Depth	4.00-4.50 Ft	5.00-5.50 Ft	6.00-6.50 Ft	7.50-8.00 Ft	9.00-9.50 Ft	0.00-0.25 Ft	0.25-0.50 Ft	0.50-0.75 Ft	0.75-1.00 Ft	1.00-1.25 Ft	1.25-1.50 Ft		
Field Sample ID	OL-1015-10	OL-1015-11	OL-1015-12	OL-1015-13	OL-1015-14	OL-1015-15	OL-1015-16	OL-1015-17	OL-1015-18	OL-1015-19	OL-1015-20		
Sample Date	8/28/2009	8/28/2009	8/28/2009	8/28/2009	8/28/2009	8/28/2009	8/28/2009	8/28/2009	8/28/2009	8/28/2009	8/28/2009		
Sample Delivery Group	JA26808	JA26808	JA26808	JA26808	JA26808	JA26808	JA26808	JA26808	JA26808	JA26808	JA26808		
Matrix	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER		
Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample		
Sample Type	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water		
Method	Parameter Name	Units											
E300.0	CHLORIDE	mg/L	7190 J	9220 J	10900 J	13600 J	16800 J	854	1320	1650	1860	2260	2740
E300.0	SULFATE	mg/L	59.3	92.8	168	334	480						
E353.2	NITROGEN, NITRATE (AS N)	mg/L	0.12 U	0.12 U	0.52 U	0.12 U	1						
E353.2	NITROGEN, NITRATE-NITRITE	mg/L	0.1 U	0.1 U	0.5 U	0.1 U	1						
SM20-4500-HB	pH	S.U.											
SM2520B	SALINITY	Ratio	13.2	16.9	19.9	25.6	31	1.8	2.5	2.9	3.3	4	4.5
SM4500-NO2B	NITROGEN, NITRITE	ug/L	20 U										
SM4500-PE	PHOSPHORUS, TOTAL ORTHOPHOSPHATE (AS P)	mg/l	0.1 U										
SW6010	CALCIUM	mg/L	205	277	307	368	411						
SW6010	IRON	mg/L	0.188 J	0.244 J	0.251 J	0.171 J	0.226 J						
SW6010	MAGNESIUM	mg/L	192	152	124	125	137						
SW6010	MANGANESE	mg/L	0.0876	0.0954	0.0828	0.0688	0.0806						
SW6010	POTASSIUM	mg/L	55.3	57.8	59.7	66.1	73.9						
SW6010	SODIUM	mg/L	4340	5630	6410	7370	9600						
SW9050	Conductivity	umhos/cm	21100	26400	30600	38500	45600	3250	4520	5210	5800	6890	7800

TABLE 8
SUMMARY OF GROUNDWATER
CENTRIFUGE VIBRACORE ANALYTICAL RESULTS

Location	OL-VC-40241	OL-VC-40241	OL-VC-40241	OL-VC-40241	OL-VC-40241	OL-VC-40241	OL-VC-40241	OL-VC-40241	OL-VC-40241	OL-VC-40242	OL-VC-40242	OL-VC-40242
Sample Depth	1.50-1.75 Ft	2.00-2.50 Ft	3.00-3.50 Ft	4.00-4.50 Ft	5.00-5.50 Ft	6.00-6.50 Ft	7.50-8.00 Ft	8.00-8.50 Ft	0.00-0.25 Ft	0.25-0.50 Ft	0.50-0.75 Ft	
Field Sample ID	OL-1016-01	OL-1016-02	OL-1016-03	OL-1016-04	OL-1016-05	OL-1016-06	OL-1016-07	OL-1016-08	OL-1016-09	OL-1016-10	OL-1016-11	
Sample Date	8/28/2009	8/28/2009	8/28/2009	8/28/2009	8/28/2009	8/28/2009	8/28/2009	8/28/2009	8/28/2009	8/28/2009	8/28/2009	8/28/2009
Sample Delivery Group	JA26807	JA26807	JA26807	JA26807	JA26807	JA26807	JA26807	JA26807	JA26807	JA26807	JA26807	JA26807
Matrix	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER
Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
Sample Type	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water
Method	Parameter Name	Units										
E300.0	CHLORIDE	mg/L	2780	3300 J	3790 J	3920 J	4470 J	4740 J	5160 J	5680 J	2360	3050
E300.0	SULFATE	mg/L		30	28.9	98.5	75	18.7	19.7	8 U		
E353.2	NITROGEN, NITRATE (AS N)	mg/L		0.11 U	0.11 U	0.13	21.9	8.4	1.8	0.14		
E353.2	NITROGEN, NITRATE-NITRITE	mg/L		0.1 U	0.1 U	0.13	21.9	8.4	1.8	0.14		
SM20-4500-HB	pH	S.U.										
SM2520B	SALINITY	Ratio	4.8	6	6.7	7.4	8.2	8.7	9.3	9.8	4.4	5.5
SM4500-NO2B	NITROGEN, NITRITE	ug/L		10 U								
SM4500-PE	PHOSPHORUS, TOTAL ORTHOPHOSPHATE (AS P)	mg/l		0.1 U	0.1 U	0.56	0.1 U	0.1 U	0.1 U	0.1 U		
SW6010	CALCIUM	mg/L		608	570	781	966	992	1120	1190		
SW6010	IRON	mg/L		2.27	1.7	2.77	2.7	1.76	0.506	0.122 J		
SW6010	MAGNESIUM	mg/L		255	242	187	104	58	38.3	31		
SW6010	MANGANESE	mg/L		0.236	0.208	0.461	0.439	0.136	0.0534 J	0.0256 J		
SW6010	POTASSIUM	mg/L		66.6	83.8	111	122	125	146	153		
SW6010	SODIUM	mg/L		717	854	1010	1110	1130	1660	1800		
SW9050	Conductivity	umhos/cm	8230	10200	11300	12400	13600	14300	15200	16000	7590	9350
												10600

TABLE 8
SUMMARY OF GROUNDWATER
CENTRIFUGE VIBRACORE ANALYTICAL RESULTS

Location	OL-VC-40242	OL-VC-40242	OL-VC-40242	OL-VC-40242	OL-VC-40242	OL-VC-40242	OL-VC-40242	OL-VC-40242	OL-VC-40242	OL-VC-40242	OL-VC-40242	OL-VC-40242	
Sample Depth	0.75-1.00 Ft	1.00-1.25 Ft	1.25-1.50 Ft	1.50-1.75 Ft	2.00-2.50 Ft	3.00-3.50 Ft	4.00-4.50 Ft	5.00-5.50 Ft	6.00-6.50 Ft	7.50-8.00 Ft	9.00-9.50 Ft		
Field Sample ID	OL-1016-12	OL-1016-13	OL-1016-14	OL-1016-15	OL-1016-16	OL-1016-17	OL-1016-18	OL-1016-19	OL-1016-20	OL-1017-01	OL-1017-02		
Sample Date	8/28/2009	8/28/2009	8/28/2009	8/28/2009	8/28/2009	8/28/2009	8/28/2009	8/28/2009	8/28/2009	8/28/2009	8/28/2009	8/28/2009	
Sample Delivery Group	JA26807	JA26807	JA26807	JA26807	JA26807	JA26807	JA26807	JA26807	JA26807	JA26807	JA26807	JA26806	
Matrix	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	
Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	
Sample Type	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	
Method	Parameter Name	Units											
E300.0	CHLORIDE	mg/L	4000	4750	5310	5860	6930 J	8470 J	9980 J	11700 J	12800 J	14300 J	18500 J
E300.0	SULFATE	mg/L					452	542	663	685	726	745	894
E353.2	NITROGEN, NITRATE (AS N)	mg/L					0.11 U	0.11 U	0.12 U	0.12 U	0.22 U	0.11 U	3.9
E353.2	NITROGEN, NITRATE-NITRITE	mg/L					0.1 U	0.1 U	0.1 U	0.1 U	0.2 U	0.1 U	3.9
SM20-4500-HB	pH	S.U.											
SM2520B	SALINITY	Ratio	7.3	8.5	9.5	10.4	12.4	15.9	18.8	21.1	23.6	27.9	32.6
SM4500-NO2B	NITROGEN, NITRITE	ug/L					10 U	10 U	20 U	20 U	20 U	10 U	10 U
SM4500-PE	PHOSPHORUS, TOTAL ORTHOPHOSPHATE (AS P)	mg/l					0.1 U	0.05 U	0.05 U				
SW6010	CALCIUM	mg/L					349	392	358	406	434	511	433
SW6010	IRON	mg/L					0.049 U	0.049 U	0.162 J	0.0776 J	0.0812 J	0.435	0.416
SW6010	MAGNESIUM	mg/L					83.2	92.8	83.3	104	119	166	133
SW6010	MANGANESE	mg/L					0.0294 J	0.0266 J	0.0332 J	0.0266 J	0.0322 J	0.0416 J	0.038 J
SW6010	POTASSIUM	mg/L					22.3 J	25.8 J	23.8 J	29.4 J	35 J	46	37.4 J
SW6010	SODIUM	mg/L					4420	5430	5590	6720	8240	9360	7550
SW9050	Conductivity	umhos/cm	12200	14100	15500	16900	19900	24900	29100	32300	35600	41600	47900

TABLE 8
SUMMARY OF GROUNDWATER
CENTRIFUGE VIBRACORE ANALYTICAL RESULTS

Location	OL-VC-40243	OL-VC-40243	OL-VC-40243	OL-VC-40243	OL-VC-40243	OL-VC-40243	OL-VC-40243	OL-VC-40243	OL-VC-40243	OL-VC-40243	OL-VC-40243	OL-VC-40243
Sample Depth	0.00-0.25 Ft	0.25-0.50 Ft	0.50-0.75 Ft	0.75-1.00 Ft	1.00-1.25 Ft	1.25-1.50 Ft	1.50-1.75 Ft	2.00-2.50 Ft	3.00-3.50 Ft	4.00-4.50 Ft	5.00-5.50 Ft	
Field Sample ID	OL-1017-03	OL-1017-04	OL-1017-05	OL-1017-06	OL-1017-07	OL-1017-08	OL-1017-09	OL-1017-10	OL-1017-11	OL-1017-12	OL-1017-13	
Sample Date	8/28/2009	8/28/2009	8/28/2009	8/28/2009	8/28/2009	8/28/2009	8/28/2009	8/28/2009	8/28/2009	8/28/2009	8/28/2009	
Sample Delivery Group	JA26806	JA26806	JA26806	JA26806	JA26806	JA26806	JA26806	JA26806	JA26806	JA26806	JA26806	
Matrix	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	
Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	
Sample Type	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	
Method	Parameter Name	Units										
E300.0	CHLORIDE	mg/L	664	665	1050	1350	3020	3500	4490	5750 J	8680 J	9790 J
E300.0	SULFATE	mg/L								73.5	104	20 U
E353.2	NITROGEN, NITRATE (AS N)	mg/L								0.11 U	0.11 U	0.11 U
E353.2	NITROGEN, NITRATE-NITRITE	mg/L								0.1 U	0.1 U	0.1 U
SM20-4500-HB	pH	S.U.										
SM2520B	SALINITY	Ratio	1.7	1.6	2.2	3.1	12	17	5.3	6.2	7.7	19.2
SM4500-NO2B	NITROGEN, NITRITE	ug/L								10 U	10 U	10 U
SM4500-PE	PHOSPHORUS, TOTAL ORTHOPHOSPHATE (AS P)	mg/l								0.65	0.18	0.05 U
SW6010	CALCIUM	mg/L								377	1140	999
SW6010	IRON	mg/L								3.94	12.4	0.306 J
SW6010	MAGNESIUM	mg/L								477	550	575
SW6010	MANGANESE	mg/L								0.299	0.804	0.109
SW6010	POTASSIUM	mg/L								26.2 J	37.9 J	41.8
SW6010	SODIUM	mg/L								2050	3660	5080
SW9050	Conductivity	umhos/cm	3160	2980	4000	5490	9120	10400	12800	19300	26500	29700
												33800

TABLE 8
SUMMARY OF GROUNDWATER
CENTRIFUGE VIBRACORE ANALYTICAL RESULTS

Location	OL-VC-40243	OL-VC-40243	OL-VC-40243	OL-VC-40244	OL-VC-40244	OL-VC-40244							
Sample Depth	6.00-6.50 Ft	7.50-8.00 Ft	9.00-9.50 Ft	0.00-0.25 Ft	0.25-0.50 Ft	0.50-0.75 Ft	0.75-1.00 Ft	1.00-1.25 Ft	1.25-1.50 Ft	1.50-1.75 Ft	2.00-2.50 Ft		
Field Sample ID	OL-1017-14	OL-1017-15	OL-1017-16	OL-1010-09	OL-1010-10	OL-1010-11	OL-1010-12	OL-1010-13	OL-1010-14	OL-1010-15	OL-1010-16		
Sample Date	8/28/2009	8/28/2009	8/28/2009	8/26/2009	8/26/2009	8/26/2009	8/26/2009	8/26/2009	8/26/2009	8/26/2009	8/26/2009		
Sample Delivery Group	JA26806	JA26806	JA26806	JA26546									
Matrix	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER		
Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample		
Sample Type	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water		
Method	Parameter Name	Units											
E300.0	CHLORIDE	mg/L	14300 J	16100 J	17100 J	38700	51500	56000	56800	57600	57100	57100	62100 J
E300.0	SULFATE	mg/L	126	232	312								60 U
E353.2	NITROGEN, NITRATE (AS N)	mg/L	0.11 U	11	1								0.12 U
E353.2	NITROGEN, NITRATE-NITRITE	mg/L	0.1 U	11	1								0.1 U
SM20-4500-HB	pH	S.U.											
SM2520B	SALINITY	Ratio	27	31.9	36.6	64.5	84.4	92	94.9	94.9	94	94.9	94.9
SM4500-NO2B	NITROGEN, NITRITE	ug/L	10 U	10 U	10 U								20 U
SM4500-PE	PHOSPHORUS, TOTAL ORTHOPHOSPHATE (AS P)	mg/l	0.05 U	0.1 U	0.1 U								0.1 U
SW6010	CALCIUM	mg/L	2040	4070	5210								25100
SW6010	IRON	mg/L	0.158 J	0.143 J	0.301 J								3.67
SW6010	MAGNESIUM	mg/L	365	348	336								41.5
SW6010	MANGANESE	mg/L	0.121	0.147	0.159								2.61
SW6010	POTASSIUM	mg/L	41.6	49.4	54								318
SW6010	SODIUM	mg/L	6750	8200	9780								12100
SW9050	Conductivity	umhos/cm	40400	46900	52900	87000	109000	117000	120000	120000	119000	120000	120000

TABLE 8
SUMMARY OF GROUNDWATER
CENTRIFUGE VIBRACORE ANALYTICAL RESULTS

Location	OL-VC-40244	OL-VC-40244	OL-VC-40244	OL-VC-40244	OL-VC-40244	OL-VC-40244	OL-VC-40245	OL-VC-40245	OL-VC-40245	OL-VC-40245	OL-VC-40245	OL-VC-40245	
Sample Depth	3.00-3.50 Ft	4.00-4.50 Ft	5.00-5.50 Ft	6.00-6.50 Ft	7.50-8.00 Ft	9.00-9.50 Ft	0.00-0.25 Ft	0.25-0.50 Ft	0.50-0.75 Ft	0.75-1.00 Ft	1.00-1.25 Ft		
Field Sample ID	OL-1010-17	OL-1010-18	OL-1010-19	OL-1010-20	OL-1011-01	OL-1011-02	OL-1006-09	OL-1006-10	OL-1006-11	OL-1006-12	OL-1006-13		
Sample Date	8/26/2009	8/26/2009	8/26/2009	8/26/2009	8/26/2009	8/26/2009	8/25/2009	8/25/2009	8/25/2009	8/25/2009	8/25/2009	8/25/2009	
Sample Delivery Group	JA26546	JA26546	JA26546	JA26546	JA26545	JA26545	JA26429	JA26429	JA26429	JA26429	JA26429		
Matrix	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	
Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	
Sample Type	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	
Method	Parameter Name	Units											
E300.0	CHLORIDE	mg/L	62200 J	60900 J	61200 J	61100 J	53800 J	54600 J	711	1060	1580	1880	2210
E300.0	SULFATE	mg/L	60 U	70 U									
E353.2	NITROGEN, NITRATE (AS N)	mg/L	0.12 U										
E353.2	NITROGEN, NITRATE-NITRITE	mg/L	0.1 U										
SM20-4500-HB	pH	S.U.											
SM2520B	SALINITY	Ratio	95.9	94.9	94	93	77	91	1.7	2.2	3	3.5	4
SM4500-NO2B	NITROGEN, NITRITE	ug/L	20 U										
SM4500-PE	PHOSPHORUS, TOTAL ORTHOPHOSPHATE (AS P)	mg/l	0.1 U	0.1 U	0.1 U	0.1 U	0.05 U	0.05 U					
SW6010	CALCIUM	mg/L	24000	23100	22600	24600	20400	20800					
SW6010	IRON	mg/L	2.08	3.71	2.47	1.85	1.79	1.79					
SW6010	MAGNESIUM	mg/L	38.3	35	34.7	35.2	34.2	35.2					
SW6010	MANGANESE	mg/L	2.63	2.72	2.78	2.82	2.73	3.02					
SW6010	POTASSIUM	mg/L	328	330	331	349	316	327					
SW6010	SODIUM	mg/L	12600	11700	11800	12200	10900	11300					
SW9050	Conductivity	umhos/cm	121000	120000	119000	118000	101000	116000	3030	3970	5250	6110	6980

TABLE 8
SUMMARY OF GROUNDWATER
CENTRIFUGE VIBRACORE ANALYTICAL RESULTS

Location	OL-VC-40245	OL-VC-40245	OL-VC-40245	OL-VC-40245	OL-VC-40245	OL-VC-40245	OL-VC-40245	OL-VC-40245	OL-VC-40245	OL-VC-40245	OL-VC-40246	
Sample Depth	1.25-1.50 Ft	1.50-1.75 Ft	2.00-2.50 Ft	3.00-3.50 Ft	4.00-4.50 Ft	5.00-5.50 Ft	6.00-6.50 Ft	7.50-8.00 Ft	9.00-9.50 Ft	0.00-0.25 Ft		
Field Sample ID	OL-1006-14	OL-1006-15	OL-1006-16	OL-1006-17	OL-1006-18	OL-1006-19	OL-1006-20	OL-1007-01	OL-1007-02	OL-1013-01		
Sample Date	8/25/2009	8/25/2009	8/25/2009	8/25/2009	8/25/2009	8/25/2009	8/25/2009	8/25/2009	8/25/2009	8/25/2009	8/27/2009	
Sample Delivery Group	JA26429	JA26429	JA26429	JA26429	JA26429	JA26429	JA26429	JA26430	JA26430	JA26663		
Matrix	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER		
Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample		
Sample Type	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water		
Method	Parameter Name	Units										
E300.0	CHLORIDE	mg/L	2520	2690	3140 J	3310 J	3340 J	3430 J	3840 J	3870 J	4250 J	1090
E300.0	SULFATE	mg/L			6 U	8 U	8 U	14.2	99.2	86.3	91.1	
E353.2	NITROGEN, NITRATE (AS N)	mg/L			0.11	0.11 U	0.11 U					
E353.2	NITROGEN, NITRATE-NITRITE	mg/L			0.11	0.1 U	0.1 U					
SM20-4500-HB	pH	S.U.										
SM2520B	SALINITY	Ratio	4.5	4.9	5.7	6	6.3	6.7	7.4	7.3	7.9	2.2
SM4500-NO2B	NITROGEN, NITRITE	ug/L			10 U	10 U						
SM4500-PE	PHOSPHORUS, TOTAL ORTHOPHOSPHATE (AS P)	mg/l			0.05 U	0.3	0.05 U		0.05 U	0.15	0.055	
SW6010	CALCIUM	mg/L			719	802	737	460	703	1080	1030	
SW6010	IRON	mg/L			0.948	1.55	1.47	0.758	0.897	0.692	6.28	
SW6010	MAGNESIUM	mg/L			169	87.2	44.8	6.91	2.42 J	2.08 J	13.8 J	
SW6010	MANGANESE	mg/L			0.0984	0.155	0.131	0.0218	0.042	0.0527	0.295	
SW6010	POTASSIUM	mg/L			128	155	149	95.1	100	152	131	
SW6010	SODIUM	mg/L			1030	1100	1010	575	661	875	780	
SW9050	Conductivity	umhos/cm	7790	8480	9670	10100	10800	11300	12300	12200	13100	3990

TABLE 8
SUMMARY OF GROUNDWATER
CENTRIFUGE VIBRACORE ANALYTICAL RESULTS

Location	OL-VC-40246	OL-VC-40246	OL-VC-40246	OL-VC-40246	OL-VC-40246	OL-VC-40246	OL-VC-40246	OL-VC-40246	OL-VC-40246	OL-VC-40246	OL-VC-40246	OL-VC-40246	
Sample Depth	0.25-0.50 Ft	0.50-0.75 Ft	0.75-1.00 Ft	1.00-1.25 Ft	1.25-1.50 Ft	1.50-1.75 Ft	2.00-2.50 Ft	3.00-3.50 Ft	4.00-4.50 Ft	5.00-5.50 Ft	6.00-6.50 Ft		
Field Sample ID	OL-1013-02	OL-1013-03	OL-1013-04	OL-1013-05	OL-1013-06	OL-1013-07	OL-1013-08	OL-1013-09	OL-1013-10	OL-1013-11	OL-1013-12		
Sample Date	8/27/2009	8/27/2009	8/27/2009	8/27/2009	8/27/2009	8/27/2009	8/27/2009	8/27/2009	8/27/2009	8/27/2009	8/27/2009	8/27/2009	
Sample Delivery Group	JA26663	JA26663	JA26663	JA26663	JA26663	JA26663	JA26663	JA26663	JA26663	JA26663	JA26663	JA26663	
Matrix	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	
Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	
Sample Type	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	
Method	Parameter Name	Units											
E300.0	CHLORIDE	mg/L	1330	1530	1920	2020	2380	2710	2800 J	3090 J	3250 J	3120 J	3510 J
E300.0	SULFATE	mg/L							46.8	137	142	106	32.2
E353.2	NITROGEN, NITRATE (AS N)	mg/L							0.12 U	0.12 U	0.12 U	0.12 U	0.12 U
E353.2	NITROGEN, NITRATE-NITRITE	mg/L							0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
SM2520B	SALINITY	Ratio	2.7	3.1	3.6	4.1	4.3	4.7	5.5	6.2	6.5	6.7	6.5
SM4500-NO2B	NITROGEN, NITRITE	ug/L							20 U	20 U	20 U	20 U	20 U
SM4500-PE	PHOSPHORUS, TOTAL ORTHOPHOSPHATE (AS P)	mg/l							0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
SW6010	CALCIUM	mg/L							946	1210	1380	1190	1160
SW6010	IRON	mg/L							1.19	2.07	3.21	1.39	3.13
SW6010	MAGNESIUM	mg/L							9.72 J	6.87 J	8.32 J	5.66 J	74.6
SW6010	MANGANESE	mg/L							0.0718	0.136	0.256	0.0762	0.288
SW6010	POTASSIUM	mg/L							79.5	87.6	93.6	100	93.6
SW6010	SODIUM	mg/L	4780	5460	6240	7200	7400	8140	792	842	870	944	888
SW9050	Conductivity	umhos/cm							9320	10500	10900	11200	11000

TABLE 8
SUMMARY OF GROUNDWATER
CENTRIFUGE VIBRACORE ANALYTICAL RESULTS

Location	OL-VC-40246	OL-VC-40246	OL-VC-40247	OL-VC-40247								
Sample Depth	7.50-8.00 Ft	9.00-9.50 Ft	0.00-0.25 Ft	0.25-0.50 Ft	0.50-0.75 Ft	0.75-1.00 Ft	1.00-1.25 Ft	1.25-1.50 Ft	1.50-1.75 Ft	2.00-2.50 Ft	3.00-3.50 Ft	
Field Sample ID	OL-1013-13	OL-1013-14	OL-1005-15	OL-1005-16	OL-1005-17	OL-1005-18	OL-1005-19	OL-1005-20	OL-1006-01	OL-1006-02	OL-1006-03	
Sample Date	8/27/2009	8/27/2009	8/25/2009	8/25/2009	8/25/2009	8/25/2009	8/25/2009	8/25/2009	8/25/2009	8/25/2009	8/25/2009	
Sample Delivery Group	JA26663	JA26663	JA26428	JA26428	JA26428	JA26428	JA26428	JA26428	JA26429	JA26429	JA26429	
Matrix	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	
Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	
Sample Type	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	
Method	Parameter Name	Units										
E300.0	CHLORIDE	mg/L	3440 J	2770 J	503	715	950	1360	1650	1880	1980	2260 J
E300.0	SULFATE	mg/L	13.4	35.7								70.4
E353.2	NITROGEN, NITRATE (AS N)	mg/L	0.12 U	0.12 U								0.11 U
E353.2	NITROGEN, NITRATE-NITRITE	mg/L	0.1 U	0.1 U								0.1 U
SM2520B	SALINITY	Ratio	6.3	6.4	1.4	1.8	2.1	2.7	3.3	3.7	4	4.5
SM4500-NO2B	NITROGEN, NITRITE	ug/L	20 U	20 U								10 U
SM4500-PE	PHOSPHORUS, TOTAL ORTHOPHOSPHATE (AS P)	mg/l	0.1 U	0.1 U								0.36
SW6010	CALCIUM	mg/L	725	455								124
SW6010	IRON	mg/L	4.86	2.05								1.69
SW6010	MAGNESIUM	mg/L	158	162								341
SW6010	MANGANESE	mg/L	0.322	0.294								0.269
SW6010	POTASSIUM	mg/L	101	97.6								81.6
SW6010	SODIUM	mg/L	931	905								708
SW9050	Conductivity	umhos/cm	10700	10800	2590	3210	3830	4790	5740	6430	6910	7770
												8430

TABLE 8
SUMMARY OF GROUNDWATER
CENTRIFUGE VIBRACORE ANALYTICAL RESULTS

Location	OL-VC-40247	OL-VC-40247	OL-VC-40247	OL-VC-40247	OL-VC-40247	OL-VC-40248	OL-VC-40248	OL-VC-40248	OL-VC-40248	OL-VC-40248	OL-VC-40248	OL-VC-40248	
Sample Depth	4.00-4.50 Ft	5.00-5.50 Ft	6.00-6.50 Ft	7.50-8.00 Ft	9.00-9.50 Ft	0.00-0.25 Ft	0.25-0.50 Ft	0.50-0.75 Ft	0.75-1.00 Ft	1.00-1.25 Ft	1.25-1.50 Ft		
Field Sample ID	OL-1006-04	OL-1006-05	OL-1006-06	OL-1006-07	OL-1006-08	OL-1014-08	OL-1014-09	OL-1014-10	OL-1014-11	OL-1014-12	OL-1014-13		
Sample Date	8/25/2009	8/25/2009	8/25/2009	8/25/2009	8/25/2009	8/27/2009	8/27/2009	8/27/2009	8/27/2009	8/27/2009	8/27/2009		
Sample Delivery Group	JA26429	JA26429	JA26429	JA26429	JA26429	JA26664	JA26664	JA26664	JA26664	JA26664	JA26664		
Matrix	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER		
Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample		
Sample Type	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water		
Method	Parameter Name	Units											
E300.0	CHLORIDE	mg/L	2640 J	2930 J	2960 J	3020 J	3030 J	1130	841	932	1210	1910	1800
E300.0	SULFATE	mg/L	21.9	28.8	59	155	89.7						
E353.2	NITROGEN, NITRATE (AS N)	mg/L	0.11 U										
E353.2	NITROGEN, NITRATE-NITRITE	mg/L	0.1 U										
SM2520B	SALINITY	Ratio	5.1	5.5	6	6	5.9	2.2	1.8	1.9	2.4	3.8	3.9
SM4500-NO2B	NITROGEN, NITRITE	ug/L	10 U										
SM4500-PE	PHOSPHORUS, TOTAL ORTHOPHOSPHATE (AS P)	mg/l	0.05 U										
SW6010	CALCIUM	mg/L	222	487	758	947	970						
SW6010	IRON	mg/L	1.67	1.43	1.63	0.644	3.26						
SW6010	MAGNESIUM	mg/L	266	91.6	19.9	3.61 J	7.85						
SW6010	MANGANESE	mg/L	0.157	0.143	0.0657	0.0495	0.135						
SW6010	POTASSIUM	mg/L	123	149	147	144	153						
SW6010	SODIUM	mg/L	918	965	900	925	1000						
SW9050	Conductivity	umhos/cm	8800	9420	10200	10300	10000	4010	3300	3510	4310	6650	6660

TABLE 8
SUMMARY OF GROUNDWATER
CENTRIFUGE VIBRACORE ANALYTICAL RESULTS

Location	OL-VC-40248	OL-VC-40248	OL-VC-40248	OL-VC-40248	OL-VC-40248	OL-VC-40248	OL-VC-40248	OL-VC-40248	OL-VC-40248	OL-VC-40249	OL-VC-40249	OL-VC-40249	
Sample Depth	1.50-1.75 Ft	2.00-2.50 Ft	3.00-3.50 Ft	4.00-4.50 Ft	5.00-5.50 Ft	6.00-6.50 Ft	7.50-8.00 Ft	8.00-8.50 Ft	0.00-0.25 Ft	0.25-0.50 Ft	0.50-0.75 Ft		
Field Sample ID	OL-1014-14	OL-1014-15	OL-1014-16	OL-1014-17	OL-1014-18	OL-1014-19	OL-1014-20	OL-1014-21	OL-1013-15	OL-1013-16	OL-1013-17		
Sample Date	8/27/2009	8/27/2009	8/27/2009	8/27/2009	8/27/2009	8/27/2009	8/27/2009	8/27/2009	8/27/2009	8/27/2009	8/27/2009	8/27/2009	
Sample Delivery Group	JA26664	JA26664	JA26664	JA26664	JA26664	JA26664	JA26664	JA26664	JA26663	JA26663	JA26663		
Matrix	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	
Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	
Sample Type	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	
Method	Parameter Name	Units											
E300.0	CHLORIDE	mg/L	2050	2750 J	3100 J	3130 J	3080 J	3020 J	2970 J	3380 J	662	741	1030
E300.0	SULFATE	mg/L		15.9	20.8	12.7	40.9	61.6	124	80.3			
E353.2	NITROGEN, NITRATE (AS N)	mg/L		0.12 U	0.12 U	0.12 U	1.4	4.9		0.36			
E353.2	NITROGEN, NITRATE-NITRITE	mg/L		0.1 U	0.1 U	0.1 U	1.4	4.9	0.63	0.36			
SM2520B	SALINITY	Ratio	4.4	5.1	5.6	6	6.1	6.2	6.6	7.1	1.7	2	2.4
SM4500-NO2B	NITROGEN, NITRITE	ug/L		20 U	20 U	20 U	20 U	10 U		10 U			
SM4500-PE	PHOSPHORUS, TOTAL ORTHOPHOSPHATE (AS P)	mg/l		0.1 U	0.1 U	0.1 U	0.18	0.58					
SW6010	CALCIUM	mg/L		655	574	602	650	550	608	1020			
SW6010	IRON	mg/L		2.53	1.87	2.23	2.85	3.16	12.6	22.3			
SW6010	MAGNESIUM	mg/L		142	125	120	120	97.1	86.1	84.9			
SW6010	MANGANESE	mg/L		0.203	0.192	0.195	0.215	0.216	0.576	0.959			
SW6010	POTASSIUM	mg/L		95.3	118	147	152	140	153	171			
SW6010	SODIUM	mg/L		728	841	1120	1110	1000	1040	1230			
SW9050	Conductivity	umhos/cm	7530	8730	9520	10200	10300	10500	11100	11900	3180	3570	4250

TABLE 8
SUMMARY OF GROUNDWATER
CENTRIFUGE VIBRACORE ANALYTICAL RESULTS

	Location	OL-VC-40249	OL-VC-40249										
	Sample Depth	0.75-1.00 Ft	1.00-1.25 Ft	1.25-1.50 Ft	1.50-1.75 Ft	2.00-2.50 Ft	3.00-3.50 Ft	4.00-4.50 Ft	5.00-5.50 Ft	6.00-6.50 Ft	7.50-8.00 Ft	8.00-8.50 Ft	
	Field Sample ID	OL-1013-18	OL-1013-19	OL-1013-20	OL-1013-21	OL-1014-01	OL-1014-02	OL-1014-03	OL-1014-04	OL-1014-05	OL-1014-06	OL-1014-07	
	Sample Date	8/27/2009	8/27/2009	8/27/2009	8/27/2009	8/27/2009	8/27/2009	8/27/2009	8/27/2009	8/27/2009	8/27/2009	8/27/2009	
	Sample Delivery Group	JA26663	JA26663	JA26663	JA26663	JA26664							
	Matrix	WATER											
	Sample Purpose	Regular sample											
	Sample Type	Pore water											
Method	Parameter Name	Units											
E300.0	CHLORIDE	mg/L	1450	2170	2960	3050	2870 J	3340 J	3860 J	4260 J	4540 J	3840 J	3290 J
E300.0	SULFATE	mg/L					43.9	71.3	45.9	6 U	11.7	17.4	13.4
E353.2	NITROGEN, NITRATE (AS N)	mg/L					0.12 U	0.12 U					
E353.2	NITROGEN, NITRATE-NITRITE	mg/L					0.1 U	0.1 U					
SM2520B	SALINITY	Ratio	3.8	4.2	4.9	5	5.8	6.9	7.8	8.2	8.4	8.4	8.4
SM4500-NO2B	NITROGEN, NITRITE	ug/L					20 U	20 U					
SM4500-PE	PHOSPHORUS, TOTAL ORTHOPHOSPHATE (AS P)	mg/l					0.1 U	0.1 U					
SW6010	CALCIUM	mg/L					1140	1330	1240	1230	1080	1530	1420
SW6010	IRON	mg/L					4.3	2.48	2.75	0.886	1.14	6.73	9.9
SW6010	MAGNESIUM	mg/L					7.85 J	21.5	25.1	33.2	24.6	31.2	30.7
SW6010	MANGANESE	mg/L					0.182	0.192	0.158	0.118	0.167	0.427	0.442
SW6010	POTASSIUM	mg/L					84	84.2	103	115	111	128	126
SW6010	SODIUM	mg/L	6690	7320	8470	8650	800	902	983	1200	1150	1220	1130
SW9050	Conductivity	umhos/cm					9920	11600	12800	13500	13900	13900	13900

TABLE 8
SUMMARY OF GROUNDWATER
CENTRIFUGE VIBRACORE ANALYTICAL RESULTS

Location	OL-VC-40250	OL-VC-40250	OL-VC-40250	OL-VC-40250	OL-VC-40250	OL-VC-40250	OL-VC-40250	OL-VC-40250	OL-VC-40250	OL-VC-40250	OL-VC-40250	OL-VC-40250	
Sample Depth	0.00-0.25 Ft	0.25-0.50 Ft	0.50-0.75 Ft	0.75-1.00 Ft	1.00-1.25 Ft	1.25-1.50 Ft	1.50-1.75 Ft	2.00-2.50 Ft	3.00-3.50 Ft	4.00-4.50 Ft	5.00-5.50 Ft		
Field Sample ID	OL-1011-03	OL-1011-04	OL-1011-05	OL-1011-06	OL-1011-07	OL-1011-08	OL-1011-09	OL-1011-10	OL-1011-11	OL-1011-12	OL-1011-13		
Sample Date	8/26/2009	8/26/2009	8/26/2009	8/26/2009	8/26/2009	8/26/2009	8/26/2009	8/26/2009	8/26/2009	8/26/2009	8/26/2009		
Sample Delivery Group	JA26545	JA26545	JA26545	JA26545	JA26545	JA26545	JA26545	JA26545	JA26545	JA26545	JA26545		
Matrix	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER		
Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample		
Sample Type	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water		
Method	Parameter Name	Units											
E300.0	CHLORIDE	mg/L	1150	1110	921	1100	1520	1700	1780	1890 J	2540 J	3010 J	3210 J
E300.0	SULFATE	mg/L								69.1	123	42.3	40
E353.2	NITROGEN, NITRATE (AS N)	mg/L								0.12 U		0.18	0.12 U
E353.2	NITROGEN, NITRATE-NITRITE	mg/L								0.1 U	0.1 U	0.18	0.1 U
SM2520B	SALINITY	Ratio	2.3	2.2	2	2.3	3	3.3	3.5	3.9	5	5.9	6.1
SM4500-NO2B	NITROGEN, NITRITE	ug/L								20 U		20 U	20 U
SM4500-PE	PHOSPHORUS, TOTAL ORTHOPHOSPHATE (AS P)	mg/l								0.31		0.05 U	0.42
SW6010	CALCIUM	mg/L								346	341	566	478
SW6010	IRON	mg/L								3.06	6.59	5.08	3.32
SW6010	MAGNESIUM	mg/L								242	249	247	185
SW6010	MANGANESE	mg/L								0.624	0.599	0.808	0.641
SW6010	POTASSIUM	mg/L								39	60.4	82.6	89.1
SW6010	SODIUM	mg/L	4190	4000	3560	4130	5380	5780	6170	529	668	927	926
SW9050	Conductivity	umhos/cm								6790	8540	10000	10300

TABLE 8
SUMMARY OF GROUNDWATER
CENTRIFUGE VIBRACORE ANALYTICAL RESULTS

Location	OL-VC-40250	OL-VC-40250	OL-VC-40250	OL-VC-50071	OL-VC-50071							
Sample Depth	6.00-6.50 Ft	7.50-8.00 Ft	9.00-9.50 Ft	0.00-0.25 Ft	0.25-0.50 Ft	0.50-0.75 Ft	0.75-1.00 Ft	1.00-1.25 Ft	1.25-1.50 Ft	1.50-1.75 Ft	2.00-2.50 Ft	
Field Sample ID	OL-1011-14	OL-1011-15	OL-1011-16	OL-1009-15	OL-1009-16	OL-1009-17	OL-1009-18	OL-1009-19	OL-1009-20	OL-1010-01	OL-1010-02	
Sample Date	8/26/2009	8/26/2009	8/26/2009	8/26/2009	8/26/2009	8/26/2009	8/26/2009	8/26/2009	8/26/2009	8/26/2009	8/26/2009	
Sample Delivery Group	JA26545	JA26545	JA26545	JA26544	JA26544	JA26544	JA26544	JA26544	JA26544	JA26546	JA26546	
Matrix	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	
Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	
Sample Type	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	
Method	Parameter Name	Units										
E300.0	CHLORIDE	mg/L	3180 J	3510 J	3720 J	5290	8310	10900	11400	12600	13500	13500
E300.0	SULFATE	mg/L	36.7	6 U	95.1							1560
E353.2	NITROGEN, NITRATE (AS N)	mg/L	0.12 U	0.12 U	0.12 U							0.35
E353.2	NITROGEN, NITRATE-NITRITE	mg/L	0.1 U	0.1 U	0.1 U							0.35
SM2520B	SALINITY	Ratio	6.4	6.7	7	10.6	16.5	20.8	21.1	23.3	24.9	25.6
SM4500-NO2B	NITROGEN, NITRITE	ug/L	20 U	20 U	20 U							20 U
SM4500-PE	PHOSPHORUS, TOTAL ORTHOPHOSPHATE (AS P)	mg/l	0.05 U	0.05 U	0.05 U							0.1 U
SW6010	CALCIUM	mg/L	502	972	1100							745
SW6010	IRON	mg/L	1.02	1.88	0.305 J							0.237 J
SW6010	MAGNESIUM	mg/L	104	34.6	18.9							195
SW6010	MANGANESE	mg/L	0.167	0.143	0.0302 J							0.0526 J
SW6010	POTASSIUM	mg/L	108	121	132							52
SW6010	SODIUM	mg/L	1010	1140	1180							8070
SW9050	Conductivity	umhos/cm	10800	11200	11700	17300	25800	31900	32400	35400	37600	38500

TABLE 8
SUMMARY OF GROUNDWATER
CENTRIFUGE VIBRACORE ANALYTICAL RESULTS

	Location	OL-VC-50071	OL-VC-50071	OL-VC-50071	OL-VC-50071	OL-VC-50071	OL-VC-50071	
	Sample Depth	3.00-3.50 Ft	4.00-4.50 Ft	5.00-5.50 Ft	6.00-6.50 Ft	7.50-8.00 Ft	9.00-9.50 Ft	
	Field Sample ID	OL-1010-03	OL-1010-04	OL-1010-05	OL-1010-06	OL-1010-07	OL-1010-08	
	Sample Date	8/26/2009	8/26/2009	8/26/2009	8/26/2009	8/26/2009	8/26/2009	
	Sample Delivery Group	JA26546	JA26546	JA26546	JA26546	JA26546	JA26546	
	Matrix	WATER	WATER	WATER	WATER	WATER	WATER	
	Sample Purpose	Regular sample						
	Sample Type	Pore water						
Method	Parameter Name	Units						
E300.0	CHLORIDE	mg/L	14000 J	17900 J	18900 J	20300 J	23100 J	26700 J
E300.0	SULFATE	mg/L	1450	1660	1570	1520	1560	1580
E353.2	NITROGEN, NITRATE (AS N)	mg/L	0.12 U	0.14				
E353.2	NITROGEN, NITRATE-NITRITE	mg/L	0.1 U	0.14				
SM2520B	SALINITY	Ratio	29.3	31.1	33	35.1	39.3	46.1
SM4500-NO2B	NITROGEN, NITRITE	ug/L	20 U	20 U				
SM4500-PE	PHOSPHORUS, TOTAL ORTHOPHOSPHATE (AS P)	mg/l	0.1 U	0.1 U				
SW6010	CALCIUM	mg/L	843	830	755	835	937	921
SW6010	IRON	mg/L	0.285 J	0.353 J	0.342 J	0.355 J	0.469	0.503
SW6010	MAGNESIUM	mg/L	221	215	199	227	269	289
SW6010	MANGANESE	mg/L	0.0548 J	0.0584 J	0.0506 J	0.0496 J	0.053 J	0.0538 J
SW6010	POTASSIUM	mg/L	63	66.8	65.4	76.8	94.1	107
SW6010	SODIUM	mg/L	9310	9550	9130	10300	11700	13400
SW9050	Conductivity	umhos/cm	43500	45800	48400	51100	56500	65000

FIGURES

N
W
S
E



Preliminary Potential Remediation Area-Final Delineation to be Determined

Sediment Management Unit (SMU) Boundary

Extent of ILWD in Littoral Zone

Willis/Semet IRM Barrier Wall

New York State Digital Orthoimagery from 2003

0 1,000 2,000 4,000
Feet

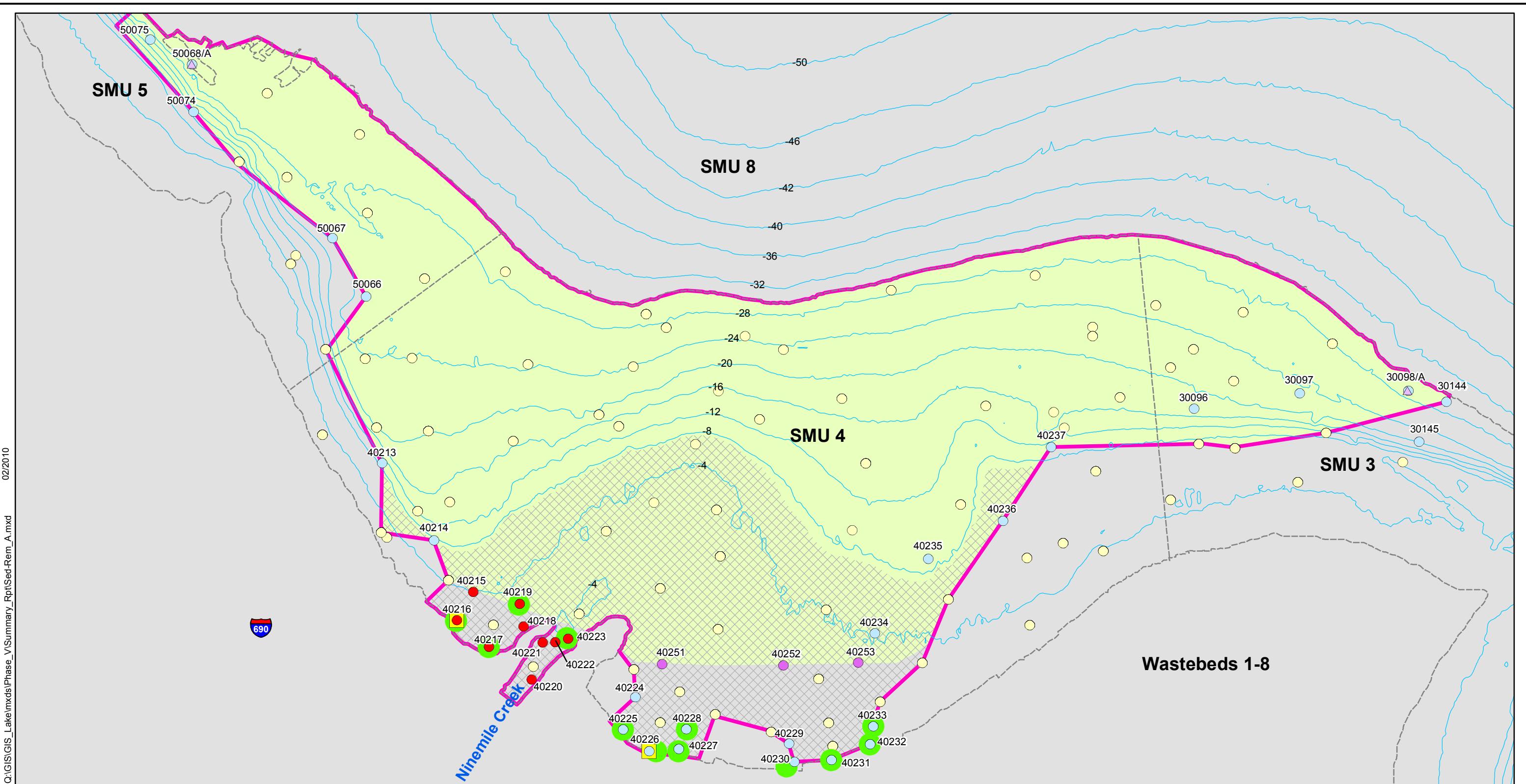
FIGURE 1

Honeywell Onondaga Lake, Syracuse, New York

SMU Boundaries and Remediation Areas

PARSONS

301 PLAINFIELD RD, SUITE 350, SYRACUSE, NY 13212



Phase V PDI Sample Locations

- △ 1 ft. Vibracore
- 4 ft. Vibracore
- 8 ft. Vibracore
- 10 Ft. Vibracore
- Shelby Tube
- Vane Shear Testing

0 100 200 400 600 800 1,000
Feet

Historical Sample Locations (RI to Phase IV PDI)

- Historical Sediment Location

- Preliminary Potential Remediation Area-Final Delineation to be Determined
- ▨ Preliminary Dredge Area
- Preliminary Cap Area
- - - SMU Boundary

NOTES

1. Bathymetry contours are in 4 foot intervals.
2. Water depth based on average lake elevation of 362.82 feet, NAVD88.
3. For map clarity, the location prefixes (OL-XX-) have been omitted on this figure.



FIGURE 2

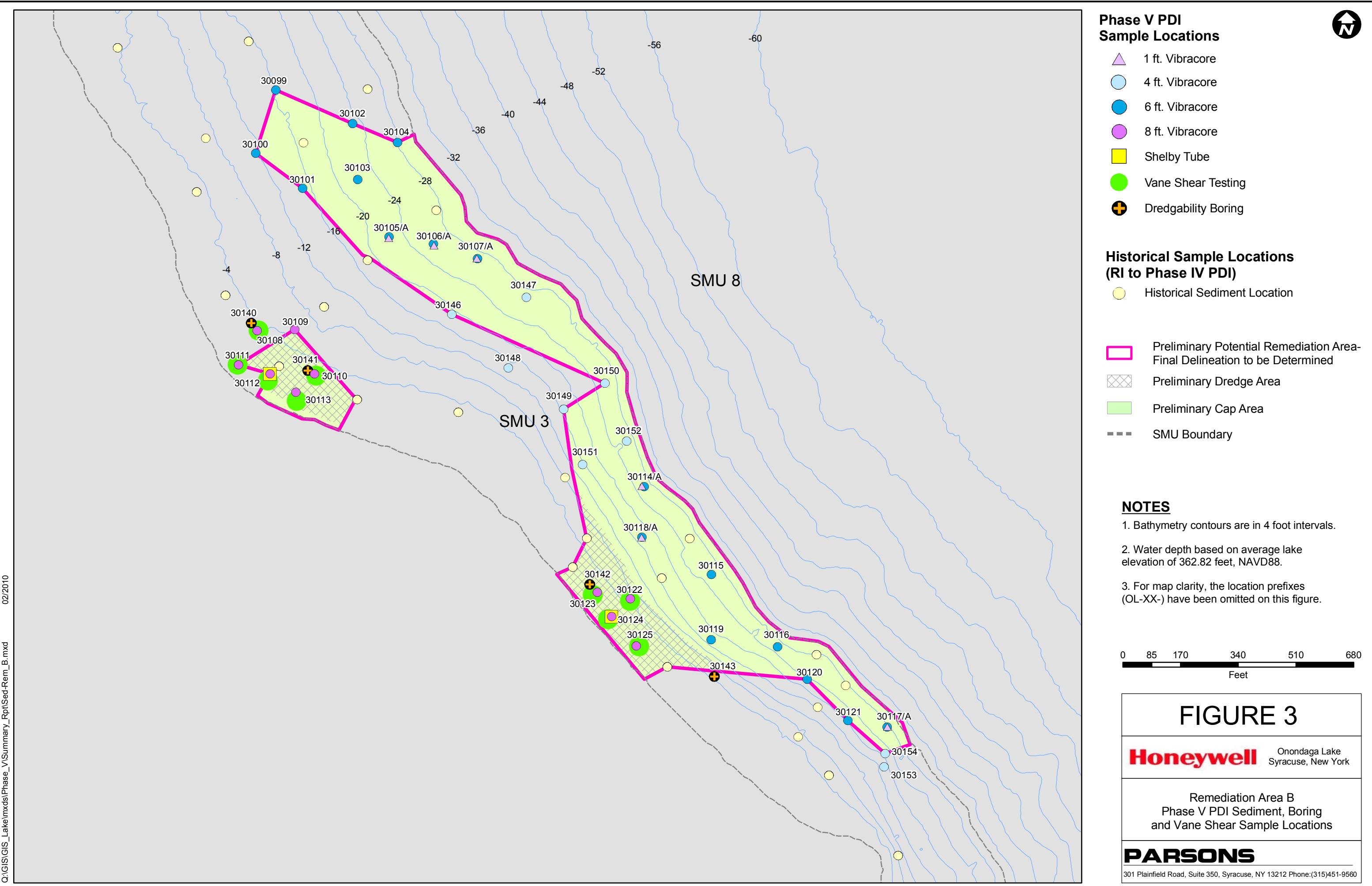
Honeywell

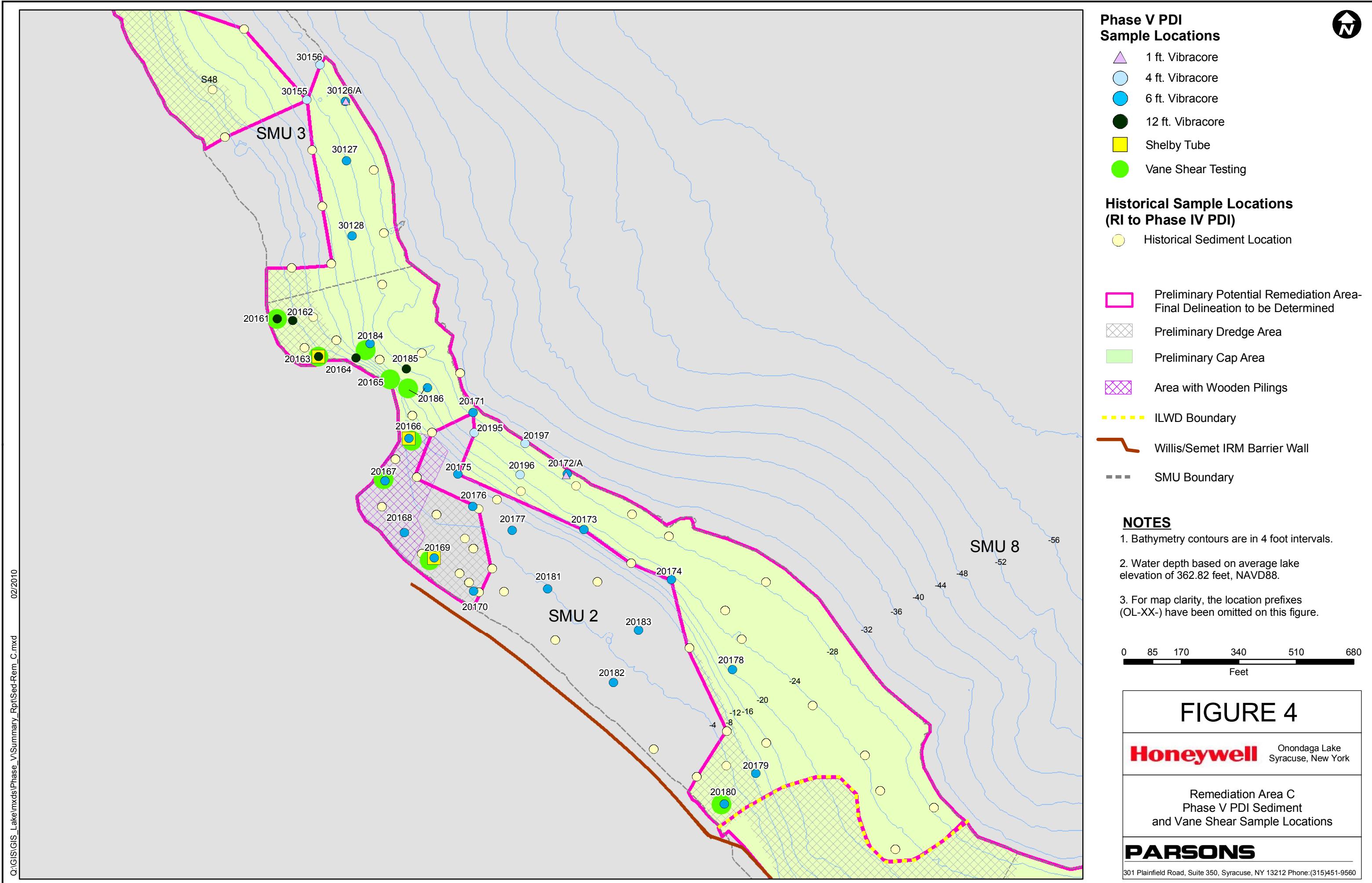
Onondaga Lake
Syracuse, New York

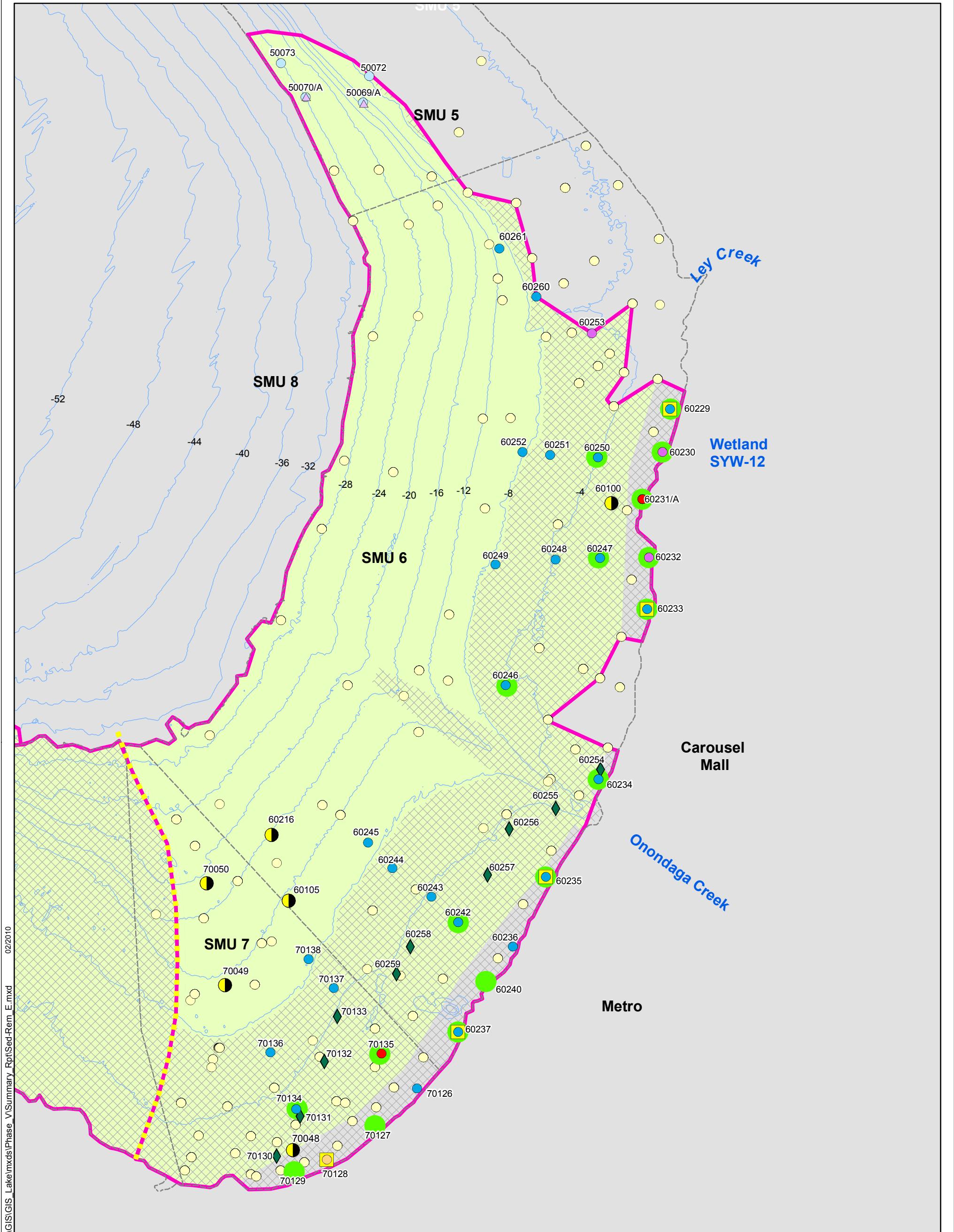
Remediation Area A
Phase V PDI Sediment
and Vane Shear Sample Locations

PARSONS

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Phase V PDI Sample Locations

- ▲ 1 ft. Vibracore
- 4 ft. Vibracore
- 6 ft. Vibracore
- 8 ft. Vibracore
- 10 ft. Vibracore
- 15 ft. Vibracore
- ◆ East Wall / Dredge Stability Boring
- Vane Shear Test
- Shelby Tube
- Bench Scale Sample Location

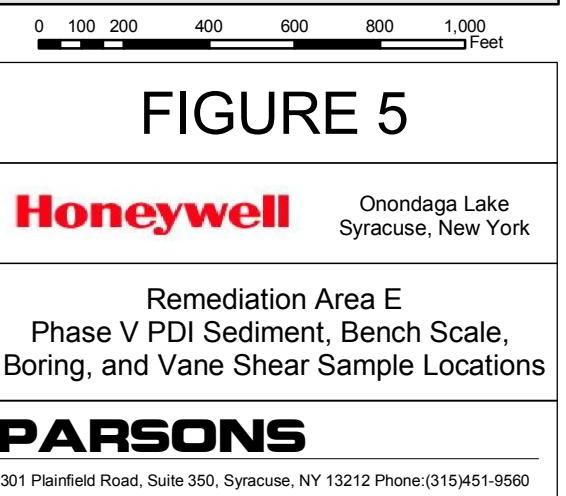
- Preliminary Potential Remediation Area-Final Delineation to be Determined
- ▨ Preliminary Dredge Area
- Preliminary Cap Area
- ▨ Extent of ILWD
- - - SMU Boundary

Historical Sample Locations (RI to Phase IV PDI)

- Historical Sediment Location

NOTES

1. Bathymetry contours are in 4 foot intervals.
2. Water depth based on average lake elevation of 362.82 feet, NAVD88.
3. For map clarity, the location prefixes (OL-XX-) have been omitted on this figure.





**Phase V PDI
Sample Locations**

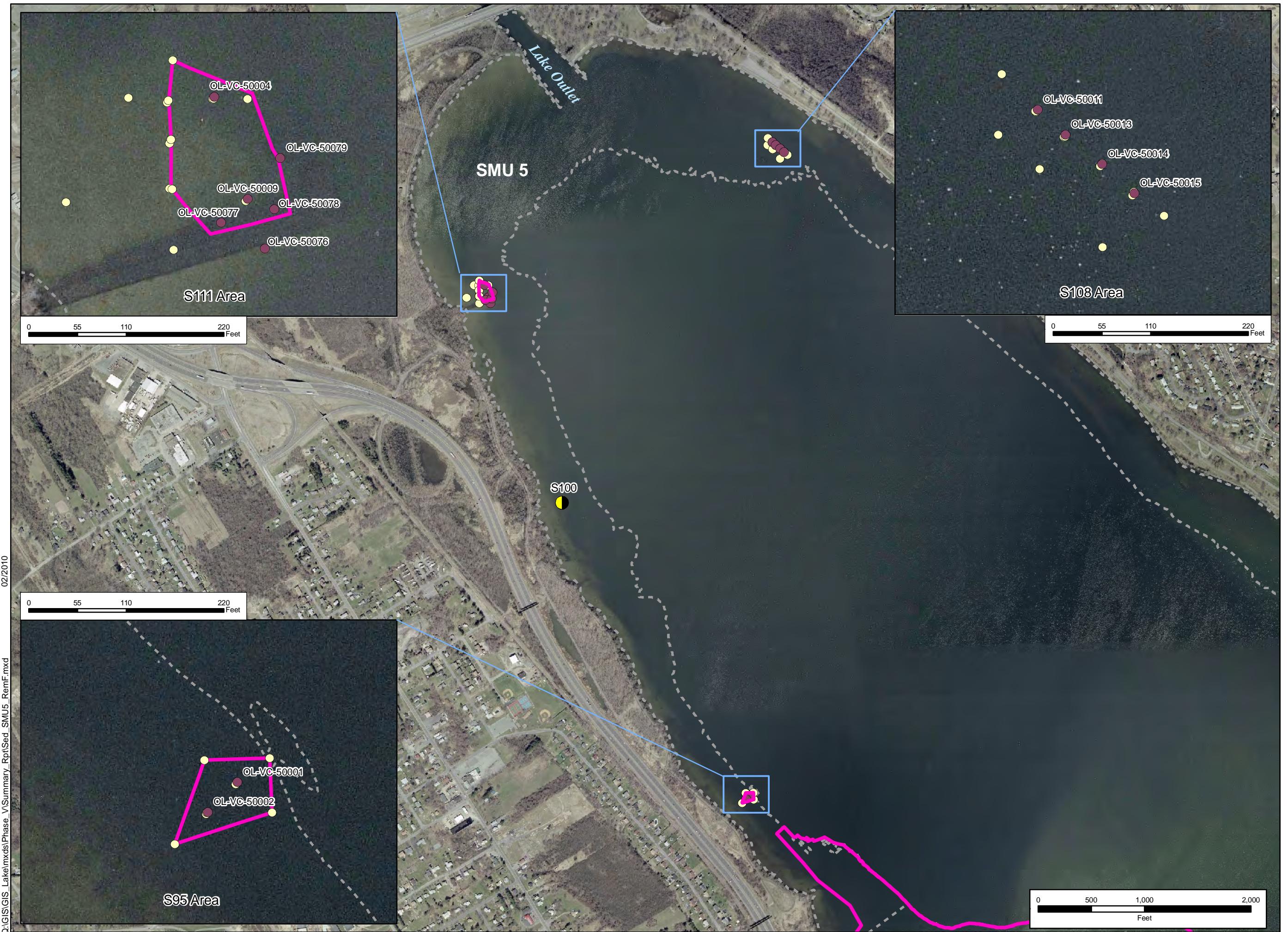
- 3 ft. Vibracore
- Bench Scale
- Sample Location

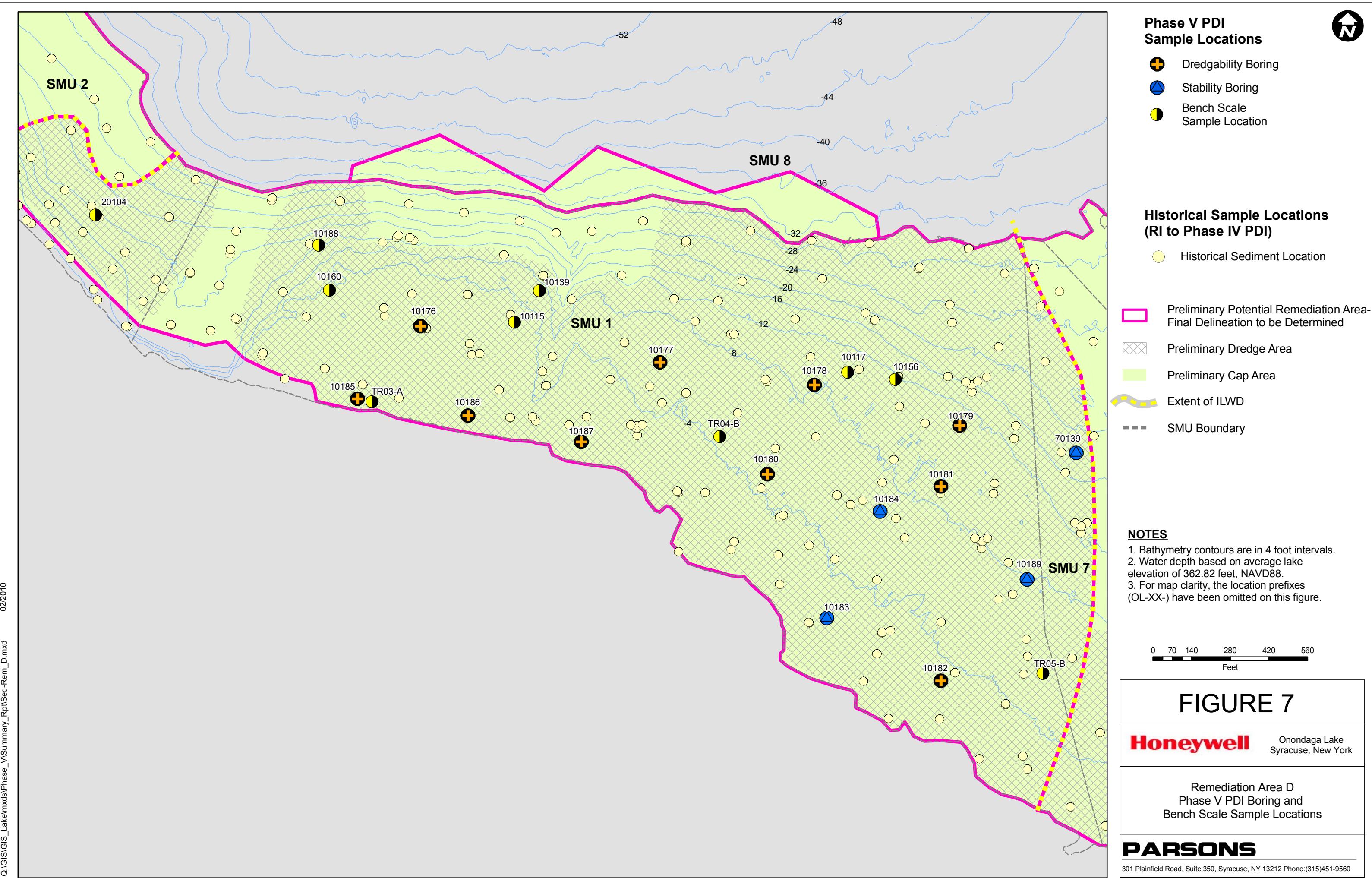
**Historical Sample
Locations
(RI to Phase IV PDI)**

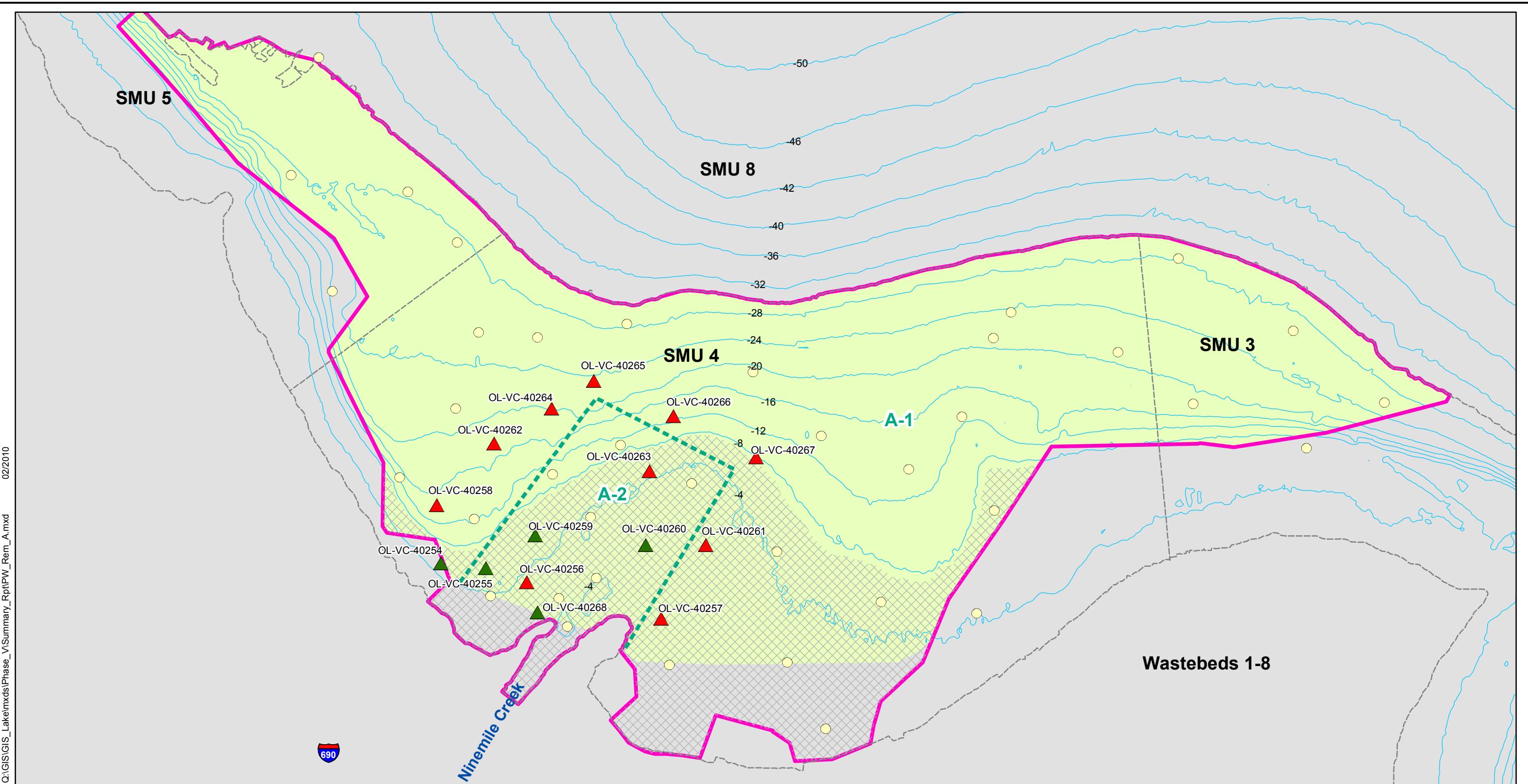
- Historical Sediment
Location

Preliminary Potential
Remediation Area-
Final Delineation to
be Determined

SMU Boundary







Preliminary Potential Remediation Area-Final Delineation to be Determined
Preliminary Dredge Area
Preliminary Cap Area
**Cap Model Area - Cap area within boundaries
is Cap Model Area A-2; cap area outside of
boundaries is Cap Model Area A-1.**
SMU Boundary



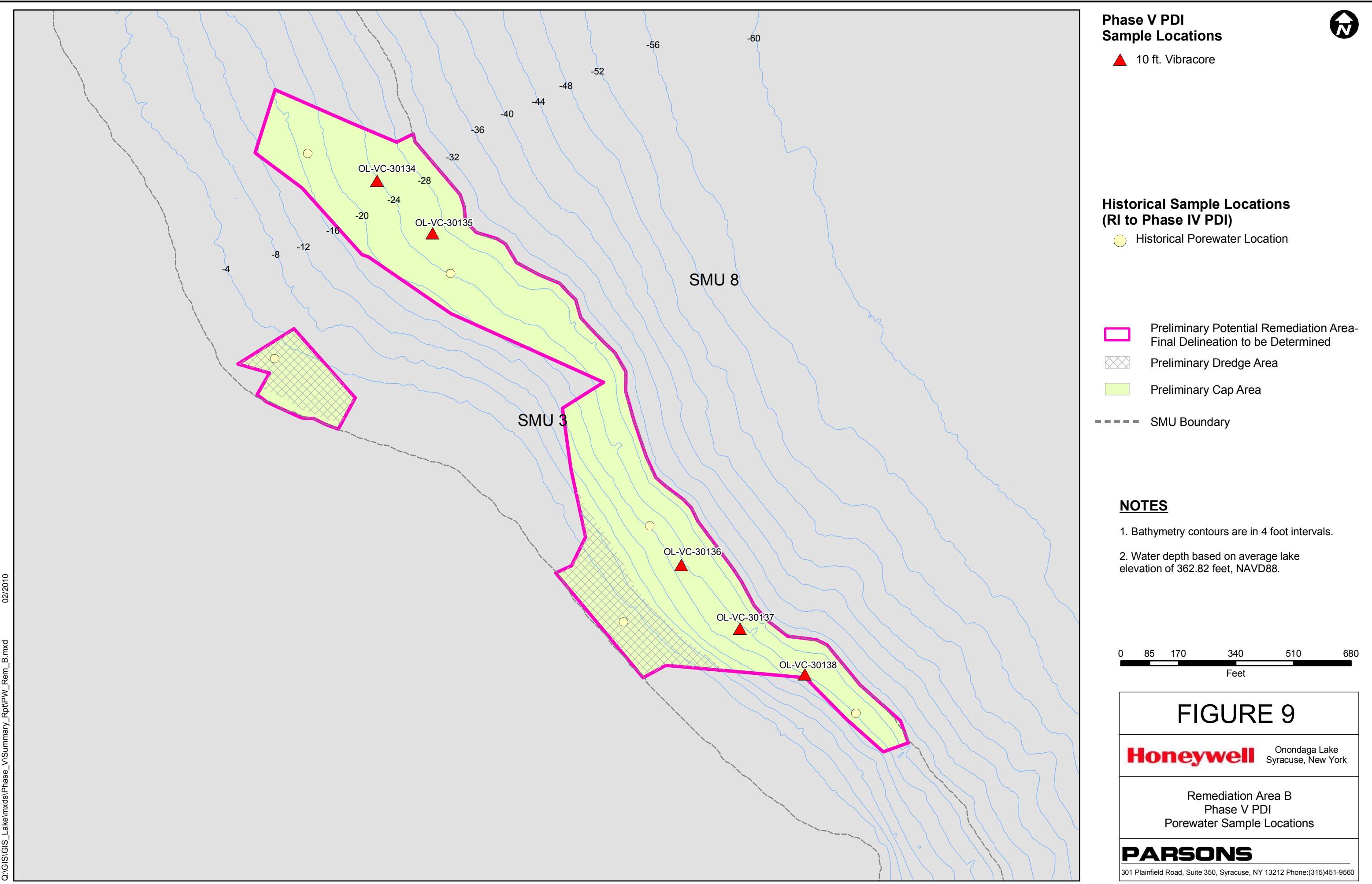
FIGURE 8

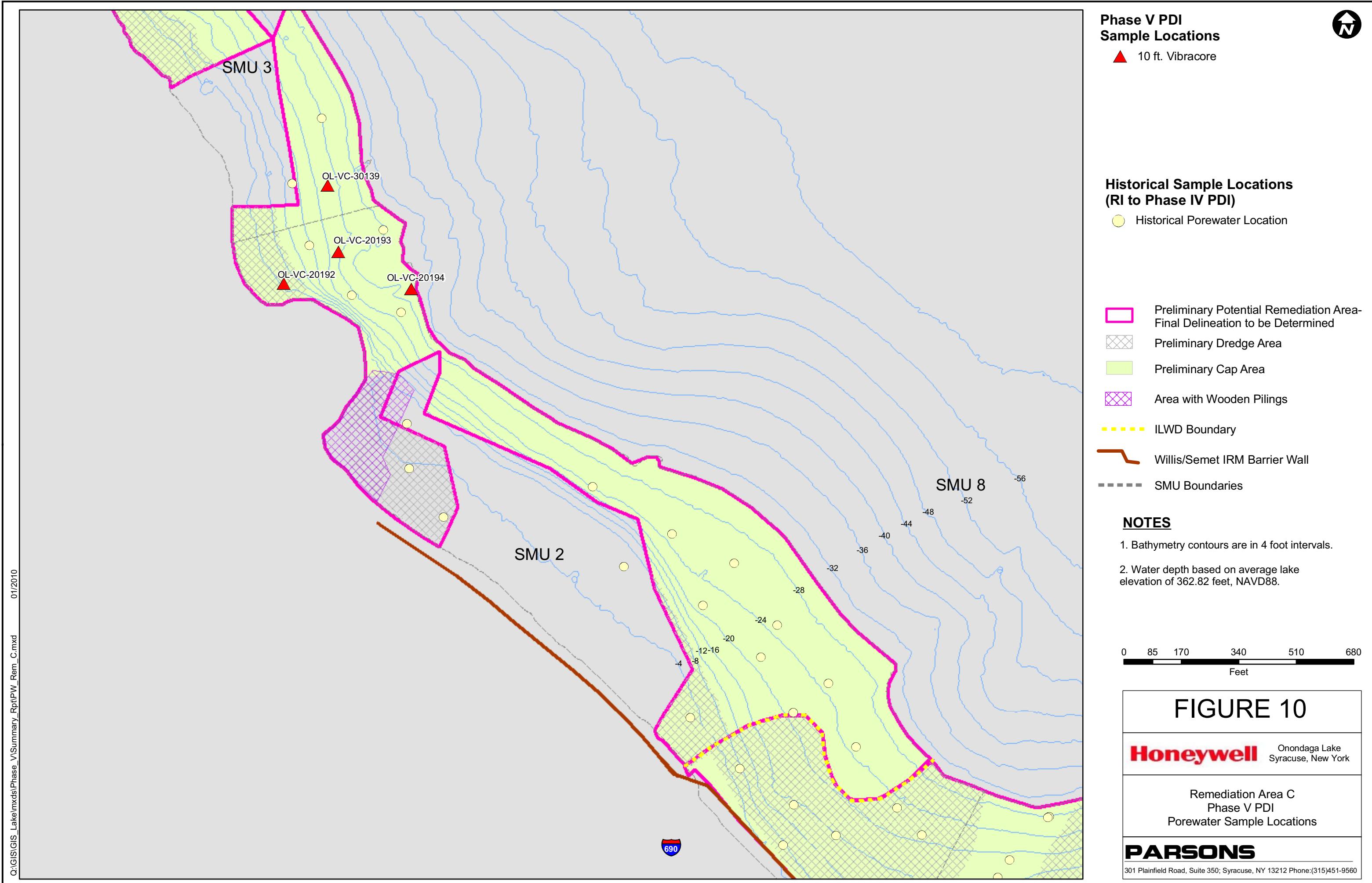
Honeywell Onondaga Lake
Syracuse, New York

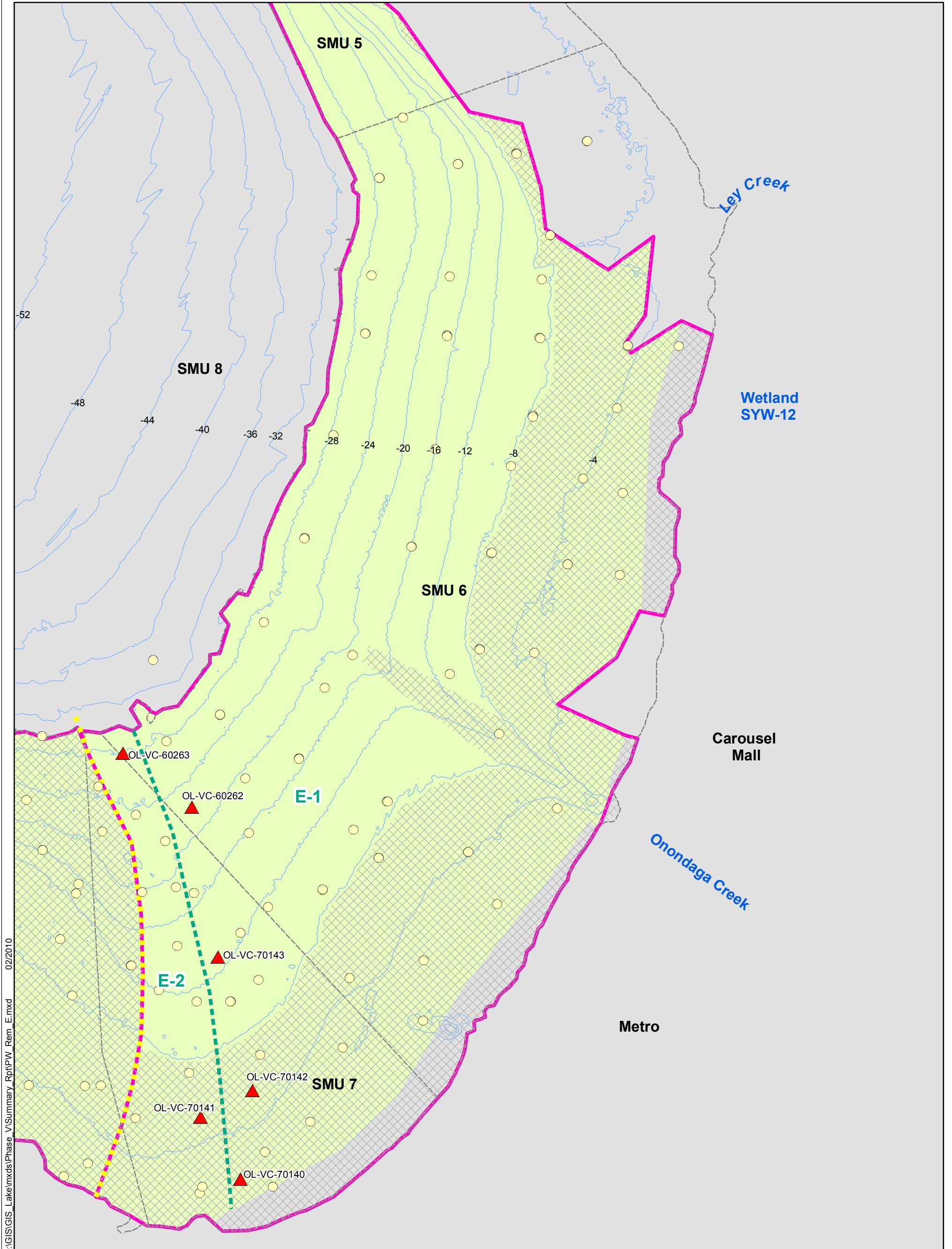
Remediation Area A
Phase V PDI
Porewater Sample Locations

PARSONS

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Phase V PDI Sample Locations

▲ 10 ft. Vibracore

Historical Sample Locations (RI to Phase IV PDI)

● Historical Porewater Location

NOTES

1. Bathymetry contours are in 4 foot intervals.
2. Water depth based on average lake elevation of 362.82 feet, NAVD88.

- Preliminary Potential Remediation Area-Final Delineation to be Determined
- ▨ Preliminary Dredge Area
- Preliminary Cap Area
- - - Cap Model Area
- ~~~~~ Extent of ILWD
- - - - SMU Boundary



FIGURE 11

Honeywell

Onondaga Lake
Syracuse, New York

Remediation Area E
Phase V PDI
Porewater Sampling Locations

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0 125 250 500 750 1,000 Feet

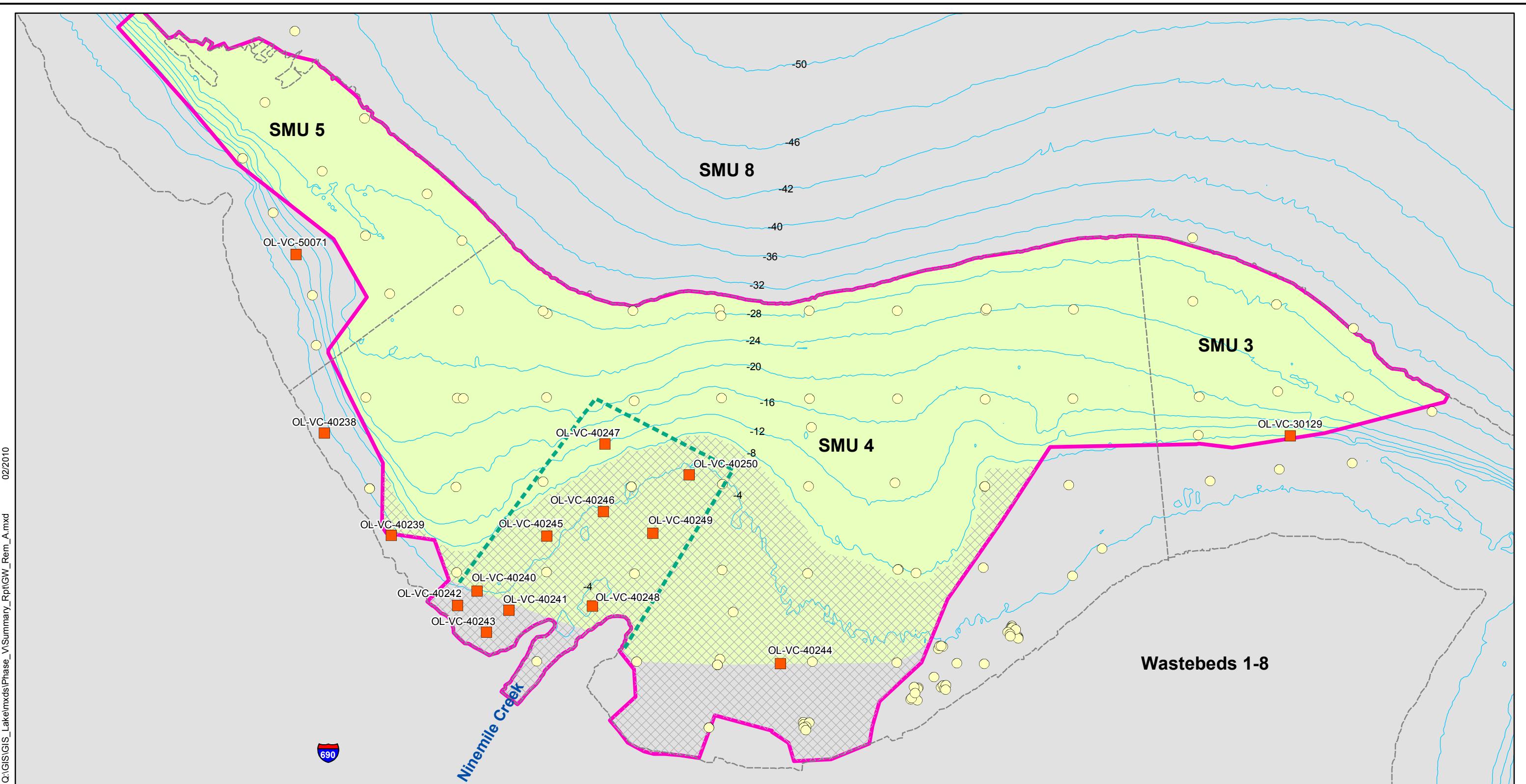


FIGURE 12

Honeywell	Onondaga Lake Syracuse, New York
Remediation Area A Phase V PDI Groundwater Sample Locations	
PARSONS	
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